Remedial Investigation Update

Raymark Industries, Inc. Site – Operable Unit 2
Stratford, Connecticut

Remedial Investigation/Feasibility Study
EPA Task Order No. 0043-RI-CO-01H3

REMEDIAL ACTION CONTRACT
No. EP-S1-06-03

FOR

US Environmental Protection Agency
Region 1

BY

Nobis Engineering, Inc.

Nobis Project No. 80043

May 2014

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U.S. Environmental Protection Agency
Region 1
5 Post Office Square, Suite 100
Boston, Massachusetts 02109 3919

Nobis Engineering, Inc.
Lowell, Massachusetts
Concord, New Hampshire

Phone (800) 394 4182
www.nobisengineering.com

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for Scott Harding, PE
Program Manager

Diane M. Baxter
Senior Project Manager

Nobis Engineering a Sustainable Future
Nobis En
585 Midd
Lowell, M
T (978) 69
www.nob

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ACRONYMS AND ABBREVIATIONS

1,1,1-TCA	1,1,1-trichloroethane
1,1,2-TCA	1,1,2-trichloroethane
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
1,2-DCA	1,2-dichloroethane
2,3,7,8-TCDD	2,3,7,8 – tetrachlorodibenzo-p-dioxin
ADAF	age-dependant adjustment factor
AWQC	Ambient Water Quality Criteria
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CERCLA	The Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Amended by SARA in 1986. Also called the Superfund Law.
cis-1,2-DCE	cis-1,2-dichloroethene
COC	contaminant of concern
COPC	chemicals of potential concern
CT	Connecticut
CTDEEP	Connecticut Department of Energy and Environmental Protection (formerly CTDEP)
CTDEP	Connecticut Department of Environmental Protection
DDT	dichloro diphenyl trichloroethane
DNAPL	dense non-aqueous phase liquid
EPA	United States Environmental Protection Agency
ERA	Ecological Risk Assessment
ESV	Ecological Screening Value
°F	degrees Fahrenheit
FAWQC	Federal Ambient Water Quality Criteria
FS	Feasibility Study
ft	feet
ft^2	square feet
ft^3/hr	cubic feet per hour
g/cm^3	grams per cubic centimeter
GB	State of Connecticut classification for non-drinking water sources

ACRONYMS AND ABBREVIATIONS (cont.)

HHRA	human health risk assessment
HI	hazard index
HNUS	Halliburton NUS
HQ	Hazard Quotient
I-95	Interstate 95
m	meters
m^3	cubic meters
m 3/day	cubic meters per day
MTBE	methyl-t butyl ether
µ	micro (prefix)
µg/l or µg/L	micrograms per liter
$\mu g/m^3$	micrograms per cubic meter
mg/kg/day	milligrams per kilogram per day
mg/l or mg/L	milligrams per liter
mg/m^3	milligrams per cubic meter
mg/µg	milligrams per microgram
ml/g	milliliters per gram
MSL or msl	mean sea level
NAPL	non-aqueous phase liquid
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NERL	New England Regional Laboratory
NGVD	National Geodetic Vertical Datum
Nobis	Nobis Engineering, Inc.
NPL	National Priorities List
NVT	Not sufficiently volatile and/or toxic to pose inhalation risk
OSWER	(EPA's) Office of Solid Waste and Emergency Response
OU	Operable Unit
PAH	polycyclic aromatic hydrocarbon
PC	Post closure
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo dioxins
PCDF	polychlorinated dibenzo furans

ACRONYMS AND ABBREVIATIONS (cont.)

PCE	tetrachloroethene
pH	hydrogen-ion concentration
ppb	parts per billion
ppb/V	parts per billion by volume
ppm	parts per million
RAGS HHEM	Risk Assessment Guidance for Superfund, Human Health Evaluation Manual
Raymark Facility	Raymark Industries, Inc. Facility
RCRA	Resource Conservation and Recovery Act
RfC	Reference Concentration
RfD	Reference Dose
RI	Remedial Investigation
ROD	(EPA's) Record of Decision. Documents the selection of a cost-effective Superfund remedy.
RSL	Residential Screening Level
RSRs	State of Connecticut Remediation Standard Regulations
RVC	residential volatilization criteria
SARA	Superfund Amendments and Reauthorization Act of 1986. Amended CERCLA. Also known as the Superfund Law.
SSD	sub-slab depressurization
SVOC	semivolatile organic compound
SWPC	Surface Water Protection Criteria
TAL	(CLP) Target Analyte List for Inorganics
TCE	trichloroethene
TCL	(CLP) Target Compound List for Organics
TEF	Toxicity Equivalence Factor
TEQ	Toxicity Equivalency
TtNUS	Tetra Tech NUS, Inc.
URF	Inhalation Unit Risk Factor
VISL	vapor intrusion screening level
VOC	volatile organic compound
WQC	State of Connecticut water quality standards

ES EXECUTIVE SUMMARY

This Remedial Investigation (RI) Update Report is for the Raymark Industries, Inc. Superfund Site, Operable Unit (OU) 2 – Groundwater, located in Stratford, Fairfield County, Connecticut. There are nine OUs associated with Raymark Industries, Inc. (former Raymark facility); Operable Unit (OU) 2 focuses on the groundwater contamination. This OU2 RI Update Report was prepared by Nobis Engineering, Inc. (Nobis), as authorized by the United States Environmental Protection Agency (EPA) under Remedial Action Contract No. EP-S1-06-03, Task Order No. 0043-RI-CO-01H3.

An RI Report for OU2 was issued by EPA in January 2005 (TtNUS, 2005) (2005 RI Report) documenting the nature and extent of groundwater contamination resulting from past disposal practices at the former Raymark facility and presenting evaluations of the potential human health and environmental risks posed by the OU2 contaminants. The 2005 RI Report was developed based on data from field investigations and sampling performed in 2002 and 2003 (referred to jointly as 2002/3 investigations). The objective of this RI Update Report is to re-evaluate the conclusions of the 2005 RI Report and revise them as necessary based on the results of additional sampling performed in 2009 and 2010 and updated toxicity factors for several of the contaminants detected in OU2 groundwater and soil gas.

This RI Update Report describes the additional investigations performed in 2009 and 2010 (referred to jointly as the 2009/10 investigations) and presents an evaluation of changes in the nature and extent of groundwater and soil gas contamination between 2002/3 and 2009/10. This information and updated toxicity factors are used in this RI Update Report to evaluate and document the changes in potential human health and environmental risks associated with contaminants from the former Raymark facility.

Tasks completed during the 2009/10 investigations included: 1) an inspection and survey of existing OU2 study area monitoring wells; 2) well repairs; 3) a synoptic groundwater survey; 4) groundwater and soil gas sampling; and 5) test pit excavation and monitoring well installation at Synthetic Products (375 Barnum Avenue Cutoff, Stratford, CT). The data evaluations presented in this RI Update Report focus on the 2009/10 groundwater and soil gas sampling results, with comparisons to the results from the 2002/3 sampling. To ensure data comparability, the groundwater wells sampled in 2009/10 EPA investigation were selected from those sampled in

2002/3. The locations of groundwater and soil gas monitoring wells sampled in both 2009/10 and 2002/3 are shown on Figures 2-1 and 2-2 of this RI Update Report.

The major conclusions of the OU2 RI Update Report evaluations are as follows:

- Eight contaminants (trichloroethene [TCE] 1,1-dichloroethene [1,1-DCE], vinyl chloride; 1,1-dichloroethane (1,1-DCA), benzene, chlorobenzene, chloroform, and ethylbenzene) have been identified in this RI Update Report as OU2 contaminants of concern (COCs), based on the estimated human health risks from exposure to the contaminants through volatilization from OU2 groundwater into indoor air spaces. This is an increase from three identified COCs (TCE, 1,1-DCE, and vinyl chloride) in the 2005 RI Report. This increase in the number of identified COCs is the result of changes in the toxicity factors of several of the contaminants rather than an increase in detected concentrations in groundwater.

- Overall, groundwater contaminant concentrations are similar or have decreased slightly between the 2002/3 and the 2009/10 sampling rounds. Volatile organic compounds (VOCs) are present in both shallow and deep groundwater, with the highest concentrations detected at the former Raymark facility or just to the south. TCE remains at highest concentrations at recovery well RW-3 and in deep overburden and bedrock in the northern bedrock valley. 1,1-DCA, 1,1-DCE, and vinyl chloride remain at highest concentrations in deep overburden and bedrock in the southern bedrock valley. Figures 4-6 through 4-9 indicate that there has been no significant change in the shallow groundwater VOC plume and associated areas of concern for indoor air.

- Metals contamination in groundwater is likely related to releases originating at the Acid Neutralization Pits and Lagoon No. 4 Source Areas on the former Raymark facility (see Figure 5-2). Elevated concentrations of arsenic, which is mobilized under reducing conditions, have been observed in deeper portions of the aquifer downgradient and to the south of the former Raymark facility. However, arsenic concentrations have almost uniformly decreased in the intermediate and deep wells between 2002/3 and 2009/10. Arsenic does not appear to be mobilized to a significant extent by the presence of other groundwater contaminants at this time. Comparisons between 2002/3 and 2009/10

groundwater metals results indicate that metals concentrations have generally decreased.

- One NAPL recovery well was sampled in 2010; the sample consisted of a mix of groundwater and NAPL. Concentrations of six VOCs in the sample collected from the NAPL recovery well in 2010 exceeded concentrations reported in a 2003 sample from the same well, but the data from both events are consistent with the presence of a TCE-rich dense non-aqueous phase liquid (DNAPL) source located beneath the former acid neutralization pits at the former Raymark facility. Mass recovery rates from the NAPL collection system have been low, with 55 gallons of mixed NAPL/water recovered between 2003 and 2007.

- Soil gas sampling results are generally consistent between the 2003 and the 2009 sampling rounds, with highest concentrations detected along Ferry Boulevard (Figure 4-12). The 2003 and the 2009 soil gas sampling was conducted only in the area between Ferry Boulevard and the Housatonic River.

- Several known contaminant release areas (the reported toluene spill location, the former acid neutralization pits; the reported 1,1,1-Trichloroethane [1,1,1-TCA] spill location; the former Lagoon No. 4 location; waste lagoons at 540 Longbrook Avenue; and 600 East Broadway [waste from the former Raymark facility and others]) have acted as sources of contamination of the OU2 groundwater (TtNUS, 2005). Review of historical investigations and recent groundwater sampling data identified four source/release areas that are likely continuing sources of COCs to groundwater; these continuing source areas are the three former acid neutralization pits and the former Lagoon No. 4 location (Figure 5-2). The other historical source areas were determined to not be continuing sources of the OU2 COCs; however, residual levels of contaminants remain in groundwater in many of these areas.

- Evaluation of groundwater data indicates that anaerobic and aerobic biodegradation of chlorinated solvents is occurring. Anaerobic conditions persist in the downgradient wells located south of the former Raymark facility. Aerobic conditions are present in shallow wells located southwest of the former Raymark facility near the Housatonic River.

Aerobic degradation is assumed to be reducing vinyl chloride concentrations in shallow groundwater near the Housatonic River.

- The OU2 COCs have different fate and transport patterns, influenced by the source location, type of release, chemical characteristics, and groundwater flow and degradation pathways. The primary source of TCE appears to have been released as DNAPL in the former acid neutralization pits area. Some of the highest TCE concentrations detected in both 2002/3 and 2009/10 were observed in the low points in the northern bedrock valley (see Figure 4-1). TCE migration in the deep overburden and bedrock appears to trend toward the southwest, aligned with the northern bedrock trough. The former Lagoon No. 4 area appears to be the primary source area for 1,1-DCE and 1,1-DCA. The distribution of these compounds also appears to be influenced by the nature of the release of the parent material (i.e. DNAPL and/or degradation of DNAPL contaminants). Migration of these compounds in the deep overburden and bedrock appears to trend toward the southwest, aligned with the southern bedrock trough. Vinyl chloride has likely been produced by the sequential biodegradation (aerobic and anaerobic) of chlorinated solvents released at the former Raymark facility. Because it is produced by the degradation of other compounds, there was minimal change in the areal extent of vinyl chloride in groundwater between 2002/3 and 2009/10; however, vinyl chloride concentrations were observed to increase at some locations.

- There are no complete pathways for direct groundwater exposure for human receptors. This is because: 1) groundwater in the area is not used as a drinking water source; 2) groundwater in the area is classified as "*GB"* by the State of Connecticut, not suitable for human consumption without treatment; 3) there are currently no wells used for irrigation purposes in the area; and 4) construction and utility work are not likely to occur below the water table.

- Based on modeled estimates of indoor air concentrations, there is a potential for human health risk from exposure to OU2 COCs in groundwater, through volatilization into indoor air. Estimated human health cancer risks exceed the EPA cancer risk range (10^{-4} to 10^{-6}) and non-cancer HI's exceed one for residents and industrial/commercial workers exposed to shallow groundwater contaminants volatilizing into indoor air.

- Of the eight identified COCs listed above, four (1,1-DCA, 1,1-DCE, TCE, and vinyl chloride) have been identified as the primary COCs for residential properties and three (1,1-DCA, TCE, and vinyl chloride) have been identified as the primary COCs for industrial/commercial properties. Benzene, chlorobenzene, chloroform, and ethylbenzene are also considered to be possible COCs for both residential and industrial/commercial properties. However, because benzene, chlorobenzene, chloroform, and ethylbenzene were detected infrequently in shallow groundwater, their inclusion as risk drivers or COCs has very little impact on the estimated extent of the indoor air areas of concern. The estimated indoor air areas of concern, which have been revised from the 2005 RI Report based on the 2009/10 shallow groundwater data and updated toxicity factors, are presented on Figures 6-1 through 6-3.

- Based on the 2005 OU2 RI predictive models of groundwater contamination reaching Ferry Creek, surface water exposures are not expected to present a risk for future recreational users of Ferry Creek. Because groundwater contaminant concentrations have not changed significantly since the 2002/3 sampling round, and because there are no new toxicity values that would affect the analysis done in 2005, additional modeling of future surface water concentrations and associated human health risks was not performed in this OU2 RI Update Report.

- Based on the 2005 OU2 RI, risks to aquatic receptors from measured surface water and predicted future surface water concentrations of arsenic, zinc, and 1,1-DCE in Ferry Creek and TCE in the Housatonic River are negligible. Because there are no new ecological toxicity values that would affect the analysis done in 2005, no revisions were made to the ecological risk estimates during preparation of this OU2 RI Update Report.

- The evaluation of the 2002/3 and 2009/10 analytical data identified data gaps and a need for further indoor air evaluation at the residential condominium complex located southeast of the former Raymark facility and on the east side of the indoor area of concern and at commercial/industrial properties (Figures 4-10 and 4-11). Additional investigations are recommended to address these data gaps.

1.0 INTRODUCTION

The United States Environmental Protection Agency (EPA) has designated groundwater contamination associated with the former Raymark Industries, Inc. Facility (former Raymark facility), located in Stratford, Fairfield County, Connecticut, as Operable Unit No. 2 (OU2) of the Raymark Industries, Inc. Superfund Site (the Site). A Remedial Investigation (RI) Report for OU2 was issued by EPA in January 2005 (TtNUS, 2005) (2005 RI Report) documenting the conclusions of field investigations performed in 2002 and 2003 (referred to jointly as 2002/3 investigations). The objective of this RI Update Report is to re-evaluate the conclusions of the 2005 RI Report and revise them as necessary based on the results of additional field investigations performed in 2009 and 2010 (referred to jointly as the 2009/10 investigations) and updated toxicity factors for several of the contaminants detected in OU2 groundwater and soil gas.

This RI Update Report describes the 2009/10 investigations and presents an evaluation of changes in the nature and extent of groundwater and soil gas contamination and contaminant migration between 2002/3 and 2009/10. The conclusions regarding the current nature, extent, and migration of contaminants, and the updated toxicity factors are used to evaluate and document any changes in potential human health and environmental risks associated with contaminants from the former Raymark facility.

Because this Report is an update to the 2005 RI Report, it does not reproduce all of the information in the original RI, but rather refers to discussions and figures included in the 2005 RI Report where necessary. This OU2 RI Update Report was prepared by Nobis Engineering, Inc. (Nobis), as authorized by the United States Environmental Protection Agency (EPA) under Remedial Action Contract No. EP-S1-06-03, Task Order No. 0043-RI-CO-01H3.

As requested by EPA, this OU2 RI Update Report was prepared in accordance with the *Interim Final Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA* (EPA, 1988) and is consistent with the requirements of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) as well as the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended by the Superfund Amendments and Reauthorization Act (SARA).

The overall objective of this OU2 RI Update Report is to update the conclusions of the 2005 RI Report, as necessary based on the 2009/10 data and revised toxicity factors for several OU2 contaminants, to provide the required documentation to support a Feasibility Study (FS) and the selection of a cleanup remedy in a Record of Decision (ROD). The specific objectives of this OU2 RI Update Report are to:

- Compile and evaluate all available data through 2010 necessary to characterize the OU2 study area conditions pertinent to groundwater contamination ("study area" as defined on Figure 1-2 in the 2005 RI Report). The 2009 groundwater monitoring well data (2009) and the 2010 NAPL recovery well data (2010) (2009/10 data) are compared to prior data (2002/3) provided in the 2005 RI Report to determine changes in the nature and extent of contamination in the groundwater within the OU2 study area;

- Utilize 2009/10 data, as well as the 2002/3 data, and updated toxicity factors, to evaluate the risks to human health and the environment posed by contaminated groundwater within the OU2 study area;

- Serve as an updated data resource for developing, screening, and evaluating potential remedial alternatives in the Feasibility Study (FS) that will address the groundwater contamination within the OU2 study area; and

- Determine the completeness of site characterization and identify any data gaps.

2.0 FIELD INVESTIGATIONS

Section 2.0 provides details and descriptions of field investigations performed in 2009 and 2010 to further characterize and evaluate the nature and extent of contamination associated with the former Raymark facility and environs.

The 2009 and 2010 groundwater and soil gas investigations included:

- An inspection and survey of existing OU2 study area monitoring wells;
- Well repairs;
- A synoptic groundwater elevation survey;

- Groundwater and soil gas sampling at selected locations throughout the OU2 study area; and
- Test pit and monitoring well installation at 375 Barnum Avenue Cutoff, Stratford, CT.

Inspection and Survey

A well inspection and inventory program was performed within the OU2 study area from July 20, 2009 through July 29, 2009. The well inspection included the known monitoring wells associated with the OU2 study area, excluding the 53 monitoring wells located on the former Raymark facility. Given the large number of wells and the local infrastructure improvement activities occurring within the OU2 study area, not all wells were located or found to be useable. Some wells were found to have been damaged or destroyed as the result of local activities (e.g., the new I-95 interchange constructed by the Connecticut Department of Transportation within the study area destroyed a number of wells). In total, 195 groundwater wells and 25 soil gas wells were located, and the conditions of these wells were evaluated and documented (Table 2-1).

During the inspection of these wells, 101 groundwater monitoring wells and 25 soil gas wells were selected for sampling to be performed later in 2009 (See Appendix A for a discussion on selection of monitoring well locations and Tables 2-2 and 2-3 for identification of groundwater and soil gas wells sampled). In general, groundwater sampling locations were selected as follows: 1) shallow groundwater wells in the vicinity of soil gas probes; and 2) medium and deep overburden, and bedrock wells with potential to discharge from the deeper aquifer into shallow groundwater, Ferry Creek, or the Housatonic River. Note that this inspection and survey of groundwater monitoring wells and soil gas wells does not include the 53 post-closure groundwater wells located on the former Raymark facility, as these were sampled by the Connecticut Department of Energy and Environmental Protection (CTDEEP). Note that CTDEEP is the former CTDEP, the Connecticut Department of Environmental Protection; references to state regulations and activities continue to refer to CTDEP in some instances. The post closure (PC) wells are also listed on Table 2-2 and sample results were incorporated into the discussion of groundwater flow for the OU2 study area.

Well Repair

In October 2009, field personnel returned to the OU2 study area with a drilling subcontractor to perform the required monitoring well repairs (Table 2-1). Monitoring well repairs were performed between October 6, 2009 and October 23, 2009.

Synoptic Groundwater Survey

A synoptic groundwater level survey was performed on October 19, 2009 and October 20, 2009. The survey was coordinated between EPA and the CTDEEP, with CTDEEP measuring groundwater levels at 50 post closure wells on the former Raymark facility and EPA measuring groundwater levels at 179 wells in the remainder of the OU2 study area, for a total of 229 wells. Groundwater elevation measurements from 2009 are presented on Table 2-4.

Groundwater and Soil Gas Sampling

In October and November 2009, groundwater and soil gas samples were collected throughout the OU2 study area in accordance with the *Quality Assurance Project Plan* (Nobis, 2009) from 91 groundwater monitoring wells and 25 soil gas wells. Note that 10 of the 101 monitoring wells selected for sampling from the July 2009 inspection and survey were not usable for the groundwater sampling in October and November 2009; therefore, groundwater sampling results were reported for only 91 of the wells selected for groundwater sampling (Table 2-2).

Groundwater sampling was performed in accordance with the EPA Region 1 procedure for *Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells, Revision 2* (EPA, 1996). Groundwater samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), metals, and dioxins and furans.

Soil gas was extracted from soil gas monitoring wells into Tedlar bags and analyzed in the field by an EPA Mobile Field Laboratory for 1,1,1-Trichloroethane (1,1,1-TCA), 1,1-Dichloroethene (1,1-DCE), cis-1,2-Dichloroethene (cis-1,2-DCE), Tetrachloroethene (PCE), and Trichloroethene (TCE). Confirmation samples collected in summa canisters from five locations were sent to the EPA New England Regional Laboratory (NERL) for fixed laboratory analysis.

The 91 EPA groundwater monitoring wells that were sampled during both the 2002/3 sampling event documented in the 2005 RI Report, and the 2009/10 sampling event are listed on Table 2-2 and depicted on Figure 2-1 in this OU2 RI Update Report. All EPA groundwater wells sampled in 2009/10 were also sampled in 2002/3. A list of all Site groundwater monitoring wells sampled in 2002/3 is provided in the 2005 RI Report (TtNUS, 2005, Table 2-2). The 25 soil gas wells that were sampled in both 2003 and 2009 are listed on Table 2-3 and depicted on Figure 2-2 in this OU2 RI Update Report. All soil gas wells sampled in 2009/10 were also sampled in 2002/3.

Also in 2009, CTDEEP completed two groundwater sampling events: a semi-annual event including sampling of 12 of the 53 post closure (PC) wells located on the former Raymark facility, and a comprehensive 5-year sampling event that included sampling 52 of the 53 PC wells. The small semi-annual event was performed on May 12, 2009 and the comprehensive 5-year event was conducted on November 2 and November 6, 2009. Both events included analysis of all samples for VOCs only. The PC well sampling locations are also depicted on Figure 2-1 in this OU2 RI Update Report. Data from both sampling events are included in this OU2 RI Update Report.

The aqueous phase discharge from the NAPL recovery well, RW-3, located on the former Raymark facility (see Figure 2-1), was sampled by CTDEEP on September 9, 2010.

Analytical results for the 2009/10 groundwater and soil gas and NAPL recovery well sampling, as well as all previous groundwater and soil gas and NAPL recovery well sampling rounds, are presented in Appendix B.

Test Pit and Monitoring Well Installation at Synthetic Products

An investigation of the Synthetic Products property (375 Barnum Avenue Cutoff), performed by Conestoga Rovers Associates (CRA, 1996), concluded that contaminants may be migrating onto the Synthetic Products property through groundwater via a preferential pathway associated with the trunk line sewer and its associated backfill that runs through the former Raymark facility and the Synthetic Products property. CRA had installed two wells, CRA-6 and CRA-8, in or near the sewer line backfill on the Synthetic Products Property. Contamination was found in these wells, which raised concerns that the backfill material surrounding the sewer line could be acting

as a preferential pathway to allow contaminated groundwater to migrate from the former Raymark facility downgradient to the Synthetic Products property.

On November 17, 2009, a test pit was excavated to evaluate whether there was contaminant migration from the former Raymark facility onto the Synthetic Products property. An associated monitoring well, SP-1, was completed on November 19, 2009 and subsequently sampled on November 30, 2009. SP-1 groundwater analytical results are included in Appendix B and were provided to staff at the Resource Conservation and Recovery Act (RCRA) Section of EPA. No VOCs or other Raymark site-related contaminants were detected in the sample collected from well SP-1, indicating that the sewer line was not acting as a preferential pathway for migration of Site contaminants. Based on these sampling results, no further investigation of the property is anticipated as part of the RI.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

Physical characteristics of the OU2 study area are described in Section 3.0 of the 2005 RI Report. This section of the RI was not updated.

4.0 NATURE AND EXTENT OF CONTAMINATION

Section 4.0 summarizes the analytical results collected during the 2009/10 investigations and updates the understanding of nature and extent of contamination in groundwater and soil gas beneath and downgradient of the former Raymark facility. Investigations performed prior to 2005 were summarized in the 2005 RI Report in Section 4.0. Section 4.0 of this OU2 RI Update Report includes:

- A discussion of the nature and extent of contamination in the groundwater based on the 2009/10 data with a comparison to the 2002/3 results described in the 2005 RI Report; and

- A discussion and comparison of the nature and extent of contamination in soil gas based on both the 2003 and 2009 data.

The primary focus of this nature and extent discussion is on the results of the 2009/10 groundwater and soil gas sampling, with comparisons to the results from the 2002/3 sampling.

The results for one aqueous phase sample collected from the NAPL recovery well (RW-3) sampled by CTDEEP in 2010 are also discussed. Analytical results from the 2009/10 sampling by EPA and the CTDEEP are included in Appendix B of this OU2 RI Update Report. Data from previous sampling events, including those evaluated in the 2005 RI Report, are also included in Appendix B.

No new indoor air, surface water, sediment, pore water, or NAPL samples were collected during the 2009/10 sampling (an aqueous phase sample was collected from one of the NAPL recovery wells but no NAPL samples were collected). Please refer to the 2005 RI Report for detailed discussions of samples collected from these media.

The paragraphs below provide an overview of the results of the nature and extent evaluation. Details of the evaluation of contamination in groundwater and soil gas are presented in Sections 4.1 and 4.2, respectively.

VOCs were commonly and widely detected in the OU2 groundwater at concentrations exceeding levels of concern for vapor intrusion of groundwater contaminants into indoor air. Based on comparisons of the 2002/3 and 2009/10 groundwater sampling results, there is a slight decrease in VOC contamination levels in OU2 groundwater. The highest concentrations of 1,1,1-TCA, 1,1-DCE, 1,2-dichloroethane (1,2-DCA), chlorobenzene, PCE, TCE, and vinyl chloride continue to be detected at the former Raymark facility or just to the south. In general, there has been a small decrease in extent of VOC groundwater contamination since the 2002/3 sampling round. However, the evaluations and figures presented in Section 4.1 show that between 2002/3 and 2009/10 there was no significant change in the extent of the shallow groundwater VOC plume that may pose a vapor intrusion concern.

SVOCs, pesticides, PCBs, and dioxins/furans were detected infrequently and at relatively low concentrations in groundwater samples throughout the OU2 study area. No significant changes have occurred between the 2002/3 and 2009/10 sampling.

Metals contamination in groundwater from the acid neutralization pits on the former Raymark facility (see Figure 1-2, TtNUS, 2005) was most noticeable southwest and south of the former Raymark facility and in the deep overburden and bedrock associated with the southern bedrock

valley. Comparisons of 2002/3 and 2009/10 groundwater metals results for these areas indicate that metals concentrations have generally decreased in both areas.

Soil gas concentrations of 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and TCE are generally consistent between the two sampling rounds with some increases and some decreases in specific wells, but with highest concentrations detected along Ferry Boulevard (east and southeast of the former Raymark facility).

Details of the evaluation of the nature and extent of contamination in groundwater and soil gas are presented below in Subsections 4.1 and 4.2.

4.1 Nature and Extent of Contamination in Groundwater

The results of groundwater contamination investigations conducted in 2009/10 by EPA and CTDEEP are combined in this OU2 RI Update Report. Groundwater samples were collected from bedrock and overburden aquifers to evaluate the extent of groundwater contamination that may have resulted from the past practices of Raymark Industries, Inc. As stated in Section 2.1, Figure 2-1 depicts the 143 groundwater monitoring wells that were sampled in common for both 2002/3 and 2009/10 (91 study area groundwater monitoring wells and 52 post-closure groundwater monitoring wells on the former Raymark facility; monitoring well MW-PC02M is shown on the figure, but was damaged and not sampled).

In order to provide a consistent basis for comparison, only wells that were sampled both in 2002/3 and 2009/10 were considered in this OU2 RI Update Report to evaluate changes in the nature and extent of groundwater contamination within the OU2 study area. This includes all the wells sampled in 2009/10, but only approximately 55 percent of the wells sampled in 2002/3. Please refer to the 2005 RI Report for more detailed information on the sample results from wells not included in the 2009/10 sampling event. For the 143 wells that are evaluated in this OU2 RI Update Report, comparisons are made between data from the 2002/3 and 2009/10 sampling events. See Table 2-2 for the list of wells included in the 2009 sampling and Appendix A for the rationale for selection of proposed monitoring wells for the 2009 investigation.

With some exceptions at individual wells, the 2009/10 groundwater sampling results indicate that the plume dimensions and concentrations have generally decreased between 2002/3 and

2009/10. The patterns of contamination identified in the 2009/10 source area sampling are generally consistent with the source information presented in the 2005 RI Report, Section 4.1.1. The groundwater elevation data collected during the 2009/10 sampling event is generally consistent with that collected in the 2002/3 event and, thus, the groundwater flow directions depicted on the 2005 RI Report, Figures 3-7 and 3-8, are representative of the groundwater flow patterns observed during the 2009/10 sampling. This compatibility supports the assertion that the images in this OU2 RI Update Report are consistent with the contaminant distribution shown in the 2005 RI Report. Section 5 presents further discussion of groundwater flow and a shallow groundwater contour figure.

The groundwater analytical results are summarized in this section according to class of chemical compounds detected (i.e., VOCs, SVOCs, pesticides, PCBs, metals, and dioxins and furans) and by aquifer (overburden, bedrock). This presentation is consistent with the presentation of nature and extent of groundwater contamination presented in the 2005 RI Report. Additional details are included in Appendix C as a supplement to Section 4.0, Nature and Extent of Contamination.

In the summaries in Subsections 4.1.3 through 4.1.7 and in Appendix C, the groundwater analytical results were compared to the following screening criteria, as applicable:

- Maximum upgradient/cross-gradient concentrations from the 2002/3 sampling, as reported in the 2005 RI Report, Table 4-4;

- EPA residential vapor intrusion screening levels (groundwater concentration screening levels based on residential indoor air risks adjusted to correspond to an HQ of 0.1 and cancer risks of 1×10^{-6}) provided in Appendix D-1; and

- State of Connecticut Remediation Standards Regulations (RSRs) Groundwater Surface Water Protection Criteria (SWPC) (CTDEP, 1996).

The EPA residential vapor intrusion screening levels used in these evaluations were developed based on the EPA Vapor Intrusion Guidance (EPA, 2002), adjusted in two ways; first, to reflect current toxicity values using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs (EPA, 2012) and second, to correspond to an HQ of 0.1 and

cancer risks of 1×10^{-6}, under a residential scenario. These twice-adjusted residential vapor intrusion screening levels were used to aid in the evaluation of the nature and extent of groundwater contamination. Supporting documentation for these 2012 adjusted vapor intrusion screening levels for residential scenarios is provided in Appendix D-1.

The OU2 study area includes both residential and commercial properties. However, for purposes of a consistent and conservative nature and extent discussion, residential vapor intrusion screening levels were used for overall evaluation of contaminant nature and extent. Industrial vapor intrusion screening levels are used later in this report to aid in defining areas of concern for industrial properties. Supporting documentation for these 2012 adjusted vapor intrusion screening levels for industrial scenarios is provided in Appendix D-2.

It is noted that the 2005 RI Report used different vapor intrusion screening criteria. In that report the March 2003 CTDEP "Proposed Revisions" to Connecticut's RSR Volatilization Criteria (CTDEP, 2003) were used for comparisons to groundwater data. However, the proposed revisions were never promulgated; therefore, they were concluded to be unsuitable for use in this OU2 RI Update Report.

4.1.1 Groundwater Datasets

The discussion of nature and extent of groundwater in Sections 4.1.3 through 4.1.7 utilized data from upgradient wells, the overburden aquifer, the bedrock aquifer, and the NAPL recovery well. These datasets are discussed briefly below.

Upgradient Wells

Four upgradient wells (MW-309S, MW-501 S, MW-501D, and MW-501B) were sampled in the 2009/10 sampling. A comparison of the 2009/10 data from these wells to the 2002/3 data from the same wells indicates that upgradient conditions have not changed significantly since 2002/3 (Tables 4-1 and 4-2). Because a larger number of upgradient wells were sampled in 2002/3, the 2002/3 results from all the upgradient wells are considered representative of current upgradient conditions and are used for comparison to the 2009/10 groundwater data (2005 RI Report, Table 4-4).

Overburden Aquifer Data

In 2009, a total of 121 groundwater samples were collected from 114 monitoring wells screened in the overburden aquifer in the OU2 study area (three of the four upgradient locations are overburden wells and were not included in the well total). Of the OU2 study area samples, all 121 were analyzed for VOCs (including 7 duplicate pairs); 81 were analyzed for SVOCs, Polycyclic Aromatic Hydrocarbons by Selective Ion Monitoring (PAHs), metals, and pesticides and PCBs; and 40 were analyzed for dioxins and furans. Samples from the three upgradient locations were analyzed for VOCs, SVOCs, PAHs, pesticides and PCBs, and metals. Samples from two of the upgradient overburden locations were analyzed for dioxins and furans. Table 4-3 presents summary statistics for the 2009/10 overburden groundwater data and the criteria used for comparison; the results are discussed in Sections 4.1.3 through 4.1.7.

Shallow overburden groundwater quality data were used to assess the potential for vapor intrusion into homes and buildings located within the OU2 study area.

Bedrock Aquifer Data

In 2009, a total of 25 groundwater samples were collected from the 25 monitoring wells screened in the bedrock aquifer in the OU2 study area. All 25 samples were analyzed for VOCs and 11 were analyzed for SVOCs, PAHs, pesticides and PCBs, and metals. None of the bedrock groundwater samples was analyzed for dioxins and furans. One of the four upgradient locations is a bedrock well and is not included in the well total. Samples from this location were analyzed for VOCs, SVOCs, PAHs, pesticides and PCBs, and metals. Table 4-4 presents summary statistics for the 2009/10 bedrock groundwater data and the criteria used for comparison; the results are discussed in Sections 4.1.3 through 4.1.7.

NAPL Recovery Well Data

As part of the Raymark cleanup strategy as described in the Record of Decision (ROD) for the former Raymark facility (EPA, 1995), part of the remedy was to include removal of NAPL to the reasonable extent practicable and send it off-site. NAPL was to be measured and removed from the (then) two existing on-site monitoring well clusters. If successful, removal would continue until the wells were decommissioned during capping activities, and then new recovery wells would be constructed. According to the *NAPL Interim Removal Field Evaluation Report*, the two

monitoring well clusters were pumped to remove NAPL during the demolition phase, and the information from this removal was used in the design of the currently installed NAPL extraction system (Foster Wheeler, 1996).

The NAPL extraction system was constructed in the western portion of the former Raymark facility where the concentrations of VOC contaminants were greater than 1 percent of the solubility limit in groundwater and the nature of the source areas indicated that it was likely that NAPL was released to the environment in this area. The system consisted of five extraction wells with dedicated pumps, conveyance piping, and a storage tank with secondary containment in the West Treatment Building. In 2004, a small hole, caused by corrosion from the low pH of the tank contents, was discovered in the storage tank and the operation of the NAPL recovery system was suspended. In June 2005, the NAPL storage tank was replaced with a 1,000-gallon fiberglass-reinforced plastic tank and the operation of the NAPL recovery system was resumed. The system is operated manually by the CTDEEP. A replacement solar power pump was installed in 2006

Since the construction of the NAPL extraction system, NAPL recovery has been low, and only one well, RW-3, has actually produced any NAPL. Approximately 55 gallons of mixed NAPL/water has been extracted from RW-3 between 2003 and 2007. Well redevelopment to optimize NAPL recovery was performed in 2001.

In 2010, CTDEEP collected a sample of the aqueous phase discharge from one NAPL recovery well (RW-3) and analyzed the sample for VOCs. The sample was collected after the well had been allowed to equilibrate without pumping for a few weeks to allow DNAPL to accumulate in the well and sump. RW-3 is screened within the overburden aquifer from a depth approximately 11 to 60 feet below ground surface. This well had previously been sampled in 2003 following purging, with the results presented in the 2005 RI Report. Table 4-5 presents the analytical results for both the 2003 and 2010 sampling of this well. The results are discussed in Section 4.1.3.

4.1.2 Groundwater Data Presentation

The discussion of nature and extent of groundwater in Sections C.1.1 through C.1.5 utilized plume maps and data summary tables to augment the discussion. These plume maps and data summary tables are discussed briefly below.

Plume Maps Creation

The spatial distribution of groundwater contamination was modeled and is shown on accompanying Figures 4-1 to 4-5. Contours were estimated using the natural neighbor interpolation method. No anisotropy was incorporated into the plan view figures. Natural neighbor with an anisotropy ratio of 25:1 (horizontal: vertical) was utilized for estimating contaminant concentration contours in the cross sections. Spatial coordinates and the chemical analytical data for each monitoring location were used to: 1) contour contaminant concentrations in a given layer; and 2) produce two-dimensional images of the distribution of contaminants throughout the OU2 study area. Plume maps were created for 1,1-DCE, 1,1-DCA, TCE, and vinyl chloride at each of four screen depth designations – shallow, medium, and deep overburden, and bedrock. The wells used in each of the depth intervals presented in the figures were selected based on the depth designation of each of the wells as opposed to by screen elevation. Appendix B-6 presents a list of the wells included for each depth interval. Every well location does not have a well at all four depth intervals; therefore, the nature of the inferred plume patterns is influenced by differing spatial coverage at each depth interval.

In order to provide a better comparison between the two sampling events (2002/3 and 2009/10), only the 143 wells that were sampled by EPA or CTDEEP during both sampling events have been included on the figures. Note that analytical results from RW-3 (sampled in 2010) have been included on these figures as they are representative of groundwater concentrations in the former acid neutralization pit area. System performance sampling results for RW-3 collected in 2003 were used in generating the comparison for 2002/3 and the system performance sample from 2010 was included for the development of the 2009/10 figures. Analytical results from this well are presented on Table 4-5 and in Appendix B.

Data Summaries

Tables 4-3 and 4-4 provide statistical data summaries, including the frequency of detection and frequency of exceedances of upgradient concentrations and comparison criteria, for detected compounds in groundwater samples collected in 2009 from the overburden and bedrock aquifers, respectively. These tables summarize the analytical results for overburden and bedrock aquifers and show the range of detected concentrations and the average concentrations for detected compounds in 2009/10. Comparisons of the average detected concentrations in wells sampled in both 2002/3 and 2009/10 are presented on Tables 4-6 and 4-7. Appendix E, Tables E-1 and E-2, present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above screening levels to facilitate well-by-well comparison. The groundwater analytical results are presented on a disk in Appendix B.

Table 4-8 presents a focused comparison of eleven VOCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, xylene, TCE, and vinyl chloride) between 1997, 2002/3, and 2009/10 sampling rounds for the wells sampled during all three rounds to present trends over a longer time frame.

The following sections describe the groundwater data for each analyte group in greater detail. The final paragraphs of each of the following subsections summarize the comparison of 2009/10 contaminant results to the results described in the 2005 RI Report. Appendix C presents details on the nature and extent of each contaminant group. Appendix E presents individual well data.

4.1.3 Volatile Organic Compounds in Groundwater

VOCs were the most commonly and widely detected chemical class in the groundwater that can be considered entirely the result of man-made sources. Data summaries for individual VOCs are presented in Table 4-3 for the overburden aquifer and Table 4-4 for the bedrock aquifer.

The nature and extent of the VOCs exceeding Connecticut's SWPC and/or EPA's residential 2012 adjusted Vapor Intrusion Screening Levels, as well as changes between 2002/3 and 2009/10 analytical results, are summarized below and described in detail in Appendix C. The tables and the discussions in Appendix C present groundwater results by grouping shallow,

intermediate, and deep overburden groundwater results together, with bedrock groundwater results presented separately.

Figures 4-1 through 4-4 present interpreted 2002/3 and 2009/10 spatial distributions of 4 of the 28 identified VOCs throughout the OU2 study area at each of four depth intervals – shallow, medium, and deep overburden, and bedrock. The four VOCs selected for presentation (trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), and vinyl chloride) were those detected most frequently in OU2 groundwater at concentrations exceeding the 2012 adjusted vapor intrusion screening levels and were also those present at the highest concentrations relative to the screening levels. The shallow overburden depth interval on each of these figures illustrates the extent of contamination in the groundwater near the water table, and enables the reader to identify areas where the upward migration of vapors into basements may be of greatest concern. The bedrock groundwater depth interval on each of these figures presents the bedrock topography.

Additional figures are presented in Appendix C depicting the concentrations of several individual VOCs in monitoring wells throughout the OU2 study area relative to vapor intrusion screening levels. Figures are included for the four VOCs identified above as well as for four additional VOCs that were detected infrequently in shallow groundwater at concentrations exceeding the 2012 adjusted vapor intrusion screening levels.

Figure 4-5 presents cross-sectional views for TCE that depict the vertical contamination of TCE. This figure is included because, in the 2005 RI Report, TCE was identified as the contaminant of greatest concern through groundwater comparisons to volatilization criteria; through indoor air modeling from shallow groundwater concentrations and associated potential risks; and through examination of indoor air sampling results and associated risks.

Figures 4-1 through 4-5 use residential groundwater vapor intrusion comparison levels based on HQs of 1.0 and cancer risk of 1×10^{-5} for comparison purposes. The comparison standards (groundwater vapor intrusion comparison levels) for TCE have changed since the 2005 RI Report from 27 µg/L for residential and 67 µg/L for industrial/commercial (based on the then proposed Connecticut groundwater volatilization criteria) to 5.2 µg/L for residential exposures and 22 µg/L for industrial/commercial exposures, based on HQs of 1.0 and 1×10^{-5} cancer risk. The 2005 residential groundwater vapor intrusion comparison levels are ten times the 2012

adjusted residential vapor intrusion screening levels presented in Appendix D-1; the 2005 industrial/commercial groundwater vapor intrusion comparison levels are also ten times the 2012 adjusted industrial/commercial vapor intrusion screening levels presented in Appendix D-2. The TCE contaminant presentation in this Report has been updated for the revised comparison levels in Figures 4-1, 4-5 through 4-7, 4-10, and 4-11. The revised comparison levels are identified in the color scales for each of the figures.

See Appendix C for the details on the nature and extent of VOC contamination, considering the 2009/2010 data.

Summary of 2009/10 Overburden Groundwater VOC Results

As shown on Table 4-3, the concentrations of 15 VOCs exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one overburden groundwater sample within the OU2 study area collected during 2009/10. Only three VOCs exceeded Connecticut's SWPC in overburden groundwater. The highest concentrations of 11 of the VOCs in overburden groundwater were detected at the former Raymark facility (1,1,1-TCA, 1,1,2-TCA, 1,1-DCE, chlorobenzene, ethylbenzene, m,p-xylene, MTBE, methylene chloride, PCE, TCE, and vinyl chloride). The highest concentrations of the remaining 4 VOCs (1,1-DCA, 1,2-DCA, benzene, and chloroform) in overburden groundwater (excluding the NAPL recovery well) were detected in monitoring well(s) located south of the former Raymark facility.

Summary of 2009/10 Bedrock Groundwater VOC Results

As shown on Table 4-4, the concentrations of 11 VOCs exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one bedrock groundwater sample collected during the 2009/10 sampling. Only two VOCs exceeded Connecticut's SWPC in bedrock groundwater. The highest concentrations in bedrock groundwater of 1,1,1-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, benzene, chlorobenzene, chloroform, and PCE were detected at the former Raymark facility; whereas the highest concentrations in bedrock groundwater of 1,1,2-TCA, TCE, and vinyl chloride were detected in monitoring wells located south of the former Raymark facility.

Overburden versus Bedrock VOC Results Comparison

The depth of maximum concentrations varies by contaminant. Concentrations of 1,1-DCA and 1,2-DCA in bedrock (at the former Raymark facility) exceeded the maximum concentrations detected in overburden (found in monitoring wells located south of the former Raymark facility). Concentrations of 1,1,1-TCA, 1,1,2-TCA, 1,1-DCE, chloroform, PCE, TCE, and vinyl chloride in deep overburden exceeded the maximum concentrations detected in bedrock. Concentrations of benzene and chlorobenzene in shallow overburden exceeded the maximum concentrations detected in deep overburden or bedrock. Note that deep overburden and bedrock contamination is not assumed to be an issue for vapor intrusion.

Summary of 2010 NAPL Recovery Well VOC Results

As shown on Table 4-5, the concentrations of six VOCs (1,1,1-TCA, 1,1-DCA, styrene, PCE, toluene, and TCE) in the 2010 RW-3 NAPL recovery well sample exceeded the residential 2012 adjusted vapor intrusion screening levels. The sample was an aqueous phase sample collected from the discharge stream of the well's pump. This well is screened within the overburden aquifer from approximately 11 to 60 feet below ground surface. Results of this well and overburden and bedrock groundwater wells at the former Raymark facility are consistent with the presence of a TCE-rich dense non-aqueous phase liquid (DNAPL) source beneath the former acid neutralization pits at the former Raymark facility as described in Section 5.3 of this Update and in the 2005 RI Report Section 5.2. No NAPL samples were collected during the 2009/10 sampling.

Comparison of 2002/3 and 2009/10 Groundwater VOC Results

The 2005 RI Report noted that the concentrations of 1,1,1-TCA, 1,1-DCE, 1,2-DCA, chlorobenzene, toluene, PCE, TCE, and vinyl chloride were most abundant beneath the former Raymark facility. Maximum concentrations of each of these VOCs were greater in the 2002/3 sampling round than in the 2009/10 sampling round. The 2009/10 sampling results indicate that the highest concentrations of 1,1,1-TCA, 1,1-DCE, 1,2-DCA, chlorobenzene, toluene, PCE, TCE, and vinyl chloride continue to be detected at the former Raymark facility or just to the south.

Tables 4-6 and 4-7 provide comparisons of the 2002/3 and 2009/10 average detected concentrations across the 143 common wells sampled in both rounds in the overburden and the bedrock. Based on these comparisons, the 2009/10 analytical sampling results do not indicate a significant change in VOC contamination levels. In general, the nature and extent of VOC groundwater contamination indicates small decreases in concentrations since the 2002/3 sampling round.

Appendix E, Tables E-1 and E-2, present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above 2012 adjusted vapor intrusion screening levels or Connecticut's SWPC to facilitate a well-by-well comparison. Well-by-well comparison of 2002/3 and 2009/10 results from the wells across the former Raymark facility show slight decreases in VOC concentrations across the former Raymark facility for these and other VOCs.

Maximum 2009/10 detected overburden groundwater concentrations of several of the VOCs were detected to the south of the former Raymark facility. Well-by-well comparison of 2002/3 and 2009/10 results from the area south of the former Raymark facility along Barnum Avenue Cutoff indicates that concentrations of VOCs in that area have also generally decreased slightly. The overburden groundwater concentrations of 1,1,1-TCA, 1,1,2-TCA, and 1,1-DCE at the location of highest 2009/10 concentrations in overburden (MW-PC02D) were less than they had been in the 2002/3 sampling at the same location.

Seven additional VOCs (1,1,2-TCA, 1,1-DCA, chloroform, ethylbenzene, m,p-xylene, MTBE, and methylene chloride), which were present in the samples but not discussed in the 2005 RI Report, were identified in the 2009/10 sampling at concentrations above 2012 adjusted vapor intrusion screening levels. The increase in the number of contaminants exceeding screening levels in the 2009/10 samples relative to earlier sampling reflects a decrease in the screening levels rather than an increase in detected concentrations. Maximum 2009/10 detected concentrations of these VOCs are similar to or somewhat lower than those detected in the 2002/3 sampling round. Well-by-well comparisons and comparisons of OU2 study area average concentrations also show slight decreases in concentrations of these VOCs across the OU2 study area.

To present trends over a longer time frame, a focused comparison of eleven VOCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, xylene, TCE, and vinyl chloride) between 1997, 2002/3, and 2009/10 sampling rounds was conducted for the wells sampled during all three rounds. Data from the 1997 and 2002/3 sampling rounds were presented and discussed in the 2005 RI Report. The concentrations of these eleven VOCs detected in the groundwater during the 2009/10 sampling were compared to the concentrations detected in 1997 and 2002/3. The comparison was limited to a smaller subset of 73 wells from which samples were collected and analyzed for VOCs during all three time periods. Table 4-8 provides a statistical summary and comparison of the three datasets. Table 4-9 provides a list of these 73 wells.

Detection frequencies and the number of exceedances of the 2012 screening levels for 1,1,1-TCA, 1,1-DCE, ethylbenzene, xylene, and TCE in the 2009/10 data remained approximately the same or lower than in the data from previous rounds of sampling at these wells. The detection frequency and the number of exceedances of the 2012 screening levels for 1,1,2-TCA, 1,1-DCA, benzene, chlorobenzene, chloroform, and vinyl chloride increased between the 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round.

Maximum detected concentrations and average concentrations of 1,1,1-TCA, benzene, and chlorobenzene have decreased over time. Maximum detected concentrations of 1,1-DCE and vinyl chloride have also decreased over time; however, average concentrations for 1,1-DCE and vinyl chloride do not show a clear trend.

Maximum detected concentrations and average concentrations of 1,1,2-TCA, chloroform, ethylbenzene, and TCE increased between 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round. Maximum detected concentrations of 1,1-DCA have increased somewhat over time; however, average concentrations fluctuated within the same concentration level. Maximum detected concentrations of xylene increased slightly between the 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round; average concentrations have decreased over time. In summary, VOC contamination appears to be decreasing over time.

Figures 4-1 through 4-8 present interpreted 2002/3 and 2009/10 spatial distributions of TCE, 1,1-DCE, 1,1-DCA, and vinyl chloride throughout the OU2 study area and the extent of these

four contaminants in shallow groundwater at concentrations exceeding groundwater vapor intrusion comparison levels. As described previously, these four VOCs were detected most frequently in OU2 groundwater at concentrations exceeding vapor intrusion screening levels and were also present at the highest concentrations relative to the screening levels. These four VOCs are identified as the primary risk drivers for vapor intrusion exposures (see Section 6 for details on selection of risk drivers). Observations from Figures 4-1 through 4-8 are described below.

Figure 4-1 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for TCE. In general, TCE concentrations appear to have decreased between 2002/3 and 2009/10 at each depth, except at the recovery well. TCE remains at highest concentrations at the recovery well and in deep overburden and bedrock in the northern bedrock valley.

Figure 4-2 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for 1,1-DCE. In general, 1,1-DCE concentrations appear to have decreased between 2002/3 and 2009/10 at each depth. 1,1-DCE remains at highest concentrations in deep overburden and bedrock in the southern bedrock valley.

Figure 4-3 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for vinyl chloride. In general, vinyl chloride concentrations appear to have decreased between 2002/3 and 2009/10 at each depth. High concentrations remain in the intermediate and deep overburden above the southern bedrock valley.

Figure 4-4 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for 1,1-DCA. In general, 1,1-DCA concentrations appear to have decreased between 2002/3 and 2009/10 in shallow, medium, and deep overburden, but appear to have increased in the bedrock groundwater in the southern bedrock valley and remain high at the recovery well.

Figures 4-6 and 4-7 present the indoor air areas of concern for TCE and vinyl chloride for residential and industrial/commercial properties, respectively, resulting from the 2002/3 and

2009/10 sampling data. Figures 4-8 and 4-9 present the indoor air areas of concern for 1,1-DCE and 1,1-DCA for residential and industrial/commercial properties, respectively, for the 2002/3 and 2009/10 sampling data. The indoor air areas of concern are estimated as those areas of the plume where contaminants are detected in shallow groundwater at concentrations exceeding groundwater vapor intrusion comparison levels corresponding to cancer risk levels of 1×10^{-5} and HQs of 1.0. Both the residential and industrial/commercial indoor air areas of concern for shallow groundwater for each of these four primary risk drivers have diminished.

Groundwater Vapor Intrusion Comparison Levels For Primary Risk Drivers*

Contaminant	Residential (µg/L)	Industrial/Commercial (µg/L)
TCE	5.2	22
Vinyl chloride	1.4	25
1,1-DCA	66	330
1,1-DCE	200	820

* See Appendix D-1 and D-2 and multiply by 10 to adjust to cancer risk levels of 1×10^{-5} and HQs of 1.0. See Section 6 for additional details on identification of risk drivers.

On Figures 4-6 and Figure 4-7 there are small areas in the center of the VOC plume where concentrations of both TCE and vinyl chloride are less than the groundwater volatilization comparison levels. This is because of non-detect results at MW-522S, CRA-5S, and CRA-6S. The absence of these primary risk drivers in groundwater in this area may be the result of remedial activities (soil removal and soil vapor extraction) implemented at the Synthetic Products site from 1999 through 2007 to remove residual benzene, toluene, ethylbenzene, and xylene (BTEX) compounds from the soil. Presence of BTEX compounds at the Synthetic Products site may also have resulted in chemical or biological reactions that reduced the concentrations of TCE and vinyl chloride in the OU2 groundwater contaminant plume in this area. Despite the past remedial activities at the Synthetic Products site, this is the location of the highest benzene concentrations identified in the OU2 sampling.

Four other VOCs (benzene, chlorobenzene, chloroform, and ethylbenzene) were identified as potential (or secondary) risk drivers; however, because the frequency of detection and exceedance of screening levels in shallow groundwater was low, figures displaying indoor air areas of concern were not developed. Locations of detections for these VOCs in shallow groundwater are displayed in Appendix C, Figures C-1A through C-4B. The highest

concentrations of benzene in shallow groundwater are found at CRA-6S and CRA-5S, located at 375 Barnum Avenue Cutoff, just south of the former Raymark facility and at the former Raymark facility at MW-PC03 and MW-PC14. The maximum detected concentration of chlorobenzene was detected at MW-PC03S. The maximum detected concentration of ethylbenzene was detected at MW-PC04S. MW-PC03S and MW-PC04S are located on the eastern side of the former Raymark facility just east of the indoor air area of concern delineated by the four primary risk drivers. The maximum detected concentration of chloroform in shallow groundwater was detected at MW-203S located southeast of the former Raymark facility; this location is east of the indoor air area of concern delineated by the four primary risk drivers.

Figure 4-10 presents the overall extent of the indoor air area of concern for residential properties based on the 2009/10 shallow groundwater results for the eight identified risk drivers (the four primary VOCs presented in Figures 4-6 and 4-8, plus the four potential risk drivers [benzene, chlorobenzene, chloroform, and ethylbenzene] that were detected infrequently at concentrations exceeding vapor intrusion screening levels). (Refer to Section 6 for additional discussion of risk drivers.) The yellow area outlined in blue on Figure 4-10 shows the estimated indoor air area of concern for residential properties where shallow groundwater concentrations exceed the groundwater vapor intrusion comparison levels for the 2009/10 data. The 2009/10 extent of the eight identified risk drivers for residential indoor air exposure is presented along with the indoor air area of concern modified from the 2005 RI Report, Figure 4-20, which was based on 2002/3 shallow groundwater results in combination with the proposed TCE Connecticut residential volatilization criterion of 27 µg/L, outlined in green. Comparison of the results for the 2002/3 data with the 2009/10 data indicates that this area has remained approximately the same.

Groundwater Vapor Intrusion Comparison Levels for Potential Risk Drivers*

Contaminant	Residential (µg/L)	Industrial/Commercial (µg/L)
Benzene	14	69
Chlorobenzene	410	NVT
Chloroform	7.1	36
Ethylbenzene	30	150

* See Appendix D-1 and D-2 and multiply by 10 to adjust to cancer risk levels of 1×10^{-5} and HQs of 1.0. See Section 6 for additional details on the identification of risk drivers.
NVT – Not sufficiently volatile and/or toxic to pose inhalation risk for this scenario and medium.

Figure 4-11 presents the overall extent of the indoor air areas of concern for industrial/commercial properties based on the 2009/10 shallow groundwater results for TCE, vinyl chloride, and 1,1-DCA, plus the less frequently detected VOC benzene, exceeding groundwater vapor intrusion comparison levels). There are no exceedances of the industrial/commercial groundwater vapor intrusion comparison levels for 1,1-DCE, chlorobenzene, chloroform, and ethylbenzene in 2009/10 shallow groundwater; therefore, they are not considered to be risk drivers for industrial/commercial indoor air exposure. (Refer to Section 6 for additional discussion of risk drivers.) Refer to Appendix C, Figures C-1B through C-4B. The yellow area outlined in red on Figure 4-11 shows the estimated indoor air area of concern for industrial/commercial properties where shallow groundwater concentrations exceed the groundwater vapor intrusion comparison levels for the 2009/10 data. The 2009/10 extent of the four risk drivers for industrial/commercial indoor air exposure is presented along with the indoor air area of concern modified from the 2005 RI Report, which was based on 2002/3 shallow groundwater results in combination with the proposed TCE Connecticut industrial volatilization criterion of 67 µg/L, outlined in green. Comparison of the results for the 2002/3 data with the 2009/10 data indicates that this area has decreased slightly.

Note that the 2005 RI Report Figure 4-20 indoor air areas of concern included an area upgradient of the former Raymark facility along Cottage and Clinton Avenues. That depiction was an artifact of the modeling, not of actual monitored groundwater conditions. Therefore, that portion of the 2005 RI Report contour line has been removed on Figures 4-10 and 4-11.

Comparison of 2003 and 2010 NAPL Recovery Well Results

Sampling of RW-3 was performed by the CTDEEP in 2003 and 2010. The results of that sampling are summarized in Table 4-5. Unlike the overburden and bedrock groundwater results from the 2009/10 sampling rounds, concentrations of 1,1,1-TCA, 1,1-DCA, styrene, PCE, toluene, and TCE from the NAPL recovery well collected in 2010 exceeded those reported in 2003. Because RW-3 is an operating NAPL recovery well, the concentrations measured in this well would be expected to vary with the history and operation of the well. Because this well is not designed to monitor groundwater and the sample was collected from the effluent of a recovery pump, these results would be expected to be more variable than results obtained from a groundwater monitoring well.

4.1.4 Semi-Volatile Organic Compounds in Groundwater

The types and distribution of SVOCs in the overburden and bedrock aquifers are presented in Appendix C and summarized below. Tables 4-3 and 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively. No figures are presented for SVOCs.

See Appendix C for the details on the nature and extent of SVOC contamination.

Summary

SVOCs were detected infrequently and at relatively low concentrations in groundwater samples from throughout the OU2 study area. Only five compounds had concentrations exceeding the SWPC, and the distribution of those exceedances, primarily in the overburden aquifer, appears to be sporadic. Compared to the previous 2002/3 sampling round, concentrations of SVOCs from the 2009/10 sampling effort appear to be similarly low, and detections of SVOCs are still sporadic throughout the OU2 study area.

4.1.5 Pesticides and PCBs in Groundwater

The type and distribution of pesticides and PCBs in the overburden and bedrock aquifers are presented in Appendix C and summarized below. Tables 4-3 and 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively. No figures are presented for pesticides or PCBs.

See Appendix C for the details on the nature and extent of pesticide and PCBs contamination.

Summary

Pesticides were infrequently detected in the 2009/10 samples. Compared to the previous 2002/3 sampling round, concentrations of pesticides from the 2009/10 sampling effort appear to be similarly low in samples from both aquifers, and detections of pesticides are still infrequent in the OU2 study area.

PCBs (only Aroclor 1254) were detected in a single overburden groundwater sample collected in 2009/10, from a well near Ferry Creek (MW-211D). No PCBs were detected in bedrock samples collected during 2009/10. No PCBs were detected in either overburden or bedrock samples collected during 2002/3. Aroclor 1254 had been detected in overburden groundwater at MW-305S, located along Ferry Creek further upstream, during earlier sampling (1999). Aroclor 1254 has not been historically associated with solid wastes from the former Raymark facility that were deposited in areas of Stratford as fill. Another PCB, Aroclor 1268, was the only PCB compound commonly found in solid wastes from the former facility.

4.1.6 Metals in Groundwater

Metals are ubiquitous in groundwater because they occur naturally in the environment. Naturally occurring heavy metals are usually found in the groundwater at low concentrations. Their occurrence at high concentrations may indicate an anthropogenic source of VOCs, geochemical changes in the aquifer resulting from biodegradation of organic contaminants, or an abundance of suspended solids in the groundwater sample. Groundwater samples collected from the OU2 monitoring wells were acquired using methods that minimized the amount of suspended particulates, so it is anticipated that the laboratory results are representative of mobile metals in the sampled interval.

Data summaries for individual metals are presented in Table 4-3 for the overburden aquifer and Table 4-4 for the bedrock aquifer. No figures are presented for metals. See Appendix C for the details on the nature and extent of metals contamination based on the type and distribution of metals in the overburden and bedrock aquifers.

Summary

Concentrations of arsenic, beryllium, cadmium, chromium, copper, lead, and zinc exceeded SWPC in at least one groundwater sample collected from the OU2 study area during the 2009/10 sampling round. In general, the 2009/10 sampling round reported lower concentrations of metals than the 2002/3 sampling round. Groundwater beneath the former Raymark facility was not analyzed for metals during 2009/10.

The 2005 RI Report noted that metals contamination was most noticeable in the deep overburden and bedrock associated with the southern bedrock valley southwest and south of

the former Raymark facility acid neutralization pits. Arsenic, which is mobilized under reducing conditions, is present at elevated concentrations in deeper portions of the aquifer south of the former Raymark facility. Some of this dissolved arsenic may be attributable to geochemical changes in the aquifer resulting from the biodegradation of dissolved chlorinated solvents. However, based on a comparison of the 2002/3 and 2009/10 sampling results, arsenic concentrations in Site groundwater are generally decreasing.

Shallow groundwater along East Broadway west of Ferry Creek exceeded the SWPC for arsenic, copper, lead, and zinc. Groundwater from the deep overburden and bedrock associated with the southern bedrock valley often exceeded the SWPC for arsenic, beryllium, cadmium, copper, lead, and zinc.

Tables 4-6 and 4-7 provide comparisons of the 2002/3 and 2009/10 average detected concentrations across common wells sampled in both rounds. Based on these comparisons, the 2009/10 analytical sampling results do not indicate a significant change in metal contamination levels.

Appendix E, Tables E-1 and E-2, present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above screening levels to facilitate well-by-well comparison. Well-by-well comparisons of 2002/3 and 2009/10 results from samples collected in the deep overburden and bedrock associated with the northern bedrock valley southwest and south of the former Raymark facility acid neutralization pits indicate that metals concentrations have generally decreased in this area. However, lead and zinc concentrations at MW-104S (along East Broadway) are higher in 2009/10 than in 2002/3.

4.1.7 Dioxins and Furans in Groundwater

The distribution of dioxins and furans in groundwater is presented in Appendix C and summarized below. Tables 4-3 and 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively.

The term “dioxins and furans” is commonly used to refer to a specific group of polychlorinated dioxin and furan chemical compounds. The toxicity of one specific compound, 2,3,7,8-tetrachloro-dibenzo-p-dioxin (2,3,7,8-TCDD), has been studied more than other known

dioxins and furans. The toxicities of all other dioxins and furans are expressed in relation to 2,3,7,8-TCDD. Concentrations of each individual dioxin and furan in a sample are multiplied by Toxicity Equivalent Factors (TEFs) to yield 2,3,7,8-TCDD equivalent concentrations. These values are then totaled to yield a total 2,3,7,8-TCDD Toxicity Equivalent (TEQ) concentration. The TEF used for these calculations are found in “Toxic Equivalency Factor for PCBs, PCDDs, PCDFs for Human and Wildlife” (Van der Berg et. al., 1998).

See Appendix C for the details on the nature and extent of dioxin and furan contamination.

Summary

Low concentrations of dioxins and furans were infrequently detected in overburden groundwater samples collected from the OU2 study area. This is consistent with the results reported in the 2005 RI Report.

4.2 Nature and Extent of Volatile Organic Compound Contamination in Soil Gas

The nature and extent of VOCs in soil gas is estimated based on the data collected during the 2003 soil gas sampling effort (see the 2005 RI Report, Section 2.12.6) and during the October 2009 soil gas sampling effort (see Section 2.0 of this OU2 RI Update Report). The purpose of the 2009 sampling effort was to update the extent of VOC contamination in residential areas hydraulically downgradient from the former Raymark facility. The 2003 and 2009 soil gas sampling was performed at permanent soil gas well locations installed between August 2002 and January 2003 along public ways downgradient and east of the former Raymark facility. Table 4-10 presents the 2003 and 2009 soil gas sampling results. Table 4-11 presents statistical summaries of the 2003 and 2009 soil gas sampling results from the mobile laboratory. Figure 2-2 shows sampling locations for soil gas within the OU2 study area.

In January 2003, soil gas samples were collected from a total of 26 permanent soil gas monitoring well locations, and in October 2009, soil gas samples were collected from a total of 25 of these locations (one was destroyed). At two locations (MW-523SG and MW-526SG), multiple soil gas samples were collected within the unsaturated soil area. All gas samples were analyzed for five target VOCs: 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and TCE. The analytical results are tabulated in Table 4-10.

Figures 4-12 and 4-13 present the plume maps for TCE and 1,1-DCE, respectively. In order to provide a consistent comparison between the two sampling events, only the 25 sampling locations that were sampled during both the 2003 and 2009 sampling events have been included in the figures. See Appendix C for the details on the nature and extent of soil gas contamination based on 2009 soil gas sampling.

2003

The 2003 sampling effort included collection of two samples from each location with one sample collected in a Tedlar bag and analyzed in the EPA on-site mobile laboratory and one sample collected in a SUMMA canister and analyzed off-site at the EPA NERL. Results were generally consistent. The EPA NERL analysis was able to report concentrations below the detection limit of the mobile laboratory for some samples.

2009

The 2009 soil gas samples were collected in Tedlar bags and analyzed in the EPA on-site mobile laboratory; confirmation samples were sent to EPA NERL.

Summary of 2003 and 2009 Soil Gas Sampling Results

1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and TCE were each detected in both 2003 and 2009; however, each was detected less frequently in 2009. Table 4-11 presents statistical summaries of the 2003 and 2009 soil gas sampling results from the mobile laboratory. The highest concentrations during both sampling rounds were detected along portions of Ferry Boulevard. 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, and TCE in both sampling rounds were also detected along Housatonic Avenue and Riverview Place and PCE in both sampling rounds was also detected along Riverview Place; however, concentrations at these locations were less than those reported along Ferry Boulevard.

Results are generally consistent between the two sampling rounds with some increases and some decreases in specific wells, but with highest concentrations detected along Ferry Boulevard and lesser concentrations along Housatonic Avenue and Riverview Place. It should be noted that the location of highest concentrations for 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, and

PCE in the 2003 sampling (MW-517SG) could not be re-sampled during 2009 because the soil gas well was not found during the 2009 well inspection survey (it is believed to have been destroyed during I-95 construction activities). The 2009 results are also consistent with the 2002 results described in the 2005 RI Report.

5.0 CONTAMINANT FATE AND TRANSPORT

A detailed analysis of the fate and transport of contamination within the OU2 study area was presented in the 2005 RI Report. This section presents an updated discussion of the fate and transport of contaminants within the OU2 study area based on the results of the sampling and assessments that have been performed since the completion of the 2005 RI Report.

Additional information collected during 2009/10 sampling was:

- Groundwater elevations;
- Wet chemistry and biodegradation parameters;
- Groundwater concentrations of metals, VOCs SVOCs, PCBs, pesticides, dioxins and furans; and
- Soil gas concentrations.

Using the 2009/10 data and portraying a comparison to the 2002/3 data, this section discusses the following:

- Groundwater flow;
- Vertical gradients;
- Natural attenuation parameters;
- Contaminant sources;
- Contaminant migration impacts to groundwater; and
- Contaminant migration impacts to soil gas.

5.1 Groundwater Flow

There was no net change of the overall distribution of groundwater elevations within the OU2 study area and the general direction of groundwater flow remains consistent with the

interpretations of the 2003 water level survey, presented on Figures 3-7 and 3-8 of the 2005 RI Report. Groundwater elevation measurements were collected during synoptic water level rounds in October 2009 and April 2003. In general, water level elevations were lower during the 2009 survey than during the 2003 survey, which is consistent with the expected seasonal difference in water levels in fall and spring. Groundwater elevations in 8 of the 226 wells gauged in both surveys were higher in 2009 than in 2003 (Table 2-4), but these may have been caused by tidal or seasonal changes.

5.1.1 Horizontal Gradients

Shallow groundwater equipotential lines and groundwater flow vectors based on the October 2009 synoptic groundwater elevation measurements are presented in Figure 5-1. Table 2-4 of this OU2 RI Update Report provides the 2009 and 2003 synoptic water round elevations. Groundwater flow deeper in the aquifer is dominated by two prominent southwestern trending bedrock troughs that are identified in the 2005 RI (shown in Figures 4-1 through 4-4 in this OU2 RI Update Report). As shown on Figures 4-1 through 4-4, VOC concentrations are generally highest in the bedrock valley(s) (i.e. elevated concentration trends generally mimic the bedrock troughs as the deep groundwater plumes flow southwest in the bedrock valley).

5.1.2 Vertical Gradients

The general distribution of the vertical gradients observed in the 2009 groundwater elevation survey indicated downward or mixed (i.e. shallow/intermediate in one direction and intermediate/deep in the opposite) gradients in the vicinity of Ferry Creek. This indicates that surface water and infiltration is generally recharging the aquifer in the southern portion of the OU2 study area. Well nests to the north and close to the Housatonic River generally showed upward gradients. Some well nests indicated a reversal in vertical gradient between the 2003 and 2009 groundwater monitoring events. Many of these wells were situated near the Housatonic River or Ferry Creek where tidal influences have previously been observed. Thus, these reversals in groundwater gradient may be due, in part, to tidal influence in the deep overburden and bedrock wells (2005 RI Report, Appendices C and D).

5.2 Natural Attenuation Parameters

Groundwater sampling during both the 2002/3 and 2009/10 sampling events included analysis for natural attenuation indicators such as carbon dioxide, methane, ethane, nitrate, nitrite, sulfate, sulfide, and chloride. In addition, pH, dissolved oxygen, and oxidation/reduction potential were monitored during groundwater sampling. These parameters can be used to indicate the nature and pervasiveness of biodegradation. See 2005 RI Report for details on parameter characteristics.

The results indicate anaerobic chlorinated solvent biodegradation is taking place in intermediate and deep groundwater within the OU2 study area. Significant increases over background in biodegradation indicators in both the source area wells and the downgradient wells are observed. Anaerobic biodegradation is indicated by the measurement of low dissolved oxygen concentrations as well as elevated concentrations of dissolved iron and manganese. Methane, ethane, and ethylene concentrations increase throughout the contaminated zone and are highest in some downgradient wells. Sampling results of downgradient monitoring well nests indicate biodegradation is occurring in downgradient portions of the plume as anaerobic conditions persist in the downgradient wells in the southern portion of the OU2 study area.

Aerobic conditions are present in shallow wells in the southeastern portion of the OU2 study area near the Housatonic River. These conditions favor the aerobic degradation of some chlorinated solvents in groundwater in these locations. This degradation likely contributes to the low levels of dissolved vinyl chloride observed in shallow groundwater in this area.

5.3 Contaminant Sources

This section identifies the contaminant sources described in the 2005 RI and provides an assessment of the areas to determine which are continuing sources of the potential contaminants of concern (COCs) for vapor intrusion of groundwater contaminants into indoor air. The potential COCs for vapor intrusion are the eight identified risk drivers for residential indoor air exposure discussed in Section 4.1.3 (TCE, 1,1-DCE, 1,1-DCA, and vinyl chloride, benzene, chlorobenzene, chloroform, and ethylbenzene). See Section 6 for additional details about identification of risk drivers and COCs.

5.3.1 Initial Identification of Contaminant Sources

As presented in Section 5.5 and Figure 5-1 of the 2005 RI Report, contaminant migration from several known locations on and off the former Raymark facility has been identified as a continuing source of contamination of the OU2 study area groundwater. Some of these contaminant sources are known to be related to operations of the former Raymark facility; however, others result from activities unrelated to Raymark. The 2005 RI Report identified the following as potential sources of contamination to OU2 Study Area groundwater. These sources are identified below and evaluated in Section 5.3.2.

- Former acid neutralization pits on the east side of the former Raymark facility, where TCE-rich DNAPL has been observed in soil borings and well samples

- Reported 1,1,1-TCA spill location

- Former Lagoon No. 4 location near the southern border of the former Raymark facility, which was likely impacted by a release of 1,1,1-TCA and where 1,1,1 TCA is likely present in the subsurface as DNAPL

- Reported toluene spill location

- 375 Barnum Avenue Cutoff (Synthetic Products facility downgradient from the former Raymark facility)

- Waste lagoons at 540 Longbrook Avenue (Contract Plating facility immediately upgradient of the former Raymark Facility)

- Contaminated fill at 600 East Broadway in the area of MW-102 (waste from Raymark and others))

- Contaminated fill near the banks of Ferry Creek

5.3.2 Continuing Source Evaluation

This section presents an evaluation of identified groundwater contaminant source areas to determine which are continuing sources of the COCs for vapor intrusion of groundwater contaminants to indoor air (TCE, 1,1-DCE, 1,1-DCA, and vinyl chloride, benzene, chlorobenzene, chloroform, and ethylbenzene). See Section 6 for additional details about identification of COCs.

In order to develop a conceptual model of ongoing sources of COC contamination to groundwater at the former Raymark facility, Nobis conducted a review of historical investigations and recent groundwater sampling results. The reports reviewed included: the RCRA Facility Investigation Report by Environmental Laboratories Inc. (ELI 1995), the Remedial Investigation Report, Raymark Industries, Inc. Facility by Halliburton NUS (HNUS, 1995) and the NAPL Interim Remedial Investigation (NIRFE) Report by Foster Wheeler (Foster Wheeler, 1996). Nobis also reviewed historical photographs of the former Raymark facility prior to closure to further identify the locations of these sources.

All of the source area soil sampling reported in these documents was conducted approximately 15 years ago, prior to the installation of an impermeable cap over the former Raymark facility and development of the property as a shopping center. The presence of the impermeable cap has precluded collection of additional soil samples from these areas since that time. In order to provide more recent information about ongoing sources of COCs to groundwater, Nobis reviewed the results of the recent groundwater sampling events to determine whether the historical sources are acting as continuing sources of COCs to OU2 groundwater.

The 2009 groundwater results for the wells on the former Raymark facility were used to identify the locations where COC concentrations were over the threshold value for $1x10^{-5}$ cancer risk (or HQ=1, whichever was lower). The locations of these wells were compared to the locations of historically identified sources and the types of contamination historically identified at each source to evaluate which of the historical sources continue to be sources for VOC contamination above the threshold COC values in groundwater.

If a well near a historical source continued to show contamination above threshold values, and a “clean” (i.e., below threshold) well was not located between the historical source and the

impacted well, it was presumed that the historically identified source was acting as a continuing source of groundwater contamination in this area. The results of the above review are presented in Figure 5-1, which identifies the locations of historical soil sampling and the likely locations of ongoing sources of COC to OU2 groundwater.

The results of this investigation identified six potential source/release areas on the former Raymark facility that are linked to the eight COCs (Figure 5-2). These six potential ongoing contamination source areas, as well as the additional areas located both on and off the former Raymark facility that were identified in the 2005 RI Report as potential sources are described and evaluated below.

Former Acid Neutralization Pits and Acid Plant (Source Areas 1 through 3 on Figure 5-2) – Two acid neutralization pits and the acid plant area were used during a 30-year period for disposal and neutralization of acids and spent caustic solutions. It appears that solvents were disposed of in these areas based on the high concentration of solvents in the soils and the observed presence of DNAPL in the subsurface in these areas. Based on the results of the 2009/10 sampling, the area of the former acid neutralization pits and the acid plant is considered an ongoing source of TCE and other COCs in both shallow and deep groundwater. Data collected during the 2009/10 sampling round are consistent with the presence of a TCE-rich DNAPL source located beneath the former acid neutralization

1,1,1-TCA Spill Area (Source Area 4 on Figure 5-2) – A spill of 6,000 gallons of 1,1,1-TCA was reported to have occurred in 1987 in the central portion of the former Raymark facility. Some of the spill discharged to Lagoon No. 4 by overland flow or through the storm water system. Current groundwater data indicate that the original spill area ***is not*** acting as a continuing source of COCs to groundwater.

Lagoon No. 4 (Source Area 5 on Figure 5-2) – An undetermined amount of the 1,1,1-TCA spill discussed above discharged to Lagoon No. 4 via the former Raymark facility drainage system. Groundwater sampling data from well PC-02, which is cross gradient of the former lagoon area, and from downgradient wells indicate that the 1,1,1-TCA contamination at Lagoon No. 4 is an ongoing source of COCs to groundwater. Based on the results of the 2009/10 sampling, the contaminants detected in groundwater beneath Lagoon No. 4 (mainly 1,1,1-TCA and 1,1-DCE) were present at the highest concentrations in the deep overburden and bedrock. The

concentrations of 1,1,1-TCA detected in this area are indicative of the presence of DNAPL. Degradation of 1,1,1-TCA appears to be acting as a source of 1,1-DCE in this area and also appears to be a source of 1,1-DCA in some locations.

Chlorobenzene UST Release (Source Area 6 on Figure 5-2) – Earlier investigations attributed the presence of chlorobenzene in OU2 groundwater to a release from a chlorobenzene UST located in the northeastern portion of the former Raymark facility. Elevated levels of chlorobenzene in groundwater are still present in this portion of the former Raymark facility; however, chlorobenzene is not prevalent throughout the OU2 study area. The extent of the elevated concentrations of chlorobenzene in groundwater appears to be limited mainly to the eastern portion of OU1 and the concentrations of chlorobenzene detected in groundwater are not indicative of NAPL presence. Therefore, this area **is not** considered to be a significant continuing source for the purposes of the feasibility study.

Reported Toluene Spill Location – The 1984 reported toluene spill location is near the northern end of the former Raymark facility, in the general vicinity of the chlorobenzene UST location, shown on Figure 5-2. As reported in the 2005 RI, toluene-rich LNAPL was recovered from groundwater monitoring wells placed near the spill location following the spill. An LNAPL recovery system installed in the area was abandoned prior to capping of the former Raymark facility in 1996/97. Localized high concentrations of toluene were detected in the area during the 2002/03 groundwater sampling, but not in the 2009/10 sampling. Current groundwater data indicate that the toluene spill area ***is not*** acting as a continuing source of COCs to groundwater.

375 Barnum Avenue Cutoff property (Synthetic Products) – This property, a former chemical manufacturing facility located downgradient of the former Raymark facility, is a known source of historical groundwater contamination within the OU2 study area. The primary contaminants identified from this facility were BTEX compounds. Soil vapor extraction was conducted at the Synthetic Products facility from 1999 through 2007 to remove residual BTEX compounds from the soil and groundwater. Remedial actions at the Synthetic Products property may have resulted in the reduction of VOCs in soil vapor and shallow groundwater at this location. However, the highest concentrations of benzene detected in OU2 groundwater during the 2002/03 and 2009/10 sampling were found in wells on this property. This property is considered a continuing source of benzene and ethylbenzene to OU2 groundwater, but it is not

considered to be a continuing source of the primary OU2 COCs (TCE, 1,1-DCA, 1,1-DCE, and vinyl chloride) identified in Section 4.1.3 and discussed further in Section 6.

540 Longbrook Avenue (Contract Plating) – This property, located northwest of the former Raymark facility, is the former location of a metal plating facility. Waste lagoons associated with plating operations are situated on the property, immediately upgradient of and adjacent to the former Raymark facility. Localized areas of high concentrations of cadmium, nickel, and zinc have been detected in groundwater downgradient the waste lagoons. Although the waste lagoons at 540 Longbrook Avenue are likely continuing sources of metals contamination to groundwater, they **are not** considered to be continuing sources of the COCs that have been identified as posing potential risks from exposure to indoor air.

600 East Broadway Street – This property, located approximately one third of a mile southwest of the former Raymark facility, is an area where contaminated waste/fill materials generated during operations of the Raymark facility (referred to as Raymark waste) were deposited. Contaminants generally associated with Raymark waste include several metals, the PCB Aroclor 1268, and asbestos; VOCs have not been identified as typical constituents of Raymark waste. High concentrations of arsenic, copper, lead, and zinc were detected in MW-102S, which was installed through Raymark wastes on this property. However, elevated concentrations of VOCs indicative of a OUs contaminant source were not detected in this area. Although the waste materials at 600 East Broadway may be continuing sources of metals contamination to groundwater, they **are not** considered to be a continuing source of the COCs that have been identified as posing potential risks from exposure to indoor air.

Contaminated fill along banks of Ferry Creek – Contaminated waste/fill materials from the former Raymark facility (Raymark waste) and other industrial facilities is known to have been deposited in various locations along Ferry Creek. As previously stated, VOCs have not been identified as typical constituents of Raymark waste, and elevated concentrations of OU2 VOCs, indicative of a contaminant source were not detected in this area. Although the contaminated fill along the banks of Ferry Creek may be a continuing source of contamination to groundwater, surface water, and/or sediment, it **is not** considered to be a continuing source of the COCs that have been identified as posing potential risks from exposure to indoor air.

In summary, the following sources initially identified as potential continuing sources of contamination to groundwater have been determined to NOT be continuing sources of the COCs identified as posing potential risks from exposure to indoor air:

- Reported 1,1,1-TCA spill location
- Chlorobenzene UST release
- Reported toluene spill location,
- Waste lagoons at 540 Longbrook Avenue (Contract Plating)
- Contaminated fill at 600 East Broadway
- Contaminated fill along Ferry Creek

The following sources ARE considered to be significant continuing sources of the COCs contributing to potential risks from exposure to indoor air:

- Former acid neutralization pits and acid plant (TCE and other COCs)
- Former Lagoon No. 4 (1,1-DCE and 1,1-DCA)
- 375 Barnum Avenue Cutoff (Synthetic Products) (benzene and ethylbenzene only)

5.4 Groundwater Contaminant Migration

As discussed in Section 4.0, although contaminant concentrations in samples collected from RW-3 increased between 2002/3 and 2009/10, data collected during the 2009/10 sampling round indicate the presence of similar chemicals in the two sets of samples and similar or slightly decreased overall groundwater concentrations within the OU2 study area. As indicated in Section 6.0, the current primary risk drivers are TCE, 1,1-DCE, 1,1-DCA and vinyl chloride. Benzene, chlorobenzene, ethylbenzene, and chloroform also pose elevated risks but are not consistently found throughout the study area.

As shown on Figures 4-6 and 4-8, the extent of the areas of concern for residential indoor air that may be impacted by elevated levels of vinyl chloride, TCE, 1,1-DCE and 1,1-DCA in shallow groundwater has decreased between the 2002/3 and 2009/10 sampling events. No risks from metals were identified in the 2005 RI Report. Since there is no significant change in metals contamination between 2003 and 2009, metals are still not considered an issue in this OU2 RI Update Report. No new modeling of metals contamination was conducted. See Section

5.0 of the 2005 RI Report for further details. The results of groundwater sampling in deep wells south of the former Raymark facility indicate elevated concentrations of arsenic (which is mobilized by reducing conditions). However, arsenic concentrations have almost uniformly decreased in the intermediate and deep wells between the sampling intervals. Thus, although reductive dechlorination of chlorinated solvents appears to be ongoing in the OU2 groundwater, the two rounds of groundwater sampling performed during the RI investigations indicated arsenic does not appear to be mobilized to a significant extent by the presence of Site contamination at this time.

Additional information on the Fate and Transport of the four primary groundwater COCs, (TCE, 1,1-DCE, 1,1-DCA, and vinyl chloride), is provided below. Figures 4-1 through 4-4 provide information on the distribution of the four primary COCs in OU2 groundwater. Additional, more detailed figures depicting the distribution of all of the COCs in OU2 groundwater are included in Appendix C.

- **TCE –** The maximum groundwater TCE concentration was recorded at RW-3 (500,000 ppb in 2010). Because this well is screened in both the shallow and intermediate depth intervals, the concentration of RW-3 was assumed to be representative of groundwater concentrations in both the shallow and intermediate aquifer in the vicinity of this NAPL recovery well. Sampling of RW-3 was performed by the CTDEEP in 2003 and 2010. The results of that sampling are summarized in Table 4-5 and indicate an increase in TCE and most other detected compounds between 2003 and 2010. The data collected on September 9, 2010 were assumed to be representative of the groundwater quality in the area of RW-3 during the 2009/10 sampling event. This assumption is supported by examining the concentrations of TCE in the monitoring wells closest to RW-3. Elevated contaminant results were also detected at MW-513S and MW-212 (1,300 ppb and 910 ppb, respectively). Based on the limited sample data, the 2009/10 sampling results appear to be similar to what was observed in 2002/3 (well locations are shown on Figure 2-1).

  High concentrations of TCE in the western portion of the former Raymark facility are related to the presence of TCE-rich DNAPL that originated in the former acid neutralization pits. Downward migration of the DNAPL is apparent and the bedrock topography also appears to have an influence on the extent of TCE contamination in the

bedrock wells. In this area, some of the highest TCE concentrations detected in both 2002/3 and 2009/10 are observed in the low points in the bedrock topography located just south of the western portion of the former Raymark facility (see Figure 4-1). This assertion is supported by the southwestern trend to the bedrock contaminant plume in deep groundwater beneath the former Raymark facility that appears to align with the northern bedrock trough.

The distribution of contamination in the deep overburden groundwater is expected to mimic bedrock topography because groundwater flow is strongly influenced by the bedrock topography. Thus, the dissolved contaminant plumes would be expected to trend along the long axis of the bedrock troughs because groundwater flow in the deeper overburden aquifer is parallel to and within the bedrock troughs.

- **1,1-DCE –** As discussed in the 2005 RI Report, Section 4.0, 1,1-DCE has been identified in DNAPL samples collected at the former Raymark facility and is also present in groundwater as a result of abiotic reductive dechlorination and biodegradation of other chlorinated compounds including TCE and 1,1,1-TCA. The distribution of 1,1-DCE in groundwater clearly indicates a source of contamination near MW (PC)-02, which is located adjacent to Lagoon No. 4 (Source Area 5 on Figure 5-2). The maximum concentrations observed in both 2002/3 and 2009/10 are in the intermediate, deep, and bedrock wells. The distribution of 1,1-DCE within the OU2 study area also appears to be strongly influenced by the nature of the release (i.e., DNAPL and/or degradation of DNAPL contaminants), the nature of the bedrock topography and groundwater flow in the deep overburden. The main axis of the deep 1,1-DCE plumes trends to the southwest parallel to the strike of the bedrock valleys. The highest concentrations appear to be situated in the southern bedrock trough, consistent with the location of the source at Lagoon No. 4.

  There is some uncertainty in the source of 1,1-DCE in the shallow groundwater. The 2009/10 sampling results indicate elevated levels of 1,1-DCE in shallow groundwater south of the former Raymark facility in monitoring wells MW-212S, MW-513S, and MW-520S (see Figures in Appendix C). Based on the groundwater flow directions presented in Figure 5-1 and the 2009/10 groundwater sampling results, the 1,1-DCE-rich DNAPL beneath the former Lagoon No. 4 is not the obvious source of 1,1-DCE in

shallow groundwater. No 1,1-DCE is detected in the monitoring wells between the Lagoon No. 4 (one presumed source of 1,1-DCE) and the shallow groundwater contamination identified in these wells. Sampling performed during the 2005 RI investigations identified a similar pattern; however, at that time, 1,1-DCE was identified in some of the NAPL recovery wells.

Several possible fate and transport processes may have resulted in the observed 1,1-DCE plume observed in shallow groundwater in this area. It is possible that degradation of TCE originating in the vicinity of the acid neutralization pits is the source of the 1,1-DCE. It also is possible that aromatics present in groundwater at the Synthetic Products site are facilitating natural attenuation of the 1,1-DCE resulting in lower groundwater concentrations in the area between the former Raymark facility and monitoring wells MW-212S, MW-513S and MW-520S. In addition, upward vertical groundwater gradients were observed in the MW-212 well nest in one of the two synoptic groundwater elevation surveys conducted in this well nest. If persistent upward gradients are present in this area, vertical transport of more contaminated groundwater from deeper in the overburden into the shallow groundwater may be taking place in this area. Thus, the specific source of 1,1-DCE in shallow groundwater in this area is not clear. Nevertheless, the 1,1-DCE concentration in the groundwater throughout the OU2 study area has significantly attenuated at all depths as evidenced by a comparison of the 2002/3 sampling with the 2009/10 sampling results.

- **Vinyl Chloride –** Vinyl chloride was not reported as part of the former Raymark facility releases as described in the 2005 RI Report and has likely been produced by the sequential biodegradation (aerobic and anaerobic) of chlorinated solvents released at the former Raymark facility. Because it is produced by the degradation of other compounds, vinyl chloride would be expected to be more persistent than the parent compounds. This pattern is indicated in Figure 4-3 where the areal extent of vinyl chloride in groundwater has not been significantly reduced since the 2002/3 sampling event. In some cases, for example, MW-212, vinyl chloride concentrations in the 2009/10 groundwater samples increased over the 2002/3 concentration. Because vinyl chloride is produced by biodegradation, it is also expected that the highest concentrations may occur downgradient of the former Raymark facility source areas.

This is particularly evident in the intermediate and deep overburden contamination extent depicted in Figure 4-3.

Vinyl chloride concentrations in shallow groundwater in the southeast portion of OU2 study area, near the Housatonic River, are lower than the concentrations in deep overburden or bedrock in this area. This observation supports the assumption that aerobic biodegradation is reducing the extent of vinyl chloride contamination in the shallow aquifer near the river.

- **1,1-DCA –** There are no documented releases of 1,1-DCA at the former Raymark facility. It was reported that there was a discharge of up to 6,000 gallons of 1,1,1-TCA into the Site drainage system that discharges to Lagoon No. 4 in 1987. It has been demonstrated that 1,1,1-TCA will anaerobically biodegrade to 1,1-DCA. The argument that degradation of 1,1,1-TCA is acting as a source of 1,1-DCA is supported by review of temporal trends of these two compounds in groundwater. Table 4-8 indicates trends in detection frequency, frequency that a screening level is exceeded, and maximum and average concentrations detected. These statistics indicate generally decreasing trends for 1,1,1-TCA and increasing trends for 1,1-DCA. Thus, it appears that the source of 1,1-DCA in groundwater is the anaerobic biodegradation of 1,1,1-TCA.

  The distribution of 1,1-DCA in groundwater across the OU2 study area (Figure 4-4) indicates a source of shallow and intermediate contamination near RW-3 and another source of contamination for the deep and bedrock wells near MW (PC)-02 (which is located adjacent to Lagoon No. 4). The aerial extent of groundwater contaminated by 1,1-DCA appears to be generally decreasing in the shallow and intermediate wells and increasing in the deeper zones within the OU2 study area, indicating a deeper continuing presence of 1,1,1-TCA. 1,1-DCA distribution also appears to be influenced by the nature of the release of the parent material (i.e. DNAPL and/or degradation of DNAPL contaminants), with highest concentrations observed at PC-02B (i.e., the bedrock well closest to Lagoon No. 4) and the southern bedrock trough.

- **Other COCs –** Benzene, chlorobenzene, chloroform, and ethylbenzene also pose elevated risks but are not consistently found throughout the study area. Appendix C provides a detailed discussion of these compounds across the OU2 study area.

Maximum concentrations of benzene are detected off-site in the wells installed at the Synthetic Products site. The 2005 RI indicates that the benzene did not originate at the former Raymark facility. Lower Levels of benzene were observed in three shallow wells within the former Raymark facility property, but there is no clear source of the release indicated by the distribution of the results. Table 4-8 indicates that average and maximum concentrations of benzene in groundwater are decreasing, indicating that there is no ongoing source of this material in the former Raymark facility. Appendix C provides a detailed discussion of these compounds at the former Raymark facility.

Chlorobenzene was observed in groundwater at two locations at the former Raymark facility at concentrations between 10 and 100 times the residential screening level (HQ=0.1). Chlorobenzene was identified in groundwater during earlier investigations (ELI, 1995) and the source was identified as a chlorobenzene underground storage tank (UST) in the northern end of the former Raymark facility (Source Area 6 in Figure 5-2). No evidence was identified that any investigations were performed in the area of the presumed release so it is not possible to characterize the nature and extent of this source. However, chlorobenzene in groundwater has been persistent in MW-PC03S (in an area downgradient from the chlorobenzene UST). Detection frequencies have been relatively stable since 2002/3 and the maximum and average concentrations of chlorobenzene are consistently trending downward (Table 4-8), indicating there is no significant ongoing source of chlorobenzene present on the former Raymark facility.

Ethylbenzene is observed at one well (MW-PC04S) at a concentration approximately 10 times the residential screening level in the northern portion of the former Raymark facility. This is likely due to a historical release of aromatic hydrocarbons in this area. The extent of this exceedance on the former Raymark facility is quite limited. Two other locations were identified in the study area that had concentrations between 1 to 10 times the residential screening level. These locations were not near any potential on-site sources and do not appear to be related to any disposal practices at the former Raymark facility. These observations support the conclusion that there is no significant ongoing source of ethylbenzene on the former Raymark facility.

Chloroform has been identified at three locations within the study area, but outside of the former Raymark facility. Although it is a COC for OU2 groundwater, no source of these materials has been identified at the former Raymark facility during previous investigations. The spatial distribution of these compounds does not indicate that these detects are related to a single source.

5.4.1 Contaminant Migration Impacts to Ferry Creek

During the 2009 groundwater elevation survey, vertical groundwater gradients in the vicinity of Ferry Creek were generally downward, indicating that Ferry Creek is discharging water to the aquifer. With the exception of vinyl chloride in MW-111M, contaminant concentrations in the shallow and intermediate wells in the vicinity of Ferry Creek have decreased in the period between the 2002/3 and 2009/10 sampling events.

5.4.2 Contaminant Migration Impacts to Soil Gas

No clear trend is evident in the relationship between groundwater and soil gas contamination at particular locations downgradient of the former Raymark facility. Trends in soil gas data are difficult to establish because soil gas contaminant concentrations are sensitive to a number of environmental conditions such as depth to groundwater, ground cover, precipitation, temperature, barometric pressure changes, wind conditions and other environmental conditions, as well as to the types and concentrations of contaminants present in the groundwater. The impact of some of these variables can be minimized by comparing results taken from a single well on two different dates. The October 2009 sampling event included re-sampling of most of the wells sampled in January 2003 to help minimize the variables associated with different sample locations. In addition, during the October 2009 sampling event, two samples were collected at MW-526ASG to assess the impact of a rain event on the sampling results (Table 4-10). The concentrations of the COCs in these two samples were very similar, indicating that, in this case, the impact of rain was not significant.

Figures 4-12 and 4-13 provide the results of the 2003 and 2009 of soil gas sampling for TCE and 1,1-DCE, respectively. Soil gas sampling was conducted only in the area between Ferry Boulevard and the Housatonic River. As would be expected, the maximum soil gas concentrations were on the upgradient edge of the soil gas study area closest to the former

Raymark facility. However, there is an inconsistency between the locations of maximum shallow groundwater concentrations and the maximum soil gas concentrations in this area.

Soil gas maximum concentrations are observed in MW-519SG for TCE and MW-518SG for 1,1-DCE (see Figures 2-1 and 2-2 for monitoring point locations). Both these sampling points are located south of the former Raymark facility in the northeast portion of the soil gas sampling area (Figure 4-12). Maximum shallow groundwater concentrations in the soil gas study area were detected at MW-513S and MW-212S, located farther to the southwest. Soil gas TCE and 1,1-DCE concentrations at MW-513SG are not as high as those at MW-518SG and MW-519SG; however, they are elevated at this location. Shallow groundwater was not sampled at MW-518SG (the location of maximum soil gas 1,1-DCE concentrations) in 2009/10 because of an obstruction in the corresponding shallow groundwater well (MW-518S) at 10.35 feet below ground surface (the well was dry at this depth). However, 2002/3 shallow groundwater sampling indicated the presence of 1,1-DCE at MW-518S. TCE was present in shallow groundwater at MW-519S (cross gradient and northeast of MW-518S). MW-519SG was the location of maximum soil gas TCE concentrations both in 2002/3 and in 2009/10.

6.0 HUMAN HEALTH RISK ASSESSMENT

The 2005 RI Report (TtNUS, 2005) included a baseline human health risk assessment (HHRA) conducted for the OU2 study area (groundwater). The HHRA included evaluation of potential risks from human exposures to groundwater through volatilization into indoor air and through migration to surface water in either Ferry Creek or the Housatonic River. There are no complete pathways for direct groundwater exposure for human receptors. This is because: 1) groundwater in the area is not used as a drinking water source as discussed in the 2005 RI Report under sections 3.1.2 and 3.4.2; 2) groundwater in the area is classified as GB, not suitable for human consumption without treatment; 3) there are currently no wells used for irrigation purposes in the area; and 4) construction and utility work are not likely to occur below the water table.

This OU2 RI Update Report, Table 6-1, presents a summary of the results for the 2005 RI Report HHRA. The 2005 RI Report HHRA estimated residential and commercial indoor air cancer risks exceeding the EPA cancer risk range (10^{-4} to 10^{-6}) and non-cancer hazard indices

(HI) in excess of one, and concluded that surface water exposures are not expected to present a risk for future adult and child recreational users of Ferry Creek or the Housatonic River.

This OU2 RI Update Report presents an updated HHRA using groundwater data collected during the 2009/10 sampling and updated toxicity values. Table 6-2 of this OU2 RI Update Report presents a summary of the results for the OU2 RI Update Report HHRA. Similar to the 2005 RI Report HHRA, the OU2 RI Update Report HHRA estimated residential and commercial indoor air cancer risks exceeding the EPA cancer risk range (10^{-4} to 10^{-6}) and non-cancer HIs in excess of one. Revised indoor air areas of concern are discussed in Section 6.1.2 and presented on Figures 4-10 and 4-11.

The 2005 RI Report used predicted models of groundwater contamination reaching Ferry Creek to evaluate the risks to potential future recreational users of Ferry Creek and the Housatonic River. Because groundwater contamination has not changed significantly since the sampling round evaluated in the 2005 OU2 RI, no new modeling of future surface water concentrations in Ferry Creek and no revisions to the 2005 RI Report risk estimates for potential future recreational exposure to surface water were performed for this OU2 RI Update Report.

6.1 Evaluation of Indoor Air Exposures

The residential and industrial/commercial worker scenarios were evaluated for exposures to indoor air contaminants that may be present as a result of volatilization of groundwater contaminants through building foundations into indoor air using two methods:

- Evaluation of indoor air sampling data; and
- Evaluation of indoor air concentrations modeled from shallow groundwater data.

Note that no evaluations of human health risks from indoor air exposures have been based on soil gas data (not sub-slab) either in the 2005 RI Report or in this OU2 RI Update Report. The 2005 RI Report, Section 5.6.2, found poor correlation between soil gas results and indoor air results, casting doubt on the usefulness of soil gas data for evaluation of indoor air concerns.

6.1.1 Evaluation of Indoor Air Sampling Data

Limited indoor air sampling efforts were conducted between April 2000 and March 2003 prior to installation of sub-slab ventilation systems at residential and non-residential properties in the primarily residential area located east of Ferry Creek. Quantitative risk estimates based on indoor air data are presented in the 2005 RI Report in Section 6.0. No new indoor air data were collected in the 2009/10 sampling efforts; therefore, this OU2 RI Update Report includes no changes to the 2005 RI Report estimation of risk from indoor air sampling data for homes within the indoor air area of concern. The 2005 RI Report HHRA quantitative risk estimates based on indoor air data identified non-carcinogenic hazards in excess of one for residential and industrial/commercial worker exposures to indoor air and carcinogenic risks for lifetime residential and industrial/commercial worker exposures to indoor air exceeding the EPA target cancer risk range (10^{-4} to 10^{-6}). The majority of the contaminants detected in indoor air were not detected in groundwater at concentrations likely to volatilize into indoor air spaces and create potential indoor air risks. Therefore, the indoor air risks from these indoor air contaminants cannot be conclusively linked to groundwater contamination. Risks from TCE, vinyl chloride, 1,1,2-TCA, benzene, chloroform, ethylbenzene, and xylenes detected in indoor air are assumed to be the result of migration of these contaminants from shallow groundwater into indoor air spaces.

6.1.2 Evaluation of Indoor Air Concentrations Modeled from Shallow Groundwater Data

The 2005 RI Report HHRA presented an evaluation of potential human health risk from volatilization of contaminants in shallow groundwater, including a quantitative assessment of risks from 1,1-DCE, TCE, and vinyl chloride using the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. This OU2 RI Update Report HHRA provides an update of that evaluation based on 2009/10 data and updated toxicity information. As noted in Section 4.0, comparison of groundwater results from the 2002/3 and the 2009/10 groundwater sampling rounds indicates that groundwater contamination appears to have diminished somewhat across the OU2 study area. Well-by-well comparisons further support this trend; however, specific wells may show increased or decreased concentrations of some contaminants.

The 2005 RI Report HHRA identified three VOCs (1,1-DCE, TCE, and vinyl chloride) present in shallow groundwater at concentrations exceeding vapor intrusion-based screening levels (these were designated as groundwater contaminants of potential concern [COPCs] for indoor air exposure). For many of the detected VOCs, toxicity factors on which those screening levels were based have been updated. This OU2 RI Update Report HHRA compared the 2009/10 shallow groundwater data to updated 2012 adjusted vapor intrusion screening levels based on the EPA Vapor Intrusion Guidance (EPA, 2002) that were adjusted to reflect current toxicity values using the OSWER VISL Calculator Version 1.0, November 2011 RSLs (EPA, 2012) and further adjusted to correspond to an HQ of 0.1 and cancer risks of 1×10^{-6}, under a residential scenario. The twice adjusted residential vapor intrusion screening levels were used to identify COPCs for quantitative evaluation of 2009/10 modeled indoor air risks. Supporting documentation for the 2012 adjusted residential vapor intrusion screening levels is provided in Appendix D-1. Appendix F-1 presents the COPC selection table. Eleven VOCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, m,p-xylenes, TCE, and vinyl chloride) were identified as COPCs and included in the quantitative evaluation of modeled indoor air risks from volatilization of contaminants in 2009/10 shallow groundwater.

The following discusses impacts of the 2009 groundwater data, 2010 NAPL recovery well data, and currently available toxicity information to the OU2 RI Report modeled indoor air risk estimates for the eleven VOCs identified as COPCs in Appendix F-1. The revised risk results are summarized on Table 6-2.

- **1,1,1-TCA.** 1,1,1-TCA was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum 1,1,1-TCA shallow groundwater concentration of 2,300 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-1 and F-2, respectively.

- **1,1,2-TCA.** 1,1,2-TCA was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum 1,1,2-TCA shallow groundwater concentration of 2.5 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-3 and F-4, respectively.

- **1,1-DCA.** 1,1-DCA was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum 1,1-DCA shallow groundwater concentration of 440 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-5 and F-6, respectively.

- **1,1-DCE.** The maximum shallow groundwater concentration within the OU2 study area for 1,1-DCE in the groundwater data collected in 1997 was 2,100 µg/L at MW-212S. Concentrations at MW-212S dropped to 1,000 µg/L in the 2002/3 sampling round and were reported at 380 µg/L in the 2009/10 sampling round. The maximum shallow groundwater concentration for 1,1-DCE in the 2009/10 groundwater data was 410 µg/L at MW-513S. The toxicity value used in the estimation of risks from exposures to 1,1-DCE (reference concentration (RfC) of $2 \times 10^{+2}$ µg/m^3) has not changed since the 2005 RI Report. However, because the concentrations of 1,1-DCE have decreased, the Johnson and Ettinger model was re-run using the 2009/10 maximum 1,1-DCE shallow groundwater concentration of 410 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-7 and F-8, respectively.

- **Benzene.** Benzene was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum benzene shallow groundwater concentration of 81 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-9 and F-10, respectively.

- **Chlorobenzene.** Chlorobenzene was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum chlorobenzene shallow groundwater concentration of 3,500 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-11 and F-12, respectively.

- **Chloroform.** Chloroform was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum chloroform shallow groundwater

concentration of 21 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-13 and F-14, respectively.

- **Ethylbenzene.** Ethylbenzene was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum ethylbenzene shallow groundwater concentration of 34 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-15 and F-16, respectively.

- **m,p-Xylene.** M,p-Xylene was not identified as a COPC in the 2005 RI; however, because it was identified as a COPC for this OU2 RI Update Report, the Johnson and Ettinger model was run using the 2009/10 maximum m,p-xylene shallow groundwater concentration of 84 µg/L. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-17 and F-18, respectively.

- **TCE.** The maximum shallow groundwater concentration within the study area for TCE (the 2005 RI Report identified primary risk driver) in the groundwater data collected in 1997 was 1700 µg/L at MW-513S. The maximum shallow groundwater concentration for TCE in the 2009/10 groundwater data was 1300 µg/L also at MW-513S. The toxicity values used in the estimation of risks from exposures to TCE have changed since the 2005 RI Report (2005 RfC of 4×10^{1} µg/m^3 and a 2005 inhalation unit risk factor (URF) of 1.1×10^{-4} per µg/m^3). In addition, the recommended approach for evaluating residential risks from exposures to TCE has changed to reflect increased early childhood sensitivity and a mutagenic mode of action for some TCE induced cancers. The Johnson and Ettinger model was re-run using the 2009/10 maximum TCE shallow groundwater concentration to estimate indoor air concentrations and the updated TCE toxicity values (2012 RfC of 2 µg/m^3 and a 2012 inhalation URF of 4.1×10^{-6} per µg/m^3) to estimate risks for industrial/commercial workers. The model outputs for residents (used for modeled indoor air concentrations only) and industrial workers are provided in Appendix F-2, Tables F-19 and F-20, respectively. Appendix F-2, Table F-21 presents TCE modeled indoor air risks for residents using the EPA's TCE "Age Dependent Adjustment Factor (ADAF) Sample Calculator" (EPA HERO, 2011) with the indoor air concentration estimated in Appendix F-2, Table F-19.

- **Vinyl Chloride.** The maximum shallow groundwater concentration within the study area for vinyl chloride in the groundwater data collected in 1997 was 62 µg/L at MW-514S. The shallow groundwater concentration at MW-514S for vinyl chloride in the 2009/10 groundwater data was 44 µg/L. Higher concentrations of vinyl chloride were reported at the former Raymark facility in 2002/3 shallow groundwater at MW-529S (south along Barnum Avenue Cutoff) at 165 µg/L and at 530 µg/L at PC-14S. Concentrations at MW-529S have dropped to 6.4 µg/L and concentrations at PC-14S have dropped to 320 µg/L. The maximum shallow groundwater concentration for vinyl chloride throughout the OU2 study area in the 2009/10 groundwater data was 440 µg/L at MW-207SR, located along the southern edge of the former Raymark facility. The non-cancer toxicity value used in the estimation of risks from exposures to vinyl chloride (RfC of $1 \times 10^{+2}$ µg/m^3) has not changed since the 2005 RI Report. The approach to evaluating cancer risks for residents for vinyl chloride has changed to account for increased risks during early childhood. Cancer risk estimates utilize an inhalation URF of 4.4×10^{-6} per µg/m^3 for both adults and for children and a revised cancer risk equation (in contrast to the 2005 RI approach, which utilized an inhalation URF of 8.8×10^{-6} per µg/m^3 for scenarios with children with the same cancer risk equation as other contaminants). In order to address potential vapor intrusion risks from vinyl chloride in the vicinity of MW-207SR, the Johnson and Ettinger model (Johnson and Ettinger, 1991) was re-run using the 2009/10 maximum vinyl chloride shallow groundwater concentration of 440 µg/L and for residential exposures the revised equation. The model outputs for residents and industrial workers are provided in Appendix F-2, Tables F-22 and F-23, respectively.

Appendix F-2, Table F-24 presents the soil and chemical properties and toxicity values used in the Johnson and Ettinger models.

Total Site Risks for Indoor Air Concentrations Modeled from 2009/10 Shallow Groundwater

Table 6-2 presents the revised risk results for both residential and industrial/commercial properties for the eleven modeled indoor air COPCs. COPCs are 1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, m,p-xylenes, TCE, and vinyl chloride, as identified in the Appendix F-1 COPC selection.

Residential Risks

The revised modeled indoor air risk evaluation predicted indoor air cancer risks from residential exposures to the eleven groundwater COPCs of 3.5×10^{-3}, exceeding the EPA cancer risk range (10^{-4} to 10^{-6}), and an HI of 192.5, exceeding one. Vinyl chloride was the greatest contributor to cancer risk with a 2.5×10^{-3} individual chemical cancer risk; however, cancer risks from TCE also exceeded 1×10^{-4}. Cancer risks from 1,1-DCA, benzene, and chloroform exceeded 1×10^{-5} and cancer risks from ethylbenzene exceeded 1×10^{-6}. TCE was the greatest contributor to non-cancer risk, with an HQ of 180, exceeding one. HQs for both 1,1-DCE, chlorobenzene, and vinyl chloride also exceeded one. Vinyl chloride and TCE are the greatest contributors to risk; however, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, and ethylbenzene are also considered risk drivers and possible COCs. Because, as discussed in Section 4, benzene, chlorobenzene, chloroform, and ethylbenzene were detected infrequently in shallow groundwater; vinyl chloride, TCE, 1,1-DCA, and 1,1-DCE are considered the four primary COCs for residential exposures. (Note COCs are the identified risk drivers based on individual cancer risk calculations exceeding 1×10^{-6} or hazard quotients exceeding one.)

Industrial/Commercial Risks

The revised modeled indoor air risk evaluation predicted indoor air cancer risks from industrial/commercial exposures to the eleven groundwater COPCs of 2.9×10^{-4}, exceeding the EPA cancer risk range (10^{-4} to 10^{-6}), and an HI of 47, exceeding one. Vinyl chloride and TCE were the primary cancer risk drivers with individual chemical cancer risks of 1.4×10^{-4} and 1.3×10^{-4}, respectively. However, cancer risks from 1,1-DCA, benzene, chloroform, and ethylbenzene also exceeded 1×10^{-6}. TCE was the greatest contributor to non-cancer risk, with an HQ of 44, exceeding one. The HQ for chlorobenzene was also greater than one. Vinyl chloride, TCE, 1,1-DCA, benzene, chlorobenzene, chloroform, and ethylbenzene are therefore identified as possible COCs for this pathway. Because benzene, chlorobenzene, chloroform, and ethylbenzene have been detected infrequently in shallow groundwater, vinyl chloride, TCE, and 1,1-DCA are considered the three primary COCs for industrial/commercial exposures.

Comparison of 2005 RI Report HHRA and OU2 RI Update Report Human Health Risk Results

As discussed in Section 4.1.3 of this OU2 RI Update Report, the groundwater plume has not changed significantly for the four primary residential COCs since the 2005 RI Report. Figures 4-6 and 4-7 present the indoor air areas of concern for vinyl chloride and TCE resulting from the 2002/3 and 2009/10 groundwater sampling data for residential and industrial/commercial properties, respectively, based on current comparison levels and current toxicity values. Similarly, Figures 4-8 and 4-9 present the indoor air areas of concern for 1,1-DCA and 1,1-DCE resulting from the 2002/3 and 2009/10 groundwater sampling data for residential and industrial/commercial properties, respectively, based on current comparison levels and current toxicity values. Both the residential and industrial/commercial indoor air areas of concern for shallow groundwater for each of the primary COCs have remained approximately the same or slightly diminished.

Note that in the 2005 RI Report, TCE was identified as the contaminant of greatest concern for potential indoor air risks resulting from vapor intrusion and TCE concentrations in groundwater (with different comparison levels) were used to delineate the indoor air areas of concern. The proposed Connecticut groundwater volatilization criteria for residential scenarios for TCE of 27 µg/L were used as the comparison level to estimate the indoor air area of concern for residential properties. The proposed Connecticut groundwater volatilization criteria for industrial worker scenarios for TCE of 67 µg/L was used as the comparison level to estimate the indoor air area of concern for commercial properties. The proposed Connecticut groundwater volatilization criteria have not yet been promulgated. Therefore, for this OU2 RI Update Report, groundwater vapor intrusion comparison levels were used to delineate the plume and the current indoor air area of concern and provide a comparison of the extent of the plume in 2002/3 and 2009/10. The groundwater vapor intrusion comparison levels used were calculated based on EPA Vapor Intrusion Guidance (EPA, 2002), adjusted to reflect current toxicity values, cancer risk levels of 1×10^{-5}, and an HQ of 1.

Figures 4-10 and 4-11 present the estimated extents of the indoor air areas of concern for residential and industrial/commercial properties, respectively. Each figure presents the estimated area of concern developed in the 2005 RI and the revised estimate developed based on 2009 groundwater sampling results. The 2005 estimates were developed based on 2002/03

groundwater sampling results for TCE only, and the comparison standards in effect in 2005. The 2009/10 estimates were developed based on 2009/10 groundwater sampling results for the eight VOCs identified as possible indoor air COCs for the residential properties (TCE, 1,1-DCA, 1,1-DCE, vinyl chloride, benzene, chlorobenzene, chloroform, and ethylbenzene) and for the seven VOCs identified as possible indoor air COCs for the industrial properties (TCE, 1,1-DCA, vinyl chloride, benzene, chlorobenzene, chloroform, and ethylbenzene) and updated comparison levels (2012). The 2009/10 indoor air areas of concern shown on Figures 4-10 and 4-11 are composites of the indoor air areas of concern depicted on Figures 4-6 through 4-9 for TCE, vinyl chloride, 1,1-DCA, and 1,1-DCE, modified to capture shallow groundwater locations of benzene, chlorobenzene, chloroform, and ethylbenzene exceeding groundwater vapor intrusion comparison levels. The revised indoor air areas of concern on Figures 4-10 and 4-11 were delineated based on the areas where concentrations of the COCs in shallow groundwater are associated with potential indoor air cancer risks exceeding 1×10^{-5} or an HQ of 1 (groundwater vapor intrusion comparison levels). The overall indoor air area(s) of concern based on 2009/10 groundwater data is approximately the same as the indoor air area(s) of concern based on 2002/3 groundwater data. However, when based on TCE only, the overall indoor air area(s) of concern based on 2009/10 groundwater data is slightly smaller than the indoor air area(s) of concern described in the 2005 RI Report.

To provide additional information for risk management decisions, Figures 6-1 through 6-3 provide estimates of the residential and industrial indoor air area(s) of concern based on 2009/2010 data and varying risk levels. Figure 6-1 shows the estimated indoor air area(s) of concern based on potential indoor air cancer risks exceeding 1×10^{-4} or an HQ of 1. Figure 6-2 presents indoor air area(s) of concern associated with a potential cancer risks exceeding 1×10^{-5} or an HQ of 1, the same levels as shown in Figures 4-10 and 4-11. Figure 6-3 presents the indoor air area(s) of concern associated with a potential cancer risk level exceeding 1×10^{-6} or an HQ of 1.

Sub-Slab Depressurization Systems

In 2003 and 2004, CTDEEP, with funding from EPA, installed sub-slab depressurization (SSD) systems at 105 homes within the indoor air area of concern (Figures 6-1 through 6-3). SSD systems are designed to prevent intrusion of vapors from contaminated groundwater into

overlying buildings. SSD systems were offered for 122 homes in the area, but 17 homeowners refused systems. CTDEEP is responsible for maintenance of the installed SSD systems.

A neighborhood-wide SSD system inspection and inventory was completed by CTDEEP in September 2008. The results are presented in the Third Five Year Review Report for Raymark Industries, Inc. Site (EPA, 2010). Any problems identified during the September 2008 inspections were addressed through follow-up activities. System maintenance was performed in December 2008, as necessary. The inspection confirmed that 101 homes still had the systems in place. Two homes were identified as having SSD systems no longer present: 1) 348 Housatonic Ave, where the home was demolished and rebuilt, and 2) 508 Housatonic Ave, which has been remodeled and the system has not been replaced. In both of these cases, CTDEEP has discussed the need to re-install the SSD system with the homeowners. Two homes (150 Riverview Place and 540 Ferry Boulevard) did not participate in the SSD system inspections, so their status is not known. Owners of these two residences did not respond to CTDEEP's request to inspect their internal or inaccessible systems. It is not known whether there have been changes in SSD operation status at any of the homes since 2008. However, a number of homes in the area have sold during that period and the new owners may not be aware of the need to operate the sub-slab depressurization systems. Figures 6-1 through 6-3 present the locations and status of the SSD systems as of 2008.

Based on the residential indoor air areas of concern delineated on Figures 6-1, 6-2, and 6-3, all homes within the residential indoor air areas of concern have SSD systems, except: homes where SSD systems were refused (17), homes where the SSD system was removed (2), any new construction within the indoor air areas of concern, and a residential condominium complex located southeast of the former Raymark facility on the east side of the identified area of concern.

6.1.3 Summary of HHRA for Potential Indoor Air Exposures

The 2005 RI Report HHRA quantitative risk estimates based on indoor air data identified non-carcinogenic hazards in excess of one for residential exposures to indoor air, and carcinogenic risks for lifetime residential exposures to indoor air exceeding the EPA target cancer risk range (10^{-4} to 10^{-6}). No new indoor air data were collected in the 2009/10 sampling efforts; therefore, this OU2 RI Update Report includes no changes to the 2005 RI Report estimation of risk from

indoor air sampling data for homes within the indoor air area of concern. Risks from TCE, vinyl chloride, 1,1,2-TCA, benzene, chloroform, ethylbenzene, and xylenes detected in indoor air prior to 2005 were assumed to be the result of migration of these contaminants from shallow groundwater into indoor air spaces. However, this may be a conservative assumption because many of these VOCs may be present in indoor air from other sources inside the residences.

Both the 2005 RI Report HHRA and this OU2 RI Update Report HHRA evaluations of indoor air modeled from shallow groundwater estimated residential and industrial/commercial worker indoor air cancer risks exceeding the EPA cancer risk range (10^{-4} to 10^{-6}) and non-cancer HIs in excess of one. Based on the OU2 RI Update Report modeled indoor air risk calculations, TCE, 1,1-DCA, 1,1-DCE, and vinyl chloride are identified as the primary COCs for the residential indoor air exposure pathway and TCE, 1,1-DCA, and vinyl chloride are identified as the primary COCs for the industrial/commercial worker indoor air exposure pathway. Revised indoor air areas of concern are presented on Figures 6-1 through 6-3. The overall indoor air areas of concern based on 2009/10 groundwater data are approximately the same as the indoor air areas of concern developed based on 2002/3 groundwater data and 2012 VISLs (Figures 4-6 through 4-9), but slightly smaller than the indoor air areas of concern described in the 2005 RI Report based on TCE only and screening levels in place at the time (Figures 4-10 and 4-11).

As stated previously, as of 2008, vapor intrusion control systems have been installed and are operational in all homes within the revised residential indoor air area(s) of concern shown on Figures 6-1 through 6-3, except: 17 homes where SSD systems were refused, 2 homes where the SSD systems were removed, any new construction within the indoor air areas of concern, and a residential condominium complex located southeast of the former Raymark facility on the east side of the identified area of concern. Residential homes within the indoor air areas of concern that are known to not have operational SSD systems are shown in red on Figures 6-1 through 6-3. Although all buildings in the residential condominium complex are shown in red on these figures, the residential indoor air areas of concern on Figures 6-1 and 6-2 include only a small corner of the residential condominium complex and the residential indoor air area of concern on Figure 6-3 includes less than one half of the residential condominium complex.

Note that no evaluations of human health risks from indoor air exposures have been based on soil gas data, either in the 2005 RI Report or in this OU2 RI Update Report. There has been poor correlation between soil gas data and indoor air data. However, the presence of high soil

gas concentrations at the eastern edge of the groundwater plume (shown on Figure 4-12), the absence of good shallow groundwater data in the area, and no sub-slab soil gas or indoor air data represents an uncertainty.

6.2 Evaluation of Surface Water Concentrations Modeled from Groundwater Data

The 2005 RI Report HHRA also included an evaluation of potential human health risks from exposures to groundwater for recreational users of Ferry Creek. Recreational users of Ferry Creek were evaluated for exposures to future surface water concentrations resulting from migration of groundwater to Ferry Creek, using surface water concentrations modeled from 1997 measured groundwater concentrations. Because overall groundwater contamination has not changed significantly since the 2002/3 sampling round and there have been no changes to toxicity values that would change the 2005 evaluation, no new modeling of future surface water concentrations and no revision to the risk estimates based on future surface water concentrations modeled from groundwater data was performed.

Summary of HHRA for Surface Water Concentrations Modeled from Groundwater

As noted in the 2005 RI Report, surface water exposures are not expected to present a risk for future adult and child recreational users of Ferry Creek. No new modeling of future surface water concentrations and no revision to the risk estimates based on future surface water concentrations modeled from groundwater data was performed in this OU2 RI Update Report.

7.0 OU2 ECOLOGICAL RISK EVALUATION

A screening-level ecological risk assessment (ERA) was conducted as part of the 2005 RI Report (TtNUS, 2005) to evaluate potential risks to ecological receptors in Ferry Creek from site-related contamination in groundwater. For evaluation of the groundwater pathway, the main concern was exposure of aquatic organisms to contamination through direct contact with sediment pore water and overlying surface water. The assessment compared measured surface water and pore water concentrations in Ferry Creek, and modeled surface water concentrations to toxicity threshold values for aquatic receptors.

7.1 Evaluation of Measured Surface Water and Sediment Pore Water Concentrations

Surface water samples were collected from Ferry Creek in 1994 and 1995. Results from these samples were compared to ambient water quality criteria (AWQC) in the OU3 RI for Area I (TtNUS, 1999). These same samples were again compared to AWQC in the 2005 RI Report, but based on salinity data from Ferry Creek, AWQC specific to saltwater were selected for the comparison. Seep (sediment pore water) and surface water samples were collected for a seep study in 1999, and analyzed for VOCs and SVOCs. The 2005 RI Report compared the seep study results to ecological screening values (ESV), including AWQC and other ESVs. No surface water or seep samples were collected during the 2009/10 sampling round and there have been no changes in toxicity values; therefore, this OU2 RI Update Report includes no changes to the 2005 estimation of ecological risks from measured surface water or seep concentrations.

The 2005 RI Report estimated maximum HQs from the 1994 and 1995 surface water samples for copper, lead, and 4,4'-DDT exceeded five, indicating potential risks to aquatic life. However, because the surface water samples collected in 1994 and 1995 were not filtered, the samples are unlikely to be representative of actual surface water concentrations. Using the measured values from unfiltered samples provides an overestimate of the surface water concentration resulting in an overestimate of the dissolved phase concentration and a low confidence in the estimate of the ecological risk for aquatic receptors.

None of the surface water samples collected in the 1999 seep study exceeded the ESVs. Maximum concentrations of several VOCs in the 1999 seep samples exceeded ESVs. HQs were developed based on the ratio of maximum detected seep concentrations to the ESVs. Only the HQ for 1,1-DCE exceeded five; however, the HQ was based on an ESV for freshwater. The HQ for 1,1-DCE based on the more appropriate saltwater ESV was less than one. Note that the surface water and seep samples collected in the 1999 seep study were not filtered. Sediment pore water results overestimate risks since the ESVs to which the results were compared are intended to represent surface water concentrations after mixing has occurred. For this reason, risks from sediment pore water sampling are considered overestimates and risks to aquatic receptors from surface water were considered negligible.

Summary of ERA for Surface Water and Sediment Pore Water Concentrations

The 2005 RI Report identified risks from sediment pore water sampling; however, these risks are considered overestimates and risks to aquatic receptors from surface water were considered negligible. No surface water or seep samples were collected during the 2009/10 sampling round and there have been no changes to the toxicity values used in the 2005 RI evaluation; therefore, this OU2 RI Update Report includes no recalculation of the 2005 ecological risk estimates from measured surface water or seep concentrations. However, the conclusions of the ERA have been revised as described above to reflect the change in approach regarding the use of pore water concentration to estimate risk. The OU2 RI Update Report concludes that risks to aquatic receptors from exposure to surface water or sediment pore water are negligible.

7.2 Evaluation of Modeled Future Surface Water Concentrations

The migration of groundwater contaminants to local surface water bodies was modeled in the 2005 RI Report to generate reasonable worst case concentrations for those contaminants predicted to enter Ferry Creek or the Housatonic River at a single point in the river bed. These predicted future concentrations were compared to ESVs to determine potential future risks to aquatic receptors. Groundwater contaminant concentrations in the OU2 study area have not changed significantly since the 2002/3 sampling round. Consequently, the overall contaminant discharge to surface water is assumed to have not changed significantly. Therefore, no new modeling of future surface water concentrations and no revision to the ecological risk estimates based on future surface water concentrations modeled from groundwater data was performed.

The 2005 RI Report ERA concluded that predicted future surface water concentrations (resulting from discharge of OU2 groundwater to surface water) of arsenic, zinc, and 1,1-DCE in Ferry Creek and TCE in the Housatonic River pose negligible risks to aquatic receptors.

Summary of ERA for Surface Water Concentrations Modeled from Groundwater

The 2005 RI Report ERA concluded that predicted future surface water concentrations of arsenic, zinc, and 1,1-DCE in Ferry Creek and TCE in the Housatonic River pose negligible risks to aquatic receptors. Because groundwater concentrations have not changed and because there have been no changes to the toxicity values used in the 2005 RI ERA evaluation, no new

modeling of future surface water concentrations and no revision to the risk estimates based on future surface water concentrations modeled from groundwater data was performed in this OU2 RI Update Report. The OU2 RI Update Report concludes that risks to aquatic receptors from discharge of OU2 groundwater to surface water are negligible.

8.0 SUMMARY

This OU2 RI Update Report was conducted to provide an update to the 2005 RI Report. Groundwater and soil gas sampling was conducted by EPA and CTDEEP in 2009/10. CTDEEP also collected samples from a NAPL recovery well in 2010. These data are summarized and compared to the results reported in the 2005 RI Report in Section 4.0. Section 5.0 presents an updated discussion of the fate and transport of contaminants within the OU2 study area. Changes to the conclusions of the 2005 RI Report HHRA and ERA are described in Sections 6.0 and 7.0, respectively. The sections below summarize the information from the above sections of this OU2 RI Update Report.

8.1 Nature and Extent

This OU2 RI Update Report presents an update of the nature and extent of contamination in groundwater, the NAPL recovery well, and soil gas beneath and downgradient of the former Raymark facility based on 2009/10 sampling.

Groundwater

In general, comparison of groundwater results from the 2002/3 and the 2009/10 groundwater sampling rounds indicates that groundwater contamination has not changed significantly since the 2002/3 sampling round. Groundwater contamination appears to have diminished slightly across the OU2 study area. Comparison of average concentrations across the well sets sampled in both 2002/3 and 2009/10 and well-by-well comparisons further support this trend.

As demonstrated in Figures 4-1 through 4-4, the overburden and bedrock groundwater plumes for the four primary residential COCs (TCE, 1,1-DCA, 1,1-DCE, and vinyl chloride) have not changed significantly since the 2002/3 sampling. TCE remains at highest concentrations in deep overburden and bedrock in the northern bedrock valley. 1,1-DCA, 1,1-DCE, and vinyl chloride remain at highest concentrations in deep overburden and bedrock in the southern bedrock

valley. Figures 4-6 through 4-9 indicate that there has been no significant change in the shallow groundwater VOC plume.

NAPL Recovery System

One NAPL recovery well was sampled in 2010. Samples collected from this NAPL recovery well are likely a mix of groundwater and NAPL. Unlike the 2009/10 overburden and bedrock groundwater results, concentrations of 1,1,1-TCA, 1,1-DCA, styrene, PCE, toluene, and TCE of the aqueous phase sample collected from the NAPL recovery well exceeded those results reported in 2003. Results of this well are consistent with the presence of a TCE-rich DNAPL source beneath the former acid neutralization pits at the former Raymark facility. Because of the uncertainty in sampling and variability in recovery volumes, no conclusions on the mass recovery of contamination from the aquifer can be drawn based on data from this single well. The NAPL recovery system has recovered approximately 55 gallons of mixed NAPL/water between 2003 and 2007 (the most recent reporting period).

Soil Gas

Soil gas sampling results are generally consistent between the 2002/3 and the 2009/10 sampling rounds with some increases and some decreases in specific wells, with highest concentrations detected along Ferry Boulevard and lesser concentrations along Housatonic Avenue, further downgradient from the former Raymark facility. The presence of high soil gas concentrations at the eastern edge of the groundwater plume, north of Riverview Place, indicates a need for further study of potential indoor air concerns in this area.

8.2 Fate and Transport

This OU2 RI Update Report presents an update of the fate and transport of contaminants within the OU2 study area based on the results of the sampling and assessments that have been performed since the completion of the 2005 RI Report.

Groundwater Flow

The interpretations of groundwater flow developed from the 2009 water level data are similar to the interpretations presented in the 2005 RI Report on Figure 3-7.

Horizontal Gradients

Shallow groundwater flow is generally toward the southeast in the vicinity of the former Raymark facility; the shallow flow becomes more southward in the area south of Ferry Boulevard (Figure 5-1). Groundwater flow deeper in the aquifer is dominated by two prominent southwestern trending bedrock troughs that were identified in the 2005 RI (shown in Figures 4-1 through 4-4 in this OU2 RI Update Report). As shown on Figures 4-1 through 4-4, VOC concentrations are generally highest in the bedrock valley(s).

Vertical Gradients

The general distribution of the vertical gradients observed in the 2009 groundwater elevation survey are consistent with conditions described in the 2005 RI Report. Downward or mixed (i.e. shallow/intermediate in one direction and intermediate/deep in the opposite) gradients were observed in the vicinity of Ferry Creek, indicating that surface water and infiltration is generally recharging the aquifer in the southern portion of OU2. Well nests to the north and close to the Housatonic River generally showed upward gradients, likely due to tidal influence.

Contaminant Degradation

Evaluation of natural attenuation parameter and groundwater contaminant results indicates that anaerobic and aerobic biodegradation and abiotic dechlorination of chlorinated solvents is occurring within the OU2 study area. Anaerobic conditions persist in the downgradient wells in the southern portion of the OU2 study area. Aerobic conditions are present in shallow wells in the southwestern portion of the study area near the Housatonic River. These results support the conclusion that three of the four primary residential COCs (1,1-DCE; 1,1-DCA, and vinyl chloride) are degradation products of contaminants released to OU2 groundwater; 1,1-DCE may also have been released to the subsurface as a pure product or mixture.

Contaminant Sources

As presented in the 2005 RI Report, there are several known contaminant sources, both on and off the former Raymark facility, that have contributed to groundwater contamination within the OU2 study area. The on-facility sources included the former acid neutralization pits, the reported

1,1,1-Trichloroethane (1,1,1-TCA) spill location, the former Lagoon No. 4 location, the reported toluene spill location, and the former chlorobenzene UST. The off-facility sources included 375 Barnum Avenue Cutoff (Synthetic Products), waste lagoons at 540 Longbrook Avenue (Contract Plating), and contaminated fill at 600 East Broadway and near the banks of Ferry Creek (waste from the former Raymark facility and others).

In order to develop a conceptual model of ongoing sources of COC contamination to groundwater from the former Raymark facility, an evaluation of the historical investigations and recent groundwater sampling results was performed. The conclusions of this evaluation are provided below.

The following sources initially identified as potential continuing sources of contamination to groundwater have been determined to NOT be continuing sources of the COCs identified in Section 6 as posing potential risks from exposure to contaminants in indoor air:

- Reported 1,1,1-TCA spill location
- Chlorobenzene UST release
- Reported toluene spill location,
- Waste lagoons at 540 Longbrook Avenue (Contract Plating)
- Contaminated fill at 600 East Broadway
- Contaminated fill along Ferry Creek

The following sources ARE considered to be significant continuing sources of the COCs contributing to potential risks from exposure to contaminants in indoor air:

- Former acid neutralization pits and acid plant (TCE and other COCs)
- Former Lagoon No. 4 (1,1-DCE and 1,1-DCA)
- 375 Barnum Avenue Cutoff (Synthetic Products) (benzene and ethylbenzene only)

Groundwater Contaminant Migration

As shown on Figures 4-6 and 4-8, the extent of the areas of concern for residential indoor air that may be impacted by elevated levels of the OU2 COCs in shallow groundwater has decreased somewhat between 2002/3 and 2009/10 sampling events. Although reductive dechlorination of chlorinated solvents appears to be ongoing in the OU2 groundwater, results

from the two rounds of groundwater sampling performed during the RI investigations indicated that arsenic does not appear to be mobilized to a significant extent by the presence of site contamination. The four primary residential COCs have different fate and transport patterns, influenced by the source location, type of release, chemical characteristics, and groundwater flow and degradation pathways. These are summarized below.

TCE – The maximum groundwater TCE concentration was recorded at RW-3 (500,000 ppb in 2010), in the area of the former acid neutralization pits, in the western portion of the former Raymark facility. The former acid neutralization pits are believed to be the primary source area for TCE, which was likely released to the subsurface as DNAPL. Downward migration of the DNAPL is apparent and the bedrock topography also appears to have an influence on the extent of TCE contamination in the bedrock wells. In this area, some of the highest TCE concentrations detected in both 2002/3 and 2009/10 are observed in the low points in the bedrock topography located just south of the former Raymark facility (see Figure 4-1). TCE migration in the deep overburden and bedrock appears to trend toward the southwest, aligned with the northern bedrock trough, consistent with the location of the source at the former acid neutralization pits.

1,1-DCE – 1,1-DCE has been identified in DNAPL samples collected at the former Raymark facility and is also present in groundwater as a result of abiotic reductive dechlorination and biodegradation of other chlorinated compounds including TCE and 1,1,1-TCA. The distribution of 1,1-DCE in groundwater clearly indicates a source of contamination near MW (PC)-02, which is located adjacent to Lagoon No. 4 (Source Area 5 on Figure 5-2). The distribution of 1,1-DCE within the OU2 study area also appears to be strongly influenced by the nature of the release (i.e. DNAPL and/or degradation of DNAPL contaminants), the nature of the bedrock topography and groundwater flow in the deep overburden. The main axis of the deep 1,1-DCE plumes trends to the southwest, aligned with southern bedrock trough, consistent with the location of the source at Lagoon No. 4.

There is some uncertainty in the source of 1,1-DCE in the shallow groundwater. Several possible fate and transport processes may have resulted in the presence of 1,1-DCE in shallow groundwater including: 1) degradation of TCE originating in the vicinity of the acid neutralization pits; 2) aromatics present in groundwater at the Synthetic Products Site may be facilitating natural attenuation of the 1,1-DCE resulting in lower groundwater concentrations in the area

between the former Raymark facility and the shallow 1,1-DCE plume area; or 3) upward vertical groundwater gradients may have resulted in vertical transport of 1,1-DCE from the more contaminated deeper groundwater. Although the specific source of 1,1-DCE in shallow groundwater in this area is not clear, it is evident that the 1,1-DCE concentration in the groundwater throughout the OU2 study area has significantly attenuated at all depths as evidenced by a comparison of the 2002/3 sampling with the 2009/10 sampling results.

Vinyl Chloride – Vinyl chloride has likely been produced by the sequential biodegradation (aerobic and anaerobic) of chlorinated solvents released at the former Raymark facility. Because it is produced by the degradation of other compounds, vinyl chloride would be expected to be more persistent than the parent compounds. This pattern is illustrated by the minimal change in the areal extent of vinyl chloride in groundwater since 2002/3 and the increase in vinyl chloride concentrations at some locations. Because vinyl chloride is produced by biodegradation, it is also expected that the highest concentrations may occur downgradient of the former Raymark facility source areas. This is particularly evident in the intermediate and deep overburden contamination extent depicted in Figure 4-3.

1,1-DCA – It appears that the source of 1,1-DCA in OU2 groundwater is the anaerobic biodegradation of 1,1,1-TCA. The distribution of 1,1-DCA in groundwater across the Site (Figure 4-4) indicates a source of shallow and intermediate contamination near RW-3 and another source of deep contamination near the former Lagoon No. 4. The aerial extent of groundwater contaminated by 1,1-DCA appears to be generally decreasing in the shallow and intermediate wells and increasing in the deeper zones within the OU2 study area, indicating a deeper continuing presence of 1,1,1-TCA. 1,1-DCA distribution also appears to be influenced by the nature of the release of the parent material (i.e. DNAPL), with highest concentrations observed at PC-02B (i.e. the bedrock well closest to Lagoon No. 4) and the southern bedrock trough.

Contaminant Migration Impacts to Ferry Creek

During the 2009 groundwater elevation survey, vertical groundwater gradients in the vicinity of Ferry Creek were generally downward, indicating that Ferry Creek is discharging water to the aquifer. With the exception of vinyl chloride in MW-111M, contaminant concentrations in the shallow and intermediate wells in the vicinity of Ferry Creek have decreased in the period between the 2002/3 and 2009/10 sampling events.

Contaminant Migration Impacts to Soil Gas

No clear trend is evident for the relationship between groundwater and soil gas contamination at particular locations downgradient of the former Raymark facility. Trends in soil gas data are difficult to establish because soil gas contaminant concentrations are sensitive to a number of environmental conditions such as depth to groundwater, ground cover, precipitation, temperature, barometric pressure changes, wind conditions and other environmental conditions, as well as to the types and concentrations of contaminants present in the groundwater.

Soil gas sampling in 2003 and 2009 was conducted only in the area between Ferry Boulevard and the Housatonic River. As would be expected, the maximum soil gas concentrations were detected on the upgradient edge of the soil gas study area closest to the former Raymark facility. However, there is an inconsistency between the locations of maximum shallow groundwater concentrations and the maximum soil gas concentrations in this area. Maximum soil gas VOC concentrations were generally found in the northeast portion of the soil gas sampling area, whereas the maximum groundwater VOC concentrations were located farther to the southwest. Locations where VOCs were detected in soil gas generally had the same VOCs present in groundwater.

Although uncertainty exists in the relationship between groundwater VOC concentrations and VOC concentrations in both soil gas and indoor air, it is known that VOCs in shallow groundwater are a potential continuing source of VOCs to soil gas and indoor air in nearby buildings. Therefore, the area of concern for vapor intrusion has been delineated in this RI Update Report based on shallow groundwater VOC concentrations. This approach ensures that the area(s) of concern for potential risks from exposure to VOCs in indoor air is adequately, if conservatively, defined.

8.3 Human Health Risk Assessment

The OU2 HHRA included evaluation of potential risks from human exposures to groundwater through volatilization into indoor air and through migration to surface water.

INDOOR AIR

This section presents an evaluation of potential risks from exposure to VOCs in indoor air. Potential risks were evaluated using quantitative risk estimates based on indoor air sampling data and risk estimates based on indoor air concentrations derived by modeling from shallow groundwater concentrations. These two approaches and results are described below. The current status of SSD systems installed to mitigate these risks is also summarized.

Estimates Based on Indoor Air Sampling Data

The 2005 RI Report HHRA quantitative risk estimates based on indoor air data identified non-carcinogenic hazards in excess of one for residential exposures to indoor air and carcinogenic risks for lifetime residential and industrial/commercial worker exposures to indoor air exceeding the EPA target cancer risk range (10^{-4} to 10^{-6}). No new indoor air data were collected in the 2009/10 sampling efforts; therefore, this OU2 RI Update Report includes no changes to the 2005 estimation of risk from indoor air sampling data for homes within the indoor air area of concern. Risks from TCE, vinyl chloride, 1,1,2-TCA, benzene, chloroform, ethylbenzene, and xylenes detected in indoor air are assumed to be the result of migration of these contaminants from shallow groundwater into indoor air spaces.

Estimates Based on Indoor Air Concentrations Modeled from Groundwater Data

Both the 2005 RI Report HHRA and the OU2 RI Update Report HHRA evaluations of indoor air modeled from shallow groundwater, estimated residential and industrial/commercial worker indoor air cancer risks exceeding the EPA cancer risk range (10^{-4} to 10^{-6}) and non-cancer HIs in excess of one. TCE, 1,1-DCA, 1,1-DCE, and vinyl chloride are identified as primary COCs for the residential setting. 1,1-DCA, TCE, and vinyl chloride are identified as primary COCs for the industrial/commercial setting. Benzene, chlorobenzene, chloroform, and ethylbenzene are also considered possible COCs for both residential and industrial/commercial properties. However, because benzene, chlorobenzene, chloroform, and ethylbenzene have been detected infrequently in shallow groundwater their inclusion as risk drivers or COCs has very little impact on the estimated extent of the indoor air areas of concern. Revised indoor air areas of concern based on 2009/10 shallow groundwater data for all COCs together are presented on Figures 4-10 (residential) and 4-11 (industrial/commercial) along with the corresponding indoor air areas of concern delineated in the 2005 RI Report based on TCE only.

These updated indoor air areas of concern based on 2009/10 shallow groundwater data for all COCs together are slightly larger than the indoor air areas of concern described in the 2005 RI Report based on TCE only. The increase is the result of changes to TCE toxicity values and the inclusion of additional COCs in the updated estimates.

Indoor Air Vapor Intrusion Control Systems

As previously stated, vapor intrusion control systems are present and operational in all homes within the revised residential indoor air area(s) of concern shown on Figures 6-1 through 6-3, except: 17 homes where SSD systems were refused, 2 homes where the SSD systems were removed, any new construction within the indoor air areas of concern, and a residential condominium complex located southeast of the former Raymark facility on the east side of the identified area of concern. The SSD system operation status stated here and shown on Figures 6-1 through 6-3 is based on the 2008 survey; current status may be different than shown.

Soil Gas

Note that no evaluations of human health risks from indoor air exposures have been based on soil gas data either in the 2005 RI Report or in this OU2 RI Update Report.

SURFACE WATER

As noted in the 2005 RI Report, surface water exposures are not expected to present a risk for future adult and child recreational users of Ferry Creek. Because overall groundwater contamination has not changed significantly since the 2002/3 sampling round and there have been no changes to toxicity values that would change the 2005 evaluation of risks from exposure to surface water, no new modeling of future surface water concentrations and no revision to the 2005 RI Report risk estimates based on future surface water concentrations modeled from groundwater data was performed in this OU2 RI Update Report.

8.4 Ecological Risk Assessment

The 2005 RI Report ERA included evaluation of potential risks from aquatic receptor exposures to measured surface water and sediment pore water concentrations and modeled future surface water concentrations.

Measured Surface Water and Sediment Pore Water

The 2005 RI Report identified risks from sediment pore water sampling; however, because the risk assessment approach regarding use of pore water has changed since 2005, these risks are considered overestimates. Risks to aquatic receptors from surface water were considered negligible. No new surface water or sediment pore water data were collected in the 2009/10 sampling efforts and there have been no changes in toxicity values that would affect the surface water or pore water evaluations; therefore, this OU2 RI Update Report includes no recalculation of the 2005 ecological risk estimates from measured surface water and sediment pore water sampling data. However, the conclusions of the ERA have been revised to reflect the change in approach regarding the use of pore water concentration to estimate risk. The OU2 RI Update Report concludes that risks to aquatic receptors from exposure to surface water or sediment pore water are negligible.

Modeled Future Surface Water

The 2005 RI Report ERA concluded that predicted future surface water concentrations of arsenic, zinc, and 1,1-DCE in Ferry Creek and TCE in the Housatonic River pose negligible risks to aquatic receptors. Because overall groundwater contamination has not changed significantly since the 2002/3 sampling round and there have been no changes in toxicity values for potential surface water exposures, no new modeling of future surface water concentrations and no revision to the ecological risk estimates based on future surface water concentrations modeled from groundwater data was performed. The OU2 RI Update Report concludes that risks to aquatic receptors from discharge of OU2 groundwater to surface water are negligible.

8.5 Data Gaps and Concerns

The following data gaps and concerns were identified based on the evaluation of the 2002/3 and 2009/10 analytical data presented in the preceding sections of this report:

- Additional groundwater data and water level measurements are needed in the area east of the identified indoor air area of concern for evaluation of groundwater flow in the area of the residential condominium complex, southeast of the former Raymark facility;

- Additional groundwater data and water level measurements are needed in the area east and southeast of MW-519 and south of MW-203 to better define the extent of the shallow groundwater VOC plume and the indoor air area of concern in the area of the residential condominium complex southeast of the former Raymark facility;

- Additional groundwater data and water level measurements are needed in the area of MW-518 SG to clarify the source of high soil gas concentrations in this location and better understand the groundwater/soil gas relationship;

- Additional soil gas data are needed for the area east of MW-519 SG to help define the extent of the shallow groundwater VOC plume and the indoor air area of concern in the area of the residential condominium complex southeast of the former Raymark facility;

- Additional soil gas data are needed in the area of MW-517 to determine soil gas concentrations at this location where high groundwater concentrations were found and to better understand the groundwater/soil gas relationship;

- Evaluation of potential indoor air concerns is needed at a residential condominium complex located southeast of the former Raymark facility, situated partly within the indoor air area of concern identified based on groundwater data (Figures 6-1 through 6-3);

- If warranted based on results of the additional sampling identified above, additional groundwater and soil gas data east and northeast of the residential condominium complex to evaluate potential indoor air concerns in the residences along and near Orchard Street.

- (Re)evaluation of NAPL recovery well operation, locations and recovery system design is needed to determine whether the system should be modified to increase its effectiveness;

- Sampling is needed within areas of known or suspected NAPL on the former Raymark facility to better define the extent of NAPL and aid in developing potential remedial alternatives;

- An updated survey of vapor intrusion control systems at all homes and businesses within the indoor air area(s) of concern, including those who have refused systems in the past, new home owners, and homes and businesses not previously offered systems, to determine whether systems are in place and operational;

- A determination is needed about how to address structures within the indoor air areas of concern that do not have vapor intrusion control systems; and

- Institutional controls for homes and businesses within the indoor air area(s) of concern that would require notification of new homeowners of the importance of installing and maintaining the vapor intrusion control systems.

These data gaps do not affect the ability to select a remedy to address OU2 contamination; however, addressing these data gaps would be helpful in defining the area(s) for cleanup remediation.

9.0 REFERENCES

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TABLES

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
NO REPAIRS REQUIRED					
CRA-2D		7/20/2009	6.81	25.07	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Tubing Inside
CRA-5D	375 Barnum Ave	7/20/2009	5.35	22.56	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Tubing Inside
CRA-6D	375 Barnum Ave	7/20/2009	5.73	22.41	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Tubing Inside. PID 5.8ppm
CRA-8	375 Barnum Ave	7/20/2009	8.30	10.60	Good condition, Appears to be asphalt in the roadbox. Location in driveway to the back loading docks
CRA-8S	375 Barnum Ave	7/23/2009	8.30	10.60	Appears to be asphalt in the roadbox. Location in driveway to the back loading docks
MW-BR1	540 Longbrook Ave.	7/27/2009	13.60	39.30	Good condition
MW-BR2	540 Longbrook Ave.	7/27/2009	15.26	55.71	Good condition
MW-6	540 Longbrook Ave.	7/27/2009	13.50	19.66	No PVC inside standpipe.
MW-7	540 Longbrook Ave.	7/27/2009	13.96	39.60	Good condition
MW-8	540 Longbrook Ave.	7/27/2009	13.85	21.57	Good condition
MW-9	540 Longbrook Ave.	7/27/2009	16.06	24.90	Good condition
MW-101D	600 East Broadway	7/23/2009	6.85	71.45	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-101M	601 East Broadway	7/23/2009	7.61	28.31	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-101S	602 East Broadway	7/23/2009	6.15	17.25	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-102D	603 East Broadway	7/23/2009	7.78	111.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-102M	604 East Broadway	7/23/2009	6.68	31.60	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-102S	605 East Broadway	7/23/2009	6.75	11.25	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-103D	606 East Broadway	7/23/2009	11.30	84.76	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-103M	607 East Broadway	7/23/2009	10.97	39.86	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-104B	608 East Broadway	7/28/2009	7.07	119.93	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-104D	609 East Broadway	7/28/2009	7.70	81.45	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-104S	611 East Broadway	7/28/2009	6.57	11.86	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-110M	Ferry Boulevard	7/22/2009	5.68	27.15	Water above J-plug
MW-111D	Ferry Boulevard	7/22/2009	8.94	90.75	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Location Rotary centre plaza 300 Good condition
MW-111M	Ferry Boulevard	7/22/2009	9.15	35.90	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Location Rotary centre plaza 300 Good condition
MW-111S	Ferry Boulevard	7/22/2009	7.85	11.90	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Location Rotary centre plaza 300 Good condition
MW-112D	Ferry Boulevard	7/23/2009	3.22	41.33	Good Condition - Roadbox, bolts, ID tag/markings, j-plug High PID 432ppm Good Condition
MW-113B	Ferry Boulevard	7/24/2009	5.78	108.94	Good condition
MW-201B	DOT	7/20/2009	10.22	85.10	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-202S	DOT	7/20/2009	7.45	16.21	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-203S	DOT	7/20/2009	8.64	18.12	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-205D	DOT	7/21/2009	13.79	62.26	Good Condition
MW-206SR	DOT	7/21/2009	7.55	21.72	Good Condition
MW-207B	DOT	7/20/2009	15.95	96.28	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-207DR	DOT	7/20/2009	16.02	84.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-207MR	DOT	7/20/2009	15.94	52.71	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-207SR	DOT	7/20/2009	14.64	27.41	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-208B	DOT/RR Access Rd.	7/20/2009	17.99	123.22	Good Condition - Roadbox, bolts, ID tag/markings, j-plug In woods
MW-208D	DOT/RR Access Rd.	7/20/2009	17.88	73.20	Good Condition - Roadbox, bolts, ID tag/markings, j-plug In woods same roadbox as MW-208S

Table 2-1
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Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
NO REPAIRS REQUIRED (cont.)					
MW-208M	DOT/RR Access Rd.	7/20/2009	17.68	54.93	Good Condition - Roadbox, bolts, ID tag/markings, j-plug In woods
MW-208S	DOT/RR Access Rd.	7/20/2009	17.70	27.56	Good Condition - Roadbox, bolts, ID tag/markings, j-plug In woods same roadbox as MW-208D
MW-209B	411 Barnum Ave Cutoff	7/20/2009	6.34	99.13	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-209D	411 Barnum Ave Cutoff	7/20/2009	6.53	68.11	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-211B	DOT	7/20/2009	14.91	170.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-211D	DOT	7/20/2009	15.17	145.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug Good Condition PID 22.0 ppm
MW-211M	DOT	7/20/2009	15.09	105.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-211S	DOT	7/20/2009	14.82	27.32	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-212B	DOT	7/23/2009	8.06	84.48	Good Condition same roadbox as MW-212S
MW-212D	DOT	7/23/2009	8.05	55.05	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-212M	DOT	7/23/2009	8.00	42.48	Good Condition - Roadbox, bolts, ID tag/markings, j-plug PID 37ppm
MW-212S	DOT	7/23/2009	8.06	21.30	Good Condition - Roadbox, bolts, ID tag/markings, j-plug same roadbox as MW-212B
MW-213B	Minor and Burr	7/22/2009	19.28	52.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-213S	Minor and Burr	7/22/2009	19.29	27.91	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-214D	462 Housatonic Ave.	7/23/2009	16.41	48.33	Good Condition - Roadbox, bolts, ID tag/markings, j-plug PID 7.8ppm
MW-214M	462 Housatonic Ave.	7/23/2009	16.03	40.06	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-214S	462 Housatonic Ave.	7/23/2009	16.39	26.64	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-215B	73 Willow St.	7/23/2009	16.95	38.15	Good Condition - Roadbox, bolts, ID tag/markings, j-plug same roadbox as MW-215S
MW-215DB	73 Willow St.	7/23/2009	16.67	54.25	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-215S	73 Willow St.	7/23/2009	16.95	19.62	Good Condition - Roadbox, bolts, ID tag/markings, j-plug same roadbox as MW-215B
MW-216B	DPW	7/22/2009	25.41	65.68	Good Condition
MW-216DB	DPW	7/22/2009	25.51	98.29	Good Condition
MW-217S	242 Housatonic Ave.	7/23/2009	11.56	20.97	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-301D	99 Riverview Plc.	7/22/2009	9.72	45.40	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-301S	99 Riverview Plc.	7/22/2009	10.01	19.90	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-302B	337 Housatonic Ave.	7/23/2009	18.40	91.10	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-304B	411 Barnum Ave Cutoff	7/21/2009	6.25	93.26	Good Condition
MW-305BR	411 Barnum Ave Cutoff	7/21/2009	4.14	105.83	Good Condition
MW-305SR	411 Barnum Ave Cutoff	7/21/2009	4.45	11.29	Good Condition
MW-307B	Cottage Place	7/22/2009	11.52	30.25	Good Condition
MW-309B	250 East Main St.	7/21/2009	6.38	130.21	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-309D	251 East Main St.	7/21/2009	6.90	94.05	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-310B	East Broadway	7/22/2009	13.20	113.00	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-310D	East Broadway	7/22/2009	13.05	57.26	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-310S	East Broadway	7/22/2009	13.10	26.30	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-312S	Lockwood Ave	7/22/2009	2.21	8.40	Good condition
MW-313B	Access road by 95 off Main St	7/22/2009	6.25	12.25	Good condition
MW-313D	Access road by 95 off Main St	7/22/2009	5.86	30.15	Good condition
MW-313S	Access road by 95 off Main St	7/22/2009	5.60	61.90	Good condition

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
NO REPAIRS REQUIRED (cont.)					
MW-4B	The Dock	7/27/2009	9.31	61.14	Good condition
MW-4M (MW-4D)	The Dock	7/27/2009	9.76	24.42	Good condition
MW-4S	The Dock	7/27/2009	9.75	16.75	Good condition
MW-401B	OU-4 Ballfield	7/27/2009	19.55	58.95	Good condition
MW-401S	OU-4 Ballfield	7/27/2009	18.05	26.68	Good condition
MW-501B	Allyndale/E. Main St.	7/24/2009	10.87	58.54	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-501D	Allyndale/E. Main St.	7/24/2009	10.87	44.29	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-501S	Allyndale/E. Main St.	7/24/2009	9.45	17.28	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-502S	411 Barnum Ave Cutoff	7/20/2009	9.44	19.45	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-503B	348 Ferry Boulevard	7/23/2009	2.56	100.51	Good Condition covered by topsoil
MW-503D	347 Ferry Boulevard	7/23/2009	2.36	86.49	Good Condition covered by topsoil
MW-503M	346 Ferry Boulevard	7/23/2009	2.31	41.82	Good Condition covered by topsoil, water in roadbox above J-plug
MW-504B	411 Barnum Ave Cutoff	7/21/2009	5.71	78.70	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-504D	411 Barnum Ave Cutoff	7/21/2009	5.27	62.26	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-504S	411 Barnum Ave Cutoff	7/21/2009	5.81	15.45	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-505B	411 Barnum Ave Cutoff	7/21/2009	4.84	87.30	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-505M	411 Barnum Ave Cutoff	7/21/2009	9.15	22.40	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-505S	411 Barnum Ave Cutoff	7/21/2009	5.26	15.23	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-506B	Raymark Facility	7/20/2009	23.74	107.59	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-506D	Raymark Facility	7/20/2009	23.80	98.42	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-506M	Raymark Facility	7/20/2009	23.53	51.23	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-506S	Raymark Facility	7/20/2009	23.70	32.27	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-508B	85 Homestead	7/22/2009	21.59	83.04	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-508S	85 Homestead	7/22/2009	21.04	28.95	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-510M	411 Barnum Ave Cutoff	7/21/2009	4.72	25.06	Good Condition
MW-512M	411 Barnum Ave Cutoff	7/21/2009	6.01	27.56	Good Condition
MW-513S	DOT - Ferry Boulevard	7/21/2009	8.79	17.95	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-514B	DOT - Ferry Boulevard	7/21/2009	11.70	89.28	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-514D	DOT - Ferry Boulevard	7/21/2009	7.70	70.88	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-514S	DOT - Ferry Boulevard	7/21/2009	11.15	18.10	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-515S	350 Ferry Boulevard	7/23/2009	10.91	18.00	Good Condition covered by topsoil
MW-517S	DOT - Ferry Boulevard	7/21/2009	16.65	26.71	Good Condition - Roadbox, bolts, ID tag/markings, j-plug, Good Condition Near Merge sign at bottom of slope
MW-518S	DOT - Ferry Boulevard	7/21/2009	Dry @ 10.35	10.35	Good Condition - Roadbox, bolts, ID tag/markings, j-plug, Possible obstruction at 10.35' otherwise in Good Condition
MW-519S	DOT - Ferry Boulevard	7/21/2009	12.15	21.90	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-520S	DOT - Ferry Boulevard	7/22/2009	9.11	21.62	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-521S	OU-4 Ballfield	7/22/2009	7.39	16.55	Good Condition
MW-522S	1255 West Broad St.	7/21/2009	7.62	16.47	Covered by grass and soil, Good Condition
MW-523S	Minor and Housatonic	7/22/2009	9.11	20.39	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-524B	VFW	7/20/2009	11.29	85.52	Good Condition
MW-525S	Across from 405 Housatonic Ave.	7/23/2009	19.10	23.33	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-526S	520 Housatonic Ave	7/22/2009	11.00	20.18	Good Condition - Roadbox, bolts, ID tag/markings, j-plug
MW-529S	VFW	7/20/2009	12.84	21.17	Good Condition - Roadbox, bolts, ID tag/markings, j-plug, Good Condition Located at VFW

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
MINOR REPAIRS - REPLACEMENT BOLTS					
MW-532S	OU-5 Shore Road	7/28/2009	7.95	16.40	Good Condition
MW-X	540 Longbrook Ave.	7/27/2009	-	-	unable to open well, screw cap seized closed, maybe cross threaded
SWG-4	OU5 - Housatonic Boat Club	7/28/2009	-	-	10ft riser pipe does not extend into surface water
PZ-13	540 Longbrook Ave.	7/27/2009	14.12	18.62	Good Condition
PZ-14	540 Longbrook Ave.	7/27/2009	14.19	19.32	Good Condition
WA120A6	120 Willow Ave. Front	7/24/2009	-	-	uncertain if correct well, GPS coordinates match, but not the usual type of well, unable to open
CRA-2S	375 Barnum Ave	7/20/2009	6.81	9.51	Tubbing inside, One bolt missing
CRA-4D	375 Barnum Ave	7/23/2009	4.40	22.35	Missing bolts, missing ID tag, water around well 2in below J-plug, sheen observed.
CRA-4S	375 Barnum Ave	7/23/2009	4.40	8.85	Missing two bolts, missing ID tag, 22.3ppm on PID
CRA-6S	375 Barnum Ave	7/20/2009	5.94	9.51	Tubing inside, No bolts. High PID 255ppm
CRA-7	375 Barnum Ave	7/23/2009	7.41	9.05	Well inside warehouse building, missing a bolt.
MW-112M	Ferry Boulevard	7/23/2009	3.31	33.68	High PID 63ppm one bolt missing
MW-201D	DOT	7/20/2009	10.41	37.61	No Bolts, water above J-plug
MW-209S	411 Barnum Ave Cutoff	7/20/2009	5.72	12.61	Missing two bolts
MW-214B	462 Housatonic Ave.	7/23/2009	16.36	66.81	One bolt broken
MW-302D	337 Housatonic Ave.	7/23/2009	18.29	44.25	Missing two bolts
MW-302S	337 Housatonic Ave.	7/23/2009	18.45	23.70	Two bolts broke during removal of cover, missing ID tag
MW-304D	411 Barnum Ave Cutoff	7/21/2009	5.87	59.28	One Bolt Missing
MW-304S	411 Barnum Ave Cutoff	7/21/2009	6.05	18.66	One Bolt Missing
MW-305DR	411 Barnum Ave Cutoff	7/21/2009	4.28	59.32	Missing a bolt
MW-308DB	N. End Chilton nr Patterson	7/22/2009	14.37	69.52	Missing a bolt
MW-309S	252 East Main St.	7/22/2009	6.74	19.16	Missing two bolts
MW-311S	Elm St. & Justin Plc.	7/22/2009	11.34	23.00	Missing two bolts
MW-312B	Lockwood Ave	7/22/2009	4.15	123.00	Missing a bolt
MW-502B	411 Barnum Ave Cutoff	7/20/2009	9.40	45.17	Missing a bolt
MW-502D	411 Barnum Ave Cutoff	7/20/2009	9.43	30.56	Missing Bolts
MW-503S	345 Ferry Boulevard	7/23/2009	2.71	6.30	One bolt missing, roadbox covered by topsoil
MW-507B	605 Housatonic Ave.	7/22/2009	11.68	59.41	No bolts
MW-507D	605 Housatonic Ave.	7/22/2009	11.69	44.21	One bolt stripped
MW-507S	605 Housatonic Ave.	7/22/2009	11.86	21.85	Missing a bolt and one bolt is stripped
MW-508D	85 Homestead	7/22/2009	21.31	66.37	One bolt missing
MW-516M	411 Barnum Ave Cutoff	7/21/2009	5.01	26.00	Two Bolts Stripped
MW-527S	Riverview Place	7/22/2009	12.71	19.20	No Bolts
MW-532S	OU-5 Shore Road	7/28/2009	7.95	16.40	No bolts, cover not secured, j-plug and lock on well, roadbox broken
MINOR REPAIRS - REPLACEMENT ID TAGS					
MW-1M	The Dock	7/27/2009	12.40	17.21	Well not labelled maybe MW-1B, M, or S
MW-1S	The Dock	7/27/2009	14.17	17.16	Well not labelled maybe MW-1B, M, or S
MW-202D	DOT	7/20/2009	7.17	33.19	Covered by grass and soil, missing ID Tag
MW-203D	DOT	7/20/2009	8.68	27.66	Water above J-plug, ID tag rusted needs to be replaced
MW-206D	DOT	7/21/2009	6.62	65.05	Missing one bolt, No ID tag, watter above J-plug
MW-2S	The Dock	7/23/2009	12.66	17.79	Soil getting in roadbox from missing bolt covered by soil No ID Tag
MW-301B	99 Riverview Plc.	7/22/2009	9.50	83.52	Good Condition ID tag fell down and could not be retrieved
MW-311D	Elm St. & Justin Plc.	7/22/2009	12.80	64.00	Missing ID tag
MW-505D	411 Barnum Ave Cutoff	7/21/2009	5.01	73.02	Missing ID tag

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
MINOR REPAIRS - REPLACEMENT ID TAGS (cont.)					
MW-509M	411 Barnum Ave Cutoff	7/21/2009	6.12	17.99	Missing ID tag
MW-511M	411 Barnum Ave Cutoff	7/21/2009	5.16	24.31	ID tag stuck at bottom, missing one bolt
MW-533B	Sydney/East Main St.	7/23/2009	11.20	119.61	J-plug was off upon arrival
MW-533D	Sydney/East Main St.	7/23/2009	10.96	104.21	ID tag unclear
MW-533S	Sydney/East Main St.	7/23/2009	10.94	19.15	ID tag unclear
MW-534S	462 & 448 Housatonic Ave.	7/23/2009	15.25	22.95	Missing ID tag Roadbox Covered by Topsoil
MW-535S	521 Housatonic Ave.	7/22/2009	3.51	8.21	Missing ID tag
MINOR REPAIRS - REPLACEMENT J-PLUG					
MW-10	540 Longbrook Ave.	7/27/2009	11.41	11.41	Well dry, missing J-plug and cover
MW-112B	Ferry Boulevard	7/23/2009	2.86	56.31	J-plug not sealed
MW-213DB	Minor and Burr	7/22/2009	19.47	84.42	J-plug was off
MW-311B	Elm St. & Justin Plc.	7/22/2009	12.58	100.00	Need to replace J-plug
MW-533B	Sydney/East Main St.	7/23/2009	11.20	119.61	J-plug was off
MAJOR REPAIRS - REPLACEMENT ROADBOX					
CRA-5S	375 Barnum Ave	7/20/2009	5.31	8.51	Tubbing inside, Roadbox broken no bolts. High PID 94.3ppm
FCP-4	Ferry Creek	7/21/2009	6.31	15.09	Roadbox broken, no ID tag, J-plug not on well
MW-110D	Ferry Boulevard	7/22/2009	5.95	49.81	No cover
MW-110S	Ferry Boulevard	7/22/2009	dry	0.50	Well destroyed, filled in with soil, no cover, no j-plug
MW-204D	DOT	7/21/2009	7.01	50.20	Well Cover Cracked
MW-206MR	DOT	7/21/2009	7.15	34.60	No Cover Roadbox damaged and buried under the soil
MW-217B	242 Housatonic Ave.	7/23/2009	11.81	67.23	Roadbox destroyed, no J-plug
MW-217D	242 Housatonic Ave.	7/23/2009	12.05	31.91	Roadbox destroyed, no J-plug, no ID tag
MW-307DB	Cottage Place	7/22/2009	12.79	71.03	Roadbox Damaged, missing two bolts
MW-308B	N. End Chilton nr Patterson	7/22/2009	14.51	35.13	Roadbox Damaged, No bolts
MW-312D	Lockwood Ave	7/22/2009	4.20	88.60	Roadbox bent and broken no bolts, pvc is bent no J-plug
MW-4	540 Longbrook Ave.	7/22/2009	dry	15.04	No cap, no J-plug No ID tag
MW-530S	OU-5 Housatonic Boat Club	7/28/2009	5.70	10.30	No bolts, cover not secured, j-plug and lock on well, roadbox broken
MW-DOT-1	Beaneath I-95/The Dock Mall	7/28/2009	6.62	9.21	Roadbox damaged, No ID markings, unable to identify which wells correspond to Boring ID's
MW-DOT-2	Beaneath I-95/The Dock Mall	7/28/2009	5.48, dry	5.48	Roadbox damaged, No ID markings, unable to identify which wells correspond to Boring ID's
MW-DOT-3	Beaneath I-95/The Dock Mall	7/28/2009	8.92	12.69	No ID markings, unable to identify which wells correspond to Boring ID's
MW-DOT-4	Beaneath I-95/The Dock Mall	7/28/2009	8.20, dry	8.20	Roadbox damaged, No ID markings, unable to identify which wells correspond to Boring ID's
MW-DOT-5	Beaneath I-95/The Dock Mall	7/28/2009	7.87	11.28	Roadbox damaged, No ID markings, unable to identify which wells correspond to Boring ID's
MW-DOT-6	Beaneath I-95/The Dock Mall	7/28/2009	-	-	Roadbox damaged, No ID markings, unable to identify which wells correspond to Boring ID's
MAJOR REPAIRS - REPLACEMENT WELL					
MW-110S	Ferry Boulevard	7/22/2009	dry	0.50	well destroyed filled in with soil, no cover, no j-plug

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
MONITORING WELLS NOT LOCATED DURING JULY 2009 WELL INSPECTION					
CRA-1D	375 Barnum Ave	7/23/2009	-	-	unable to locate well, GPS coordinates indicate well under pavement
CRA-1S	375 Barnum Ave	7/23/2009	-	-	unable to locate well, GPS coordinates indicate well under pavement
CRA-3	375 Barnum Ave	7/28/2009	-	-	unable to locate well
CRA-8D	375 Barnum Ave	7/23/2009	-	-	unable to locate well, GPS coordinates indicate well under pavement
FCP-1	Ferry Creek - Piezometer	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
FCP-2	Ferry Creek	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
FCP-3	Ferry Creek	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
FCP-6	Ferry Creek	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
FCP-7	Ferry Creek	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
FCP-8	Ferry Creek	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-06 (200-E)	OU-4 Ballfield - Old Well	7/29/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-1	540 Longbrook Ave.	7/27/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-104M	610 East Broadway	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-120S	Housatonic Boat Club	7/28/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-1B	The Dock	7/27/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-2	OU-4 Ballfield - Old Well	7/27/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-210B	411 Barnum Ave Cutoff	7/21/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-210D	411 Barnum Ave Cutoff	7/21/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-210S	411 Barnum Ave Cutoff	7/21/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-2A	540 Longbrook Ave.	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-3	OU-4 Ballfield - Old Well	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector
MW-303B	730 Barnum Ave.	7/22/2009	-	-	unable to locate well, GPS coordinates indicate well under pavement
MW-306B	540 Longbrook Ave.	7/28/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates

Table 2-1
Master List of Groundwater Monitoring Wells Inspected in 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Boring	Property	Date Inspected	Water Level (FT)	Total Depth (FT)	Comments/Conditions
MONITORING WELLS NOT LOCATED DURING JULY 2009 WELL INSPECTION (cont.)					
MW-306DB	541 Longbrook Ave.	7/28/2009	-	-	GPS coordinates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-3A	540 Longbrook Ave.	7/28/2009	-	-	unable to locate using GPS and metal detector
MW-3S	The Dock	7/28/2009	-	-	unable to locate using GPS and metal detector
MW-4	OU-4 Ballfield - Old Well	7/28/2009	-	-	unable to locate using GPS coordinates and metal dectector
MW-528S	Vacant lot on Housatonic Ave.	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector, location is extremely overgrown, maybe able to locate once growth has died
MW-531S	OU-5 Housatonic Boat Club	7/28/2009	-	-	GPS coordiates indicate wells below pavement, metal detector indicate object below pavement at GPS coordinates
MW-536S	Lot behind 382 Ferry Boulevard	7/23/2009	-	-	unable to locate well using GPS coordinates and metal detector
MW-Y	540 Longbrook Ave.	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector
PZ-12	540 Longbrook Ave.	7/28/2009	-	-	unable to locate using GPS coordinates and metal detector
SB-1 (CRA-1S&D)	375 Barnum Ave	7/23/2009	-	-	unable to locate well, GPS coordinates indicate well under pavement
SB-6 (CRA-3)	375 Barnum Ave	7/28/2009	-	-	See CRA-3, unable to locate using GPS coordinates
SPDA-E222,S132	Spada Wetland		-	-	unable to locate well using GPS coordinates
SWG-1	Ferry Creek at Ferry Blvd by MW-11		-	-	unable to locate well using GPS coordinates
SWG-3	Ferry Creek N. of I-95		-	-	unable to locate well using GPS coordinates
SWG-6	Housatonic River		-	-	unable to locate well using GPS coordinates
SWG-7 (PIER)	The Dock Mall/Marina	7/27/2009	-	-	unable to locate well using GPS coordinates
MW 113M			-	-	unable to locate well using GPS coordinates
MW-302M			-	-	unable to locate well using GPS coordinates

Notes:
1. This table does not include those wells located on the former Raymark facility. Those wells are inspected, maintained, and sampled by the Connecticut Department of Energy and Environmental Protection (CTDEEP).

Table 2-2
Groundwater Monitoring Wells Sampled in 2009
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	Property	Total Depth (FT)	Date Sampled[1]/ Reason Not Sampled
EPA MONITORING WELLS			
CRA-2D	375 Barnum Ave. Cut-off	25.07	Sampled 11/5/09
CRA-5D	375 Barnum Ave. Cut-off	22.56	Sampled 11/5/09
CRA-6D	375 Barnum Ave. Cut-off	22.41	Sampled 11/6/09
CRA-8S	375 Barnum Ave. Cut-off	10.60	Well Dry during Sampling Event
MW-101D	600 East Broadway	71.45	Sampled 11/5/09
MW-101M	601 East Broadway	28.31	Sampled 11/5/09
MW-101S	602 East Broadway	17.25	Sampled 11/9/09
MW-102S	605 East Broadway	11.25	Sampled 11/5/09
MW-104B	608 East Broadway	119.93	Sampled 11/4/09
MW-104D	609 East Broadway	81.45	Sampled 11/4/09
MW-104S	611 East Broadway	11.86	Sampled 11/4/09
MW-110M	Ferry Boulevard	27.15	Sampled 11/6/09
MW-111D	Ferry Boulevard	90.75	Sampled 11/4/09
MW-111M	Ferry Boulevard	35.90	Sampled 11/4/09
MW-111S	Ferry Boulevard	11.90	Well Dry during Sampling Event
MW-201B	DOT	85.10	Sampled 11/10/09
MW-202S	DOT	16.21	Lost Due to Construction Activities
MW-203S	DOT	18.12	Sampled 11/4/09
MW-207MR	DOT	52.71	Sampled 11/3/09
MW-207SR	DOT	27.41	Sampled 11/13/09
MW-208S	DOT/RR Access Rd.	27.56	Sampled 11/12/09
MW-211B	DOT	170.00	Sampled 11/3/09
MW-211D	DOT	145.00	Sampled 11/3/09
MW-211M	DOT	105.00	Sampled 11/9/09
MW-211S	DOT	27.32	Sampled 11/9/09
MW-212D	DOT	55.05	Sampled 11/2/09
MW-212M	DOT	42.48	Sampled 11/2/09
MW-212S	DOT	21.30	Sampled 11/10/09
MW-213B	Minor and Burr	52.00	Sampled 10/26/09
MW-213S	Minor and Burr	27.91	Sampled 11/13/09
MW-214D	462 Housatonic Ave.	48.33	Sampled 11/2/09
MW-214M	462 Housatonic Ave.	40.06	Sampled 11/5/09
MW-214S	462 Housatonic Ave.	26.64	Sampled 11/5/09
MW-215B	73 Willow St.	38.15	Sampled 10/29/09
MW-215S	73 Willow St.	19.62	Sampled 11/12/09
MW-217S	242 Housatonic Ave.	20.97	Sampled 11/10/09
MW-301D	99 Riverview Plc.	45.40	Sampled 10/29/09
MW-301S	99 Riverview Plc.	19.90	Sampled 11/10/09
MW-302B	337 Housatonic Ave.	91.10	Sampled 10/28/09
MW-310B	East Broadway	113.00	Sampled 11/3/09
MW-310D	East Broadway	57.26	Sampled 10/27/09
MW-310S	East Broadway	26.30	Sampled 10/27/09
MW-501B	Allyndale/E. Main St.	58.54	Sampled 11/2/09
MW-501D	Allyndale/E. Main St.	44.29	Sampled 10/30/09
MW-501S	Allyndale/E. Main St.	17.28	Sampled 11/12/09
MW-502S	411 Barnum Ave. Cut-off	19.45	Sampled 11/12/09
MW-504D	411 Barnum Ave. Cut-off	62.26	Sampled 11/11/09
MW-504S	411 Barnum Ave. Cut-off	15.45	Sampled 11/11/09

Table 2-2
Groundwater Monitoring Wells Sampled in 2009
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	Property	Total Depth (FT)	Date Sampled[1]/ Reason Not Sampled
EPA MONITORING WELLS (cont.)			
MW-505B	411 Barnum Ave. Cut-off	87.30	Sampled 11/11/09
MW-505M	411 Barnum Ave. Cut-off	22.40	Sampled 11/11/09
MW-505S	411 Barnum Ave. Cut-off	15.23	Well Dry during Sampling Event
MW-506D	Raymark Facility	98.42	Sampled 11/3/09
MW-506M	Raymark Facility	51.23	Sampled 11/3/09
MW-506S	Raymark Facility	32.27	Sampled 11/3/09
MW-508S	85 Homestead	28.95	Sampled 11/12/09
MW-513S	DOT - Ferry Boulevard	17.95	Sampled 11/10/09
MW-514B	DOT - Ferry Boulevard	89.28	Sampled 10/29/09
MW-514D	DOT - Ferry Boulevard	70.88	Sampled 10/29/09
MW-514S	DOT - Ferry Boulevard	18.10	Sampled 11/10/09
MW-517S	DOT - Ferry Boulevard	26.71	Sampled 11/10/09
MW-518S	DOT - Ferry Boulevard	10.35	Well Dry during Sampling Event
MW-519S	DOT - Ferry Boulevard	21.90	Sampled 11/12/09
MW-520S	DOT - Ferry Boulevard	21.62	Sampled 11/12/09
MW-523S	Minor and Housatonic	20.39	Sampled 11/10/09
MW-525S	Across from 405 Housatonic Ave.	23.33	Sampled 11/6/09
MW-526S	520 Housatonic Ave	20.18	Sampled 11/10/09
MW-529S	VFW	21.17	Sampled 11/5/09
MW-503D	347 Ferry Boulevard	86.49	No Signed Access Agreement
MW-503M	346 Ferry Boulevard	41.82	No Signed Access Agreement
MW-515S	350 Ferry Boulevard	18.00	Sampled 11/12/09
MW-522S	1255 West Broad St.	16.47	Sampled 11/3/09
CRA-2S	375 Barnum Ave. Cut-off	9.51	Sampled 11/5/09
CRA-4D	375 Barnum Ave. Cut-off	22.35	Sampled 11/5/09
CRA-4S	375 Barnum Ave. Cut-off	8.85	Sampled 11/5/09
CRA-6S	375 Barnum Ave. Cut-off	9.51	Sampled 11/6/09
CRA-7S	375 Barnum Ave. Cut-off	9.05	Well Dry during Sampling Event
MW-112M	Ferry Boulevard	33.68	Sampled 11/4/09
MW-201D	DOT	37.61	Sampled 11/10/09
MW-209S	411 Barnum Ave. Cut-off	12.61	Sampled 11/12/09
MW-302D	337 Housatonic Ave.	44.25	Sampled 10/28/09
MW-302S	337 Housatonic Ave.	23.70	Sampled 11/10/09
MW-309S	252 East Main St.	19.16	Sampled 11/11/09
MW-503S	345 Ferry Boulevard	6.30	No Signed Access Agreement
MW-507B	605 Housatonic Ave.	59.41	Sampled 10/27/09
MW-507D	605 Housatonic Ave.	44.21	Sampled 10/27/09
MW-507S	605 Housatonic Ave.	21.85	Sampled 11/11/09
MW-508D	85 Homestead	66.37	Sampled 10/28/09
MW-516M	411 Barnum Ave. Cut-off	26.00	Sampled 11/11/09
MW-527S	Riverview Place	19.20	Sampled 11/12/09
MW-202D	DOT	33.19	Lost Due to Construction Activities
MW-203D	DOT	27.66	Sampled 11/4/09
MW-301B	99 Riverview Plc.	83.52	Sampled 10/29/09
MW-505D	411 Barnum Ave. Cut-off	73.02	Sampled 11/11/09
MW-509M	411 Barnum Ave. Cut-off	17.99	Sampled 11/11/09
MW-534S	462 & 448 Housatonic Ave.	22.95	Sampled 11/9/09
MW-535S	521 Housatonic Ave.	8.21	Sampled 11/17/09

Table 2-2
Groundwater Monitoring Wells Sampled in 2009
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	Property	Total Depth (FT)	Date Sampled[1]/ Reason Not Sampled
EPA MONITORING WELLS (cont.)			
CRA-5S	375 Barnum Ave. Cut-off	8.51	Sampled 11/9/09
MW-110D	Ferry Boulevard	49.81	Sampled 11/5/09
MW-217D	242 Housatonic Ave.	31.91	Sampled 10/30/09
MW-110S	Ferry Boulevard	0.50	Sampled 11/6/09
MW-204D	DOT	50.20	Sampled 11/16/09
CTDEEP MONITORING WELLS[2]			
MW-PC01B	Former Raymark Facility	-88.00	Sampled 11/6/09
MW-PC01D	Former Raymark Facility	-63.00	Sampled 11/3/09
MW-PC01M	Former Raymark Facility	-38.60	Sampled 11/3/09
MW-PC01S	Former Raymark Facility	-10.5	Sampled 11/6/09
MW-PC02B	Former Raymark Facility	-115.1	Sampled 11/3/09
MW-PC02D	Former Raymark Facility	-92.1	Sampled 11/3/09
MW-PC02M	Former Raymark Facility	-63.1	Pump Stuck in Well
MW-PC02S	Former Raymark Facility	-5.3	Sampled 11/2/09
MW-PC03B	Former Raymark Facility	-33.6	Sampled 11/3/09
MW-PC03D	Former Raymark Facility	-10.2	Sampled 11/2/09
MW-PC03S	Former Raymark Facility	-3.8	Sampled 11/3/09
MW-PC04B	Former Raymark Facility	-45.9	Sampled 11/4/09
MW-PC04D	Former Raymark Facility	-22.5	Sampled 11/4/09
MW-PC04S	Former Raymark Facility	-9.0	Sampled 11/4/09
MW-PC05B	Former Raymark Facility	-83.0	Sampled 11/4/09
MW-PC05D	Former Raymark Facility	-56.0	Sampled 11/4/09
MW-PC05M	Former Raymark Facility	-44.0	Sampled 11/4/09
MW-PC05S	Former Raymark Facility	-3.5	Sampled 11/4/09
MW-PC06B	Former Raymark Facility	-106.3	Sampled 11/2/09
MW-PC06D	Former Raymark Facility	-62.7	Sampled 11/2/09
MW-PC06M	Former Raymark Facility	-42.5	Sampled 11/2/09
MW-PC06S	Former Raymark Facility	-3.9	Sampled 11/2/09
MW-PC07S	Former Raymark Facility	-8.5	Sampled 11/4/09
MW-PC08B	Former Raymark Facility	-43.3	Sampled 11/5/09
MW-PC08D	Former Raymark Facility	-20.1	Sampled 11/5/09
MW-PC08S	Former Raymark Facility	-8.5	Sampled 11/5/09
MW-PC09D	Former Raymark Facility	-28.2	Sampled 11/5/09
MW-PC09S	Former Raymark Facility	-10.5	Sampled 11/5/09
MW-PC10B	Former Raymark Facility	-68.3	Sampled 11/4/09
MW-PC10D	Former Raymark Facility	-44.8	Sampled 11/4/09
MW-PC10M	Former Raymark Facility	-27.8	Sampled 11/4/09
MW-PC10S	Former Raymark Facility	-7.2	Sampled 11/4/09
MW-PC11B	Former Raymark Facility	-61.9	Sampled 11/6/09
MW-PC11D	Former Raymark Facility	-38.3	Sampled 11/6/09
MW-PC11M	Former Raymark Facility	-23.3	Sampled 11/6/09
MW-PC11S	Former Raymark Facility	-9.1	Sampled 11/6/09
MW-PC12B	Former Raymark Facility	-54.5	Sampled 11/5/09
MW-PC12D	Former Raymark Facility	-30.1	Sampled 11/5/09
MW-PC12S	Former Raymark Facility	-9.2	Sampled 11/5/09
MW-PC13B	Former Raymark Facility	-82.4	Sampled 11/4/09
MW-PC13D	Former Raymark Facility	-61.0	Sampled 11/3/09
MW-PC13M	Former Raymark Facility	-40.1	Sampled 11/4/09
MW-PC13S	Former Raymark Facility	-6.0	Sampled 11/3/09
MW-PC14B	Former Raymark Facility	-55.3	Sampled 11/5/09
MW-PC14D	Former Raymark Facility	-31.8	Sampled 11/5/09
MW-PC14S	Former Raymark Facility	-7.6	Sampled 11/5/09
MW-PC15B	Former Raymark Facility	-36.1	Sampled 11/4/09

Table 2-2
Groundwater Monitoring Wells Sampled in 2009
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	Property	Total Depth (FT)	Date Sampled[1]/ Reason Not Sampled
CTDEEP MONITORING WELLS[2] (cont.)			
MW-PC15D	Former Raymark Facility	-12.0	Sampled 11/3/09
MW-PC15S	Former Raymark Facility	-7.1	Sampled 11/4/09
MW-PC16B	Former Raymark Facility	-92.8	Sampled 11/5/09
MW-PC16D	Former Raymark Facility	-63.3	Sampled 11/3/09
MW-PC16M	Former Raymark Facility	-28.3	Sampled 11/3/09
MW-PC16S	Former Raymark Facility	-5.2	Sampled 11/2/09

Notes:
1. All groundwater wells sampled in 2009 were also sampled in 2002/3.
2. Connecticut Department of Energy and Environmental Protection (CTDEEP) monitoring wells are inspected, maintained, and sampled by the CTDEEP. Total depths listed for CTDEEP wells are total well elevation depths, obtained from Appendix D of the 2005 Remedial Investigation Report.

Table 2-3
Soil Gas Wells Sampled in 2009
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	Property	Date Sampled
MW-111SG	Ferry Boulevard	10/28/2009
MW-202SG	DOT	10/28/2009
MW-203SG	DOT	Not Sampled 2009
MW-213SG	Minor and Burr	10/27/2009
MW-214SG	462 Housatonic Ave.	10/26/2009
MW-215SG	73 Willow St.	10/27/2009
MW-507SG	605 Housatonic Ave.	10/27/2009
MW-508SG	85 Homestead	10/27/2009
MW-514SG	DOT - Ferry Boulevard	10/28/2009
MW-515SG	350 Ferry Boulevard	10/28/2009
MW-518SG	DOT - Ferry Boulevard	10/28/2009
MW-519SG	DOT - Ferry Boulevard	10/28/2009
MW-523SGD	Minor/Housatonic	10/27/2009
MW-523SGM	Minor/Housatonic	10/27/2009
MW-523SGS	Minor/Housatonic	10/27/2009
MW-526SGD	520 Housatonic Ave	10/27/2009 and 10/28/2009
MW-526SGM	520 Housatonic Ave	10/27/2009
MW-526SGS	520 Housatonic Ave	10/27/2009
MW-527SG	Riverview Place	10/28/2009
MW-535SG	520 Housatonic Ave	10/27/2009
MW-520SG	DOT - Ferry Boulevard	10/28/2009
MW-302SG	337 Housatonic Ave.	10/26/2009
MW-513SG	DOT - Ferry Boulevard	10/28/2009
MW-525SG	Across from 405 Housatonic Ave.	10/28/2009
MW-534SG	462 and 448 Housatonic Ave	10/27/2009

1. All soil gas wells sampled in 2009 were also sampled in 2003.

Table 2-4
Groundwater Gauging and Water Table Elevation Data - 2003 and 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Monitoring Well	2009 Measurement Date	Top of Inner Casing Elevation[2] (ft)	Measured Depth to Groundwater 2009 (ft)	Groundwater Elevation 2009[2] (ft)	Measured Depth to Groundwater 2003 (ft)	Groundwater Elevation 2003[2] (ft)
CRA-2S/SB-2	10/20/2009	10.98	8.48	2.50	6.24	4.74
CRA-2D/SB-2	10/20/2009	10.98	7.44	3.54	6.00	4.98
MW-2S	10/20/2009	17.11	13.38	3.73	12.04	5.07
MW-4	10/20/2009	22.06	15.55	6.51	15.73	6.33
MW-4S	10/20/2009	14.34	10.65	3.69	9.32	5.02
MW-4B	10/20/2009	14.31	10.42	3.89	8.93	5.38
MW-4M	10/20/2009	14.38	10.65	3.73	9.41	4.97
MW-10	10/20/2009	22.38	DRY	-	16.04	6.34
CRA-4S	10/20/2009	8.59	5.13	3.46	NA	-
CRA-5S	10/20/2009	9.5	5.94	3.56	4.80	4.70
CRA-5D	10/20/2009	9.44	5.97	3.47	4.90	4.54
CRA-6S/SB-9A	10/20/2009	9.97	6.61	3.36	5.55	4.42
CRA-6D/SB-9	10/20/2009	9.77	6.38	3.39	5.25	4.52
CRA-8/SB-13	10/20/2009	12.5	9.02	3.48	7.88	4.62
CRA-8S	10/20/2009	10.98	8.48	2.50	NA	-
CRA-8D	10/20/2009	10.98	7.44	3.54	NA	-
MW-101D	10/20/2009	10.56	7.51	3.05	6.63	3.93
MW-101M	10/20/2009	11.21	8.29	2.92	7.39	3.82
MW-101S	10/20/2009	10.51	6.84	3.67	5.69	4.82
MW-102S	10/20/2009	11.4	7.98	3.42	5.33	6.07
MW-102D	10/20/2009	11.75	8.55	3.20	7.35	4.40
MW-102M	10/20/2009	11.3	7.43	3.87	6.99	4.31
MW-103D	10/20/2009	15.11	12.06	3.05	11.10	4.01
MW-103M	10/20/2009	14.71	11.70	3.01	10.74	3.97
MW-104B	10/20/2009	10.3	7.61	2.69	6.98	3.32
MW-104D	10/20/2009	11.03	8.21	2.82	7.71	3.32
MW-104S	10/20/2009	10.99	8.03	2.96	6.08	4.91
MW-110M	10/20/2009	9.28	6.25	3.03	5.85	3.43
MW-110D	10/20/2009	9.33	6.54	2.79	5.78	3.55
MW-111D	10/20/2009	12.33	9.50	2.83	8.99	3.34
MW-111M	10/20/2009	12.7	9.70	3.00	9.61	3.09
MW-111S	10/20/2009	12.03	9.15	2.88	8.61	3.42
MW-112B	10/20/2009	6.41	3.44	2.97	3.08	3.33
MW-112D	10/20/2009	6.74	3.80	2.94	3.43	3.31
MW-112M	10/20/2009	6.73	3.92	2.81	3.56	3.17
MW-113M	10/20/2009	8.76	6.38	2.38	5.70	3.06
MW-201B	10/20/2009	14.62	10.88	3.74	9.49	5.13
MW-201D	10/20/2009	14.71	11.02	3.69	9.65	5.06
MW-203D	10/20/2009	12.98	9.29	3.69	7.99	4.99
MW-203S	10/20/2009	12.92	9.91	3.01	7.88	5.04
MW-204D	10/20/2009	11.27	7.55	3.72	6.48	4.79
MW-205D	10/20/2009	17.99	14.40	3.59	13.26	4.73
MW-206D	10/20/2009	11.04	7.31	3.73	5.97	5.07
MW-206MR	10/20/2009	11.54	7.86	3.68	6.53	5.01
MW-206SR	10/20/2009	11.91	8.19	3.72	6.87	5.04
MW-207B	10/20/2009	20.27	16.65	3.62	15.43	4.84
MW-207MR	10/20/2009	20.26	16.65	3.61	15.42	4.84
MW-207DR	10/20/2009	20.34	16.72	3.62	15.22	5.12
MW-207SR	10/20/2009	19.96	16.35	3.61	15.15	4.81

Table 2-4
Groundwater Gauging and Water Table Elevation Data - 2003 and 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Monitoring Well	2009 Measurement Date	Top of Inner Casing Elevation[2] (ft)	Measured Depth to Groundwater 2009 (ft)	Groundwater Elevation 2009[2] (ft)	Measured Depth to Groundwater 2003 (ft)	Groundwater Elevation 2003[2] (ft)
MW-208B	10/20/2009	23.85	19.04	4.81	17.00	6.85
MW-208D	10/20/2009	23.71	18.89	4.82	16.87	6.84
MW-208M	10/20/2009	23.53	18.71	4.82	16.68	6.85
MW-208S	10/20/2009	23.75	18.81	4.94	16.84	6.91
MW-209S	10/20/2009	12.25	6.14	6.11	5.52	6.73
MW-209B	10/20/2009	11.81	6.73	5.08	5.72	6.09
MW-209D	10/20/2009	12.01	7.39	4.62	5.80	6.21
MW-211B	10/20/2009	19.25	15.55	3.70	14.63	4.62
MW-211D	10/20/2009	19.29	15.81	3.48	14.77	4.52
MW-211M	10/20/2009	19.28	15.78	3.50	14.69	4.59
MW-211S	10/20/2009	19.24	15.43	3.81	14.68	4.56
MW-212D	10/20/2009	11.82	8.72	3.10	7.88	3.94
MW-212B	10/20/2009	11.82	8.70	3.12	7.58	4.24
MW-212M	10/20/2009	11.77	8.69	3.08	7.85	3.92
MW-212S	10/20/2009	11.83	8.72	3.11	7.94	3.89
MW-213DB	10/20/2009	22.9	19.90	3.00	19.21	3.69
MW-213S	10/20/2009	22.75	19.70	3.05	18.99	3.76
MW-213B	10/20/2009	22.77	19.75	3.02	19.01	3.76
MW-214B	10/20/2009	19.68	16.66	3.02	16.17	3.51
MW-214D	10/20/2009	19.73	16.69	3.04	16.21	3.52
MW-214M	10/20/2009	19.37	16.33	3.04	15.82	3.55
MW-214S	10/20/2009	19.73	16.68	3.05	16.16	3.57
MW-215S	10/20/2009	20.41	17.46	2.95	16.73	3.68
MW-215B	10/20/2009	20.39	17.46	2.93	16.70	3.69
MW-215DB	10/20/2009	20.05	17.18	2.87	16.40	3.65
MW-216B	10/20/2009	30.89	26.30	4.59	24.61	6.28
MW-216DB	10/20/2009	30.96	26.32	4.64	24.65	6.31
MW-217B	10/20/2009	16.01	12.20	3.81	12.29	3.72
MW-217D	10/20/2009	15.97	12.41	3.56	12.14	3.83
MW-217S	10/20/2009	15.3	12.33	2.97	12.00	3.30
MW-301B	10/20/2009	13.12	9.71	3.41	9.42	3.70
MW-301D	10/20/2009	13.38	9.93	3.45	9.64	3.74
MW-301S	10/20/2009	13.67	10.21	3.46	9.77	3.90
MW-302B	10/20/2009	22.46	18.65	3.81	18.33	4.13
MW-302D	10/20/2009	22.07	18.50	3.57	18.22	3.85
MW-302S	10/20/2009	22.22	18.77	3.45	18.42	3.80
MW-304B	10/20/2009	10.16	6.85	3.31	5.62	4.54
MW-304D	10/20/2009	9.78	6.51	3.27	5.56	4.22
MW-304S	10/20/2009	10.00	6.66	3.34	5.76	4.24
MW-305BR	10/20/2009	8.65	4.89	3.76	4.12	4.53
MW-305SR	10/20/2009	8.94	6.39	2.55	6.21	2.73
MW-305DR	10/20/2009	8.65	4.97	3.68	4.45	4.20
MW-307B	10/20/2009	34.44	14.87	19.57	7.92	26.52
MW-308DB	10/20/2009	37.93	16.62	21.31	11.09	26.84
MW-308B	10/20/2009	37.77	16.68	21.09	11.09	26.68
MW-309B	10/20/2009	10.89	7.04	3.85	5.75	5.14
MW-309D	10/20/2009	11.38	7.58	3.80	6.32	5.06
MW-309S	10/20/2009	11.18	7.40	3.78	6.15	5.03
MW-310B	10/20/2009	16.24	13.41	2.83	12.90	3.34

Table 2-4
Groundwater Gauging and Water Table Elevation Data - 2003 and 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Monitoring Well	2009 Measurement Date	Top of Inner Casing Elevation[2] (ft)	Measured Depth to Groundwater 2009 (ft)	Groundwater Elevation 2009[2] (ft)	Measured Depth to Groundwater 2003 (ft)	Groundwater Elevation 2003[2] (ft)
MW-310D	10/20/2009	16.36	14.22	2.14	12.87	3.49
MW-310S	10/20/2009	16.46	14.53	1.93	12.87	3.59
MW-311B	10/20/2009	17.37	13.31	4.06	11.80	5.57
MW-311D	10/20/2009	17.48	13.53	3.95	12.04	5.44
MW-311S	10/20/2009	17.49	12.31	5.18	10.20	7.29
MW-312S	10/20/2009	7.29	2.70	4.59	2.55	4.74
MW-312D	10/20/2009	7.14	3.80	3.34	4.22	2.92
MW-312B	10/20/2009	7.05	3.75	3.30	4.06	2.99
MW-313B	10/20/2009	11.49	6.10	5.39	5.61	5.88
MW-313D	10/20/2009	11.61	6.14	5.47	5.73	5.88
MW-313S	10/20/2009	11.78	6.59	5.19	6.08	5.70
MW-401B	10/20/2009	25.36	20.97	4.39	18.42	6.94
MW-401S	10/20/2009	24.77	20.44	4.33	17.97	6.80
MW-501S	10/20/2009	16.01	10.78	5.23	8.00	8.01
MW-501D	10/20/2009	16.05	11.74	4.31	10.30	5.75
MW-501B	10/20/2009	16.72	11.74	4.98	9.82	6.90
MW-502B	10/20/2009	13.44	10.11	3.33	9.14	4.30
MW-502S	10/20/2009	13.42	10.13	3.29	9.16	4.26
MW-502D	10/20/2009	13.42	9.98	3.44	9.19	4.23
MW-503S	10/20/2009	6.24	3.34	2.90	3.48	2.76
MW-503M	10/20/2009	6.00	2.93	3.07	2.36	3.64
MW-503B	10/20/2009	6.21	3.16	3.05	2.60	3.61
MW-503D	10/20/2009	5.96	2.91	3.05	2.30	3.66
MW-504B	10/20/2009	9.55	6.33	3.22	5.39	4.16
MW-504D	10/20/2009	9.17	5.91	3.26	5.03	4.14
MW-504S	10/20/2009	9.65	6.43	3.22	5.55	4.10
MW-505S	10/20/2009	9.03	5.84	3.19	5.13	3.90
MW-505M	10/20/2009	8.99	5.75	3.24	4.89	4.10
MW-505D	10/20/2009	8.92	6.66	2.26	4.71	4.21
MW-505B	10/20/2009	8.72	5.53	3.19	4.58	4.14
MW-506D	10/20/2009	29.51	24.80	4.71	22.85	6.66
MW-506B	10/20/2009	59.65	24.26	35.39	19.18	40.47
MW-506M	10/20/2009	29.36	24.52	4.84	22.77	6.59
MW-506S	10/20/2009	29.21	24.43	4.78	22.66	6.55
MW-507B	10/20/2009	15.13	12.11	3.02	11.61	3.52
MW-507S	10/20/2009	15.35	12.23	3.12	11.61	3.74
MW-507D	10/20/2009	15.18	12.12	3.06	11.51	3.67
MW-508B	10/20/2009	24.98	22.03	2.95	21.41	3.57
MW-508S	10/20/2009	24.44	21.48	2.96	20.81	3.63
MW-508D	10/20/2009	24.71	21.82	2.89	21.10	3.61
MW-509M	10/20/2009	9.39	6.61	2.78	5.59	3.80
MW-510M	10/20/2009	9.09	5.65	3.44	5.31	3.78
MW-512M	10/20/2009	10.61	6.84	3.77	6.36	4.25
MW-511M	10/20/2009	9.17	5.97	3.20	5.59	3.58
MW-513S	10/20/2009	12.50	9.42	3.08	8.54	3.96
MW-514S	10/20/2009	15.00	11.80	3.20	10.85	4.15
MW-514B	10/20/2009	15.29	12.39	2.90	11.55	3.74
MW-514D	10/20/2009	15.48	12.31	3.17	11.41	4.07
MW-515S	10/20/2009	9.28	11.64	-2.36	10.82	-1.54

Table 2-4
Groundwater Gauging and Water Table Elevation Data - 2003 and 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Monitoring Well	2009 Measurement Date	Top of Inner Casing Elevation[2] (ft)	Measured Depth to Groundwater 2009 (ft)	Groundwater Elevation 2009[2] (ft)	Measured Depth to Groundwater 2003 (ft)	Groundwater Elevation 2003[2] (ft)
MW-516M	10/20/2009	9.28	5.61	3.67	4.95	4.33
MW-517S	10/20/2009	20.63	17.21	3.42	16.26	4.37
MW-518S	10/20/2009	19.78	11.61	8.17	15.23	4.55
MW-519S	10/20/2009	16.27	12.66	3.61	11.58	4.69
MW-520S	10/20/2009	12.71	9.64	3.07	9.26	3.45
MW-521S	10/20/2009	12.10	8.24	3.86	6.56	5.54
MW-522S	10/20/2009	11.58	8.19	3.39	7.26	4.32
MW-523S	10/20/2009	16.13	13.10	3.03	12.48	3.65
MW-524B	10/20/2009	15.32	11.94	3.38	10.93	4.39
MW-525S	10/20/2009	22.39	19.31	3.08	18.99	3.40
MW-526S	10/20/2009	14.41	11.43	2.98	10.91	3.50
MW-527S	10/20/2009	16.71	13.28	3.43	12.29	4.42
MW-529S	10/20/2009	17.23	13.57	3.66	12.39	4.84
MW-532S	10/20/2009	10.78	7.95	2.83	7.93	2.85
MW-533B	10/20/2009	15.57	11.92	3.65	10.75	4.82
MW-533D	10/20/2009	15.16	11.68	3.48	10.38	4.78
MW-533S	10/20/2009	15.34	11.57	3.77	10.23	5.11
MW-534S	10/20/2009	18.37	15.35	3.02	15.01	3.36
MW-535S	10/20/2009	7.48	4.30	3.18	3.74	3.74
MW-DOT-1	10/20/2009	13.38	8.21	5.17	9.21	4.17
MW-DOT-2	10/20/2009	13.10	6.59	6.51	8.89	4.21
MW-DOT-3	10/20/2009	13.32	9.48	3.84	8.71	4.61
MW-DOT-4	10/20/2009	13.53	DRY	-	8.91	4.62
MW-DOT-5	10/20/2009	13.44	7.55	5.89	9.54	3.90
PZ-13	10/20/2009	20.28	15.61	4.67	12.77	7.51
PZ-14	10/20/2009	20.27	15.70	4.57	12.87	7.40
MW-1S	10/20/2009	16.33	13.34	2.99	11.26	5.07
MW-1M	10/20/2009	16.01	14.09	1.92	10.96	5.05
MW-BR-1	10/20/2009	19.49	15.04	4.45	12.56	6.93
MW-BR-2	10/20/2009	19.79	16.66	3.13	14.30	5.49
MW-6	10/20/2009	17.19	15.19	2.00	12.26	4.93
MW-7	10/20/2009	19.86	15.39	4.47	12.97	6.89
MW-8	10/20/2009	18.13	15.30	2.83	12.71	5.42
MW-9	10/20/2009	21.85	17.50	4.35	14.97	6.88
MW-PC01B	10/19/2009	18.79	15.45	3.34	13.61	5.18
MW-PC01D	10/19/2009	18.76	15.25	3.51	13.61	5.15
MW-PC01M	10/19/2009	18.69	14.80	3.79	13.54	5.15
MW-PC01S	10/19/2009	18.81	15.50	3.31	13.62	5.19
MW-PC02B	10/19/2009	15.20	12.20	3.00	10.59	4.61
MW-PC02D	10/19/2009	15.10	11.90	3.20	10.49	4.61
MW-PC02M	10/19/2009	15.15	11.50	3.65	10.31	4.84
MW-PC02S*	10/19/2009	15.07	11.80	4.08	10.46	4.61
MW-PC03B	10/19/2009	22.22	18.85	3.37	17.25	4.97
MW-PC03D	10/19/2009	22.22	18.85	3.37	17.16	5.06
MW-PC03S	10/19/2009	22.21	18.70	3.51	17.11	5.10
MW-PC04B	10/19/2009	13.88	10.55	3.33	8.86	5.02
MW-PC04D	10/19/2009	14.09	10.40	3.69	9.00	5.09
MW-PC04S	10/19/2009	14.08	10.40	3.68	9.01	5.07
MW-PC05B	10/19/2009	20.64	17.20	3.44	15.53	5.11

Table 2-4
Groundwater Gauging and Water Table Elevation Data - 2003 and 2009[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Monitoring Well	2009 Measurement Date	Top of Inner Casing Elevation[2] (ft)	Measured Depth to Groundwater 2009 (ft)	Groundwater Elevation 2009[2] (ft)	Measured Depth to Groundwater 2003 (ft)	Groundwater Elevation 2003[2] (ft)
MW-PC05D	10/19/2009	20.60	17.20	3.40	15.49	5.11
MW-PC05M	10/19/2009	20.63	17.20	3.43	15.76	4.87
MW-PC05S	10/19/2009	20.49	16.85	3.64	15.31	5.18
MW-PC06B*	10/19/2009	17.41	14.50	3.86	12.21	5.20
MW-PC06D*	10/19/2009	17.52	13.76	3.76	12.43	5.09
MW-PC06M*	10/19/2009	17.48	13.67	3.81	12.37	5.11
MW-PC06S*	10/19/2009	17.43	13.49	3.94	12.22	5.21
MW-PC07S	10/19/2009	22.60	18.90	3.70	17.49	5.11
MW-PC08B	10/19/2009	19.22	16.00	3.22	14.39	4.83
MW-PC08D	10/19/2009	19.31	16.00	3.31	14.40	4.91
MW-PC08S	10/19/2009	19.22	15.90	3.32	14.30	4.92
MW-PC09D*	10/19/2009	19.41	16.50	3.60	14.70	4.71
MW-PC09S*	10/19/2009	19.49	16.70	3.28	15.19	4.30
MW-PC10B	10/19/2009	20.73	16.95	3.78	14.56	6.17
MW-PC10D	10/19/2009	20.73	17.00	3.73	14.69	6.04
MW-PC10M	10/19/2009	20.71	16.95	3.76	14.70	6.01
MW-PC10S	10/19/2009	20.72	16.95	3.77	14.68	6.04
MW-PC11B	10/19/2009	22.51	NG	--	0.21	22.30
MW-PC11D	10/19/2009	22.41	18.70	3.71	17.21	5.20
MW-PC11M	10/19/2009	22.46	NG	--	17.10	5.36
MW-PC11S	10/19/2009	22.43	NG	--	17.38	5.05
MW-PC12B	10/19/2009	21.72	18.40	3.32	17.21	4.51
MW-PC12D	10/19/2009	21.78	18.30	3.48	16.99	4.79
MW-PC12S	10/19/2009	21.72	18.45	3.27	16.85	4.87
MW-PC13B*	10/19/2009	19.21	15.40	4.48	12.73	6.48
MW-PC13D*	10/19/2009	19.13	15.50	4.30	12.60	6.53
MW-PC13M*	10/19/2009	19.28	15.90	3.38	12.73	6.55
MW-PC13S	10/19/2009	19.30	15.95	3.35	12.74	6.56
MW-PC14B	10/19/2009	24.84	20.00	4.84	19.01	5.83
MW-PC14D	10/19/2009	24.55	20.40	4.15	18.60	5.95
MW-PC14S	10/19/2009	24.64	20.45	4.19	18.41	6.23
MW-PC15B	10/19/2009	23.74	19.90	3.84	17.94	5.80
MW-PC15D	10/19/2009	23.71	19.40	4.31	17.39	6.32
MW-PC15S	10/19/2009	23.64	17.90	5.74	17.30	6.34
MW-PC16B	10/19/2009	27.20	22.45	4.75	20.29	6.91
MW-PC16D	10/19/2009	27.20	22.55	4.65	20.31	6.89
MW-PC16M	10/19/2009	27.24	21.95	5.29	20.21	7.03
MW-PC16S	10/19/2009	27.17	22.25	4.92	20.20	6.97

Notes:
1. Water level measurements presented on this table and used for evaluation of groundwater flow were taken during synoptic measurement events on April 15, 2003 and October 19 and 20, 2009. This table include wells from the OU2 study area, on and off of the former Raymark
2. Elevation = feet NGVD 1929.
3. (2) Locations MW-202D and MW-202S were lost due to construction activities during the October 2009 event.
4. (8) Locations could not be gauged due to access issues during the October 2009 event; MW-113B, MW-307DB, MW-402B, MW-402S, MW-530S, MW-535D, CRA-7S/SB-11, and MW-Z.
5. (4) Locations multiple identification; CRA-2S/SB-2, CRA-2D/SB-2, CRA-6S/SB-9A, CRA-6D/SB-9, and CRA-8/SB-13.
6. NG = Not Gauged
7. * = Indicated Post Closure (PC) wells were resurveyed in January 2002. Top of inner casing elevation displayed from 2005 Remedial Investigation Report.

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Volatile Organic Compounds (µg/L)										
1,1,1-Trichloroethane	7.4E+02	NC	62000	10 U	10 U	10 U	--	--	5 UJ	--
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	10 U	10 U	10 U	--	--	5 UJ	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--
1,1,2-Trichloroethane	6.2E-01	NC	1260	10 U	10 U	10 U	--	--	5 UJ	--
1,1-Dichloroethane	6.6E+00	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
1,1-Dichloroethene	2.0E+01	NC	96	0.9 U	0.9 UJ	0.9 UJ	--	--	5 UJ	--
1,2,3-Trichlorobenzene	NA		NA	NA	NA	NA	--	--	5 UJ	--
1,2,4-Trichlorobenzene	3.6E+00	NC	NA	10 UJ	10 U	10 U	--	--	5 UJ	--
1,2-Dibromo-3-Chloropropane	2.7E-02	C	NA	10 U	10 UJ	10 UJ	--	--	5 UJ	--
1,2-Dibromoethane	1.5E-01	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
1,2-Dichlorobenzene	NA	NC	170000	10 U	10 U	10 U	--	--	5 UJ	--
1,2-Dichloroethane	1.9E+00	C	2970	10 U	10 U	10 U	--	--	5 UJ	--
1,2-Dichloropropane	2.1E+00	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
1,3-Dichlorobenzene	NA		26000	10 U	10 U	10 U	--	--	5 UJ	--
1,4-Dichlorobenzene	2.2E+00	C	26000	10 U	10 U	10 U	--	--	5 UJ	--
1,4-Dioxane	NA		NA	100 UJ	100 UJ	100 UJ	--	--	-- R	--
2-Butanone	NA		NA	10 U	10 U	10 U	--	--	10 UJ	--
2-Hexanone	8.2E+02	NC	NA	10 UJ	10 U	10 U	--	--	10 UJ	--
4-Methyl-2-Pentanone	NA		NA	10 U	10 U	10 U	--	--	10 UJ	--
Acetone	NA		NA	10 U	10 U	10 U	--	--	10 UJ	--
Benzene	1.4E+00	C	710	10 U	10 U	10 U	--	--	5 UJ	--
Bromochloromethane	7.0E+01	NC	NA	NA	NA	NA	--	--	5 UJ	--
Bromodichloromethane	7.6E-01	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
Bromoform	NA		10800	10 U	10 U	10 U	--	--	5 UJ	--

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Volatile Organic Compounds (µg/L) (cont.)										
Bromomethane	1.7E+00	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--
Carbon Disulfide	1.2E+02	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--
Carbon Tetrachloride	3.6E-01	C	132	10 U	10 U	10 U	--	--	5 UJ	--
Chlorobenzene	4.1E+01	NC	420000	10 U	10 U	10 U	--	--	5 UJ	--
Chloroethane	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Chloroform	7.1E-01	C	14100	10 U	10 U	10 U	--	--	5 UJ	--
Chloromethane	2.6E+01	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--
Cis-1,2-Dichloroethene	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Cis-1,3-Dichloropropene	4.2E+00	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
Cyclohexane	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Dibromochloromethane	2.8E+00	C	1020	10 U	10 U	10 U	--	--	5 UJ	--
Dichlorodifluoromethane	7.4E-01	NC	NA	10 U	10 UJ	10 UJ	--	--	5 UJ	--
Ethylbenzene	3.0E+00	C	580000	10 U	10 U	10 U	--	--	5 UJ	--
Isopropylbenzene	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
M,P-Xylene	3.6E+01	NC	NA	NA	NA	NA	--	--	5 UJ	--
Methyl Acetate	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Methyl Tert-Butyl Ether	3.9E+02	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
Methylcyclohexane	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Methylene Chloride	3.9E+01	C	48000	10 U	10 U	10 U	--	--	5 UJ	--
O-Xylene	4.9E+01	NC	NA	NA	NA	NA	--	--	5 UJ	--
Styrene	NA		NA	10 U	10 U	10 U	--	--	5 UJ	--
Tetrachloroethene	5.8E+00	NC	88	10 U	10 U	10 U	--	--	5 UJ	--
Toluene	NA		4000000	10 U	10 U	10 U	--	--	5 UJ	--
Trans-1,2-Dichloroethene	3.8E+01	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Trace Volatile Organic Compounds (µg/L)										
Trans-1,3-Dichloropropene	4.2E+00	C	NA	10 U	10 U	10 U	--	--	5 UJ	--
Trichloroethene	5.2E-01	NC	2340	10 U	10 U	10 U	--	--	5 UJ	--
Trichlorofluoromethane	1.8E+01	NC	NA	10 U	10 U	10 U	--	--	5 UJ	--
Vinyl Chloride	1.4E-01	C	15750	1 U	1 U	1 U	--	--	5 UJ	--
1,1,1-Trichloroethane	7.4E+02	NC	62000	--	--	--	0.5 U	--	--	0.5 U
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	--	--	--	0.5 U	--	--	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC	NA	--	--	--	0.5 U	--	--	0.5 U
1,1,2-Trichloroethane	6.2E-01	NC	1260	--	--	--	0.5 U	--	--	0.5 U
1,1-Dichloroethane	6.6E+00	C	NA	--	--	--	0.5 U	--	--	0.5 U
1,1-Dichloroethene	2.0E+01	NC	96	--	--	--	0.5 U	--	--	0.5 U
1,2,3-Trichlorobenzene	NA		NA	--	--	--	0.5 U	--	--	0.5 U
1,2,4-Trichlorobenzene	3.60E+00	NC	NA	--	--	--	0.5 U	--	--	0.5 U
1,2-Dibromo-3-Chloropropane	2.70E-02	C	NA	--	--	--	0.5 U	--	--	0.5 U
1,2-Dibromoethane	1.50E-01	C	NA	--	--	--	0.5 U	--	--	0.5 U
1,2-Dichlorobenzene	NA		170000	--	--	--	0.5 U	--	--	0.5 U
1,2-Dichloroethane	1.9E+00	C	2970	--	--	--	0.5 U	--	--	0.5 U
1,2-Dichloropropane	2.1E+00	C	NA	--	--	--	0.5 U	--	--	0.5 U
1,3-Dichlorobenzene	NA		26000	--	--	--	0.5 U	--	--	0.5 U
1,4-Dichlorobenzene	2.2E+00	C	26000	--	--	--	0.5 U	--	--	0.5 U
2-Butanone	NA		NA	--	--	--	5 U	--	--	5 U
2-Hexanone	8.2E+02	NC	NA	--	--	--	5 U	--	--	5 U
4-Methyl-2-Pentanone	NA		NA	--	--	--	5 U	--	--	5 U
Acetone	NA		NA	--	--	--	5 U	--	--	5 U
Benzene	1.4E+00	C	710	--	--	--	0.5 U	--	--	0.5 U
Bromochloromethane	7.0E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Trace Volatile Organic Compounds (µg/L) (cont.)										
Bromodichloromethane	7.6E-01	C	NA	--	--	--	0.5 U	--	--	0.5 U
Bromoform	1.0E+02	C	10800	--	--	--	0.5 U	--	--	0.5 U
Bromomethane	1.7E+00	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Carbon Disulfide	1.2E+02	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Carbon Tetrachloride	3.6E-01	C	132	--	--	--	0.5 U	--	--	0.5 U
Chlorobenzene	4.1E+01	NC	420000	--	--	--	0.5 U	--	--	0.5 U
Chloroethane	2.2E+03	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Chloroform	7.1E-01	C	14100	--	--	--	0.5 U	--	--	0.5 U
Chloromethane	2.6E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Cis-1,2-Dichloroethene	NA		NA	--	--	--	0.5 U	--	--	0.5 U
Cis-1,3-Dichloropropene	4.2E+00	C	NA	--	--	--	0.5 U	--	--	0.5 U
Cyclohexane	NA		NA	--	--	--	0.5 U	--	--	0.5 U
Dibromochloromethane	2.8E+00	C	1020	--	--	--	0.5 U	--	--	0.5 U
Dichlorodifluoromethane	7.4E-01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Ethylbenzene	3.0E+00	C	580000	--	--	--	0.5 U	--	--	0.5 U
Isopropylbenzene	NA		NA	--	--	--	0.5 U	--	--	0.5 U
M,P-Xylene	3.6E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Methyl Acetate	NA		NA	--	--	--	0.5 U	--	--	0.5 U
Methyl Tert-Butyl Ether	3.9E+02	C	NA	--	--	--	0.5 U	--	--	0.5 U
Methylcyclohexane	NA		NA	--	--	--	0.5 U	--	--	0.5 U
Methylene Chloride	3.9E+01	C	48000	--	--	--	0.5 U	--	--	0.5 U
O-Xylene	4.9E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Styrene	NA		NA	--	--	--	0.5 U	--	--	0.5 U
Tetrachloroethene	5.8E+00	NC	88	--	--	--	0.5 U	--	--	0.5 U
Toluene	NA		4000000	--	--	--	0.5 U	--	--	0.5 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Trace Volatile Organic Compounds (µg/L) (cont.)										
Trans-1,2-Dichloroethene	3.8E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Trans-1,3-Dichloropropene	4.2E+00	C	NA	--	--	--	0.5 U	--	--	0.5 U
Trichloroethene	5.2E-01	NC	2340	--	--	--	0.5 U	--	--	0.5 U
Trichlorofluoromethane	1.8E+01	NC	NA	--	--	--	0.5 U	--	--	0.5 U
Vinyl Chloride	1.4E-01	C	15750	--	--	--	0.5 U	--	--	0.5 U
CLP Semivolatile Organic Compounds (µg/L)										
1,1'-Biphenyl	NA		NA	10 U	10 UJ	10 UJ	5 U	--	5 U	5 U
1,2,4,5-Tetrachlorobenzene	NA		NA	NA	NA	NA	5 U	--	5 U	5 U
2,2'-Oxybis(1-Chloropropane)	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2,3,4,6-Tetrachlorophenol	NA		NA	NA	NA	NA	5 U	--	5 U	5 U
2,4,5-Trichlorophenol	NA		NA	25 U	25 U	25 U	5 U	--	5 U	5 U
2,4,6-Trichlorophenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2,4-Dichlorophenol	NA		15800	10 U	10 U	10 U	5 U	--	5 U	5 U
2,4-Dimethylphenol	NA		NA	10 U	10 U	10 U	5 U	--	5 UJ	5 U
2,4-Dinitrophenol	NA		NA	25 U	25 U	25 U	10 U	--	10 U	10 U
2,4-Dinitrotoluene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2,6-Dinitrotoluene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2-Chloronaphthalene	NA		NA	10 U	10 UJ	10 UJ	5 U	--	5 U	5 U
2-Chlorophenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2-Methylnaphthalene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2-Methylphenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
2-Nitroaniline	NA		NA	25 U	25 U	25 U	-- R	--	10 U	10 UJ
2-Nitrophenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
3,3'-Dichlorobenzidine	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
3-Nitroaniline	NA		NA	25 U	25 U	25 U	10 U	--	10 U	10 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
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Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Semivolatile Organic Compounds (µg/L) (cont.)										
4,6-Dinitro-2-Methylphenol	NA		NA	25 U	25 U	25 U	10 U	--	10 U	10 U
4-Bromophenyl-Phenylether	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
4-Chloro-3-Methylphenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
4-Chloroaniline	NA		NA	10 UJ	10 UJ	10 UJ	5 U	--	5 U	5 U
4-Chlorophenyl-Phenylether	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
4-Methylphenol	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
4-Nitroaniline	NA		NA	25 U	25 U	25 U	10 U	--	10 U	10 U
4-Nitrophenol	NA		NA	25 U	25 UJ	25 UJ	10 U	--	10 U	10 U
Acenaphthene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Acenaphthylene	NA		0.3	10 U	10 U	10 U	5 U	--	5 U	5 U
Acetophenone	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Anthracene	NA		1100000	10 U	10 U	10 U	5 U	--	5 U	5 U
Atrazine	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Benzaldehyde	NA		NA	10 UJ	10 U	10 U	5 U	--	5 U	5 U
Benzo(A)Anthracene	NA		0.3	10 U	10 U	10 U	5 U	--	5 U	5 U
Benzo(A)Pyrene	NA		0.3	10 U	10 U	10 U	5 U	--	5 U	5 U
Benzo(B)Fluoranthene	NA		0.3	10 U	10 U	10 U	5 U	--	5 U	5 U
Benzo(G,H,I)Perylene	NA		NA	10 UJ	10 U	10 U	5 U	--	5 U	5 U
Benzo(K)Fluoranthene	NA		0.3	10 U	10 U	10 U	5 U	--	5 U	5 U
Bis(2-Chloroethoxy)Methane	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Bis(2-Chloroethyl)Ether	NA		42	10 U	10 U	10 U	5 U	--	5 U	5 U
Bis(2-Ethylhexyl)Phthalate	NA		59	10 U	10 U	10 U	5 U	--	5 U	5 U
Butylbenzylphthalate	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Caprolactam	NA		NA	10 U	10 U	10 U	6.2	--	5 U	12
Carbazole	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Semivolatile Organic Compounds (µg/L) (cont.)										
Chrysene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Dibenz(A,H)Anthracene	NA		NA	10 UJ	10 U	10 U	5 U	--	5 U	5 U
Dibenzofuran	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Diethylphthalate	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Dimethylphthalate	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Di-N-Butyl Phthalate	NA		120000	10 U	10 U	10 U	5 U	--	5 U	5 U
Di-N-Octyl Phthalate	NA		NA	10 UJ	10 U	10 U	5 U	--	5 U	5 U
Fluoranthene	NA		3700	10 U	10 U	10 U	5 U	--	5 U	5 U
Fluorene	NA		140000	10 U	10 U	10 U	5 U	--	5 U	5 U
Hexachlorobenzene	NA		0.077	10 U	10 U	10 U	5 U	--	5 U	5 U
Hexachlorobutadiene	NA		NA	10 U	10 UJ	10 UJ	5 U	--	5 U	5 U
Hexachlorocyclopentadiene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Hexachloroethane	NA		89	10 U	10 U	10 U	5 U	--	5 U	5 U
Indeno(1,2,3-CD)Pyrene	NA		NA	10 UJ	10 U	10 U	5 U	--	5 U	5 U
Isophorone	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Naphthalene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
Nitrobenzene	NA		NA	10 U	10 U	10 U	5 U	--	5 U	5 U
N-Nitroso-Di-N-Propylamine	NA		NA	10 U	10 UJ	10 UJ	5 U	--	5 U	5 U
N-Nitrosodiphenylamine	NA		NA	10 U	10 U	10 U	-- R	--	5 U	5 UJ
Pentachlorophenol	NA		NA	25 U	25 U	25 U	10 U	--	10 U	10 UJ
Phenanthrene	NA		0.077	10 U	10 U	10 U	5 U	--	5 U	5 U
Phenol	NA		92000000	10 U	10 U	10 U	5 U	--	5 U	5 U
Pyrene	NA		110000	10 U	10 U	10 U	5 U	--	5 U	5 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)										
2-Methylnaphthalene	NA		NA	10 U	10 U	10 U	0.1 U	--	0.11 J	0.1 U
Acenaphthene	NA		NA	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Acenaphthylene	NA		0.3	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Anthracene	NA		1100000	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Benzo(A)Anthracene	NA		0.3	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Benzo(A)Pyrene	NA		0.3	10 U	10 U	10 U	0.1 U	--	0.1 U	-- R
Benzo(B)Fluoranthene	NA		0.3	10 U	10 U	10 U	0.1 U	--	0.1 UJ	0.1 U
Benzo(G,H,I)Perylene	NA		NA	10 UJ	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Benzo(K)Fluoranthene	NA		0.3	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Chrysene	NA		NA	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Dibenz(A,H)Anthracene	NA		NA	10 UJ	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Fluoranthene	NA		3700	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Fluorene	NA		140000	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Indeno(1,2,3-CD)Pyrene	NA		NA	10 UJ	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Naphthalene	NA		NA	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Pentachlorophenol	NA		NA	25 U	25 U	25 U	-- R	--	-- R	-- R
Phenanthrene	NA		0.077	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
Pyrene	NA		110000	10 U	10 U	10 U	0.1 U	--	0.1 U	0.1 U
CLP Pesticides (µg/L)										
4,4'-DDD	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
4,4'-DDE	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
4,4'-DDT	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
Aldrin	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Alpha-BHC	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Alpha-Chlordane	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP Pesticides (µg/L) (cont.)										
Beta-BHC	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Delta-BHC	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Dieldrin	NA		0.1	0.05 U	0.05 U	0.05 U	0.1 U	--	0.1 U	0.1 U
Endosulfan I	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.033 J
Endosulfan II	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
Endosulfan Sulfate	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
Endrin	NA		0.1	0.05 U	0.05 U	0.05 U	0.1 U	--	0.1 U	0.1 U
Endrin Aldehyde	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
Endrin Ketone	NA		NA	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U
Gamma-BHC (Lindane)	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Gamma-Chlordane	NA		NA	0.05 U	0.05 U	0.05 U	0.05 U	--	0.05 U	0.05 U
Heptachlor	NA		0.05	0.02 U	0.02 U	0.02 U	0.05 U	--	0.05 U	0.05 U
Heptachlor Epoxide	NA		0.05	0.02 U	0.02 U	0.02 U	0.05 U	--	0.05 U	0.05 U
Methoxychlor	NA		NA	0.5 U	0.5 U	0.5 U	0.5 U	--	0.5 U	0.5 U
Toxaphene	NA		1	5 U	5 U	5 U	5 U	--	5 U	5 U
CLP Polychlorinated Biphenyl (PCB) Aroclors (µg/L)										
AROCLOR 1016	NA		NA	1 U	1 U	1 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1221	NA		NA	0.25 U	0.25 U	0.25 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1232	NA		NA	1 U	1 U	1 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1242	NA		NA	1 U	1 U	1 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1248	NA		NA	1 U	1 U	1 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1254	NA		NA	0.25 U	0.25 U	0.25 U	0.5 U	--	0.5 U	0.5 U
AROCLOR 1260	NA		NA	0.25 U	0.25 U	0.25 U	0.5 U	--	0.5 U	0.5 U
Aroclor 1262	NA		NA	0.28 U	0.28 U	0.28 U	0.5 U	--	0.5 U	0.5 U
Aroclor 1268	NA		NA	1 U	1 U	1 U	0.5 U	--	0.5 U	0.5 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
CLP TAL Total Metals (µg/L)										
ALUMINUM	NA			29.5 UJ	78.5 U	86.9 U	15.6 J	--	34.8 J	22 J
ANTIMONY	NA		86000	1.8 UJ	3.5 U	3.5 U	60 UJ	--	60 U	60 UJ
ARSENIC	NA		4	3.6 UJ	2.9 U	3.5 UJ	1 U	--	1 U	1 U
BARIUM	NA			59 J	22.9	8.7	68.5 J	--	26.1 J	200 UJ
BERYLLIUM	NA		4	0.2 UJ	0.22 U	0.24 U	5 UJ	--	5 U	5 UJ
CADMIUM	NA		6	0.33 UJ	0.4 U	0.4 U	5 UJ	--	5 U	5 UJ
CALCIUM	NA			27700 J	18800	7920	22911	--	22500	24600
CHROMIUM	NA		1200	1.6 UJ	0.9 U	0.9 U	10 U	--	5 J	10 U
COBALT	NA			0.9 UJ	1 U	1 U	50 U	--	50 UJ	50 U
COPPER	NA		48	1.9 J	1.3 UJ	1.3 UJ	25 UJ	--	25 U	25 UJ
CYANIDE	NA		52	10 UJ	NA	NA	10 UJ	--	10 UJ	10 UJ
IRON	NA			15 UJ	18.1 U	18.1 U	36.4 J	--	250	100 UJ
LEAD	NA		13	1.3 UJ	2.3 U	2.3 U	10 UJ	--	10 U	10 UJ
MAGNESIUM	NA			6970 J	6840	1610	5069	--	8550	6093
MANGANESE	NA			949 J	53.8	44.3	174	--	3.1 J	59.2
MERCURY	NA		0.4	0.1 U	0.2 U	0.2 U	0.2 U	--	0.2 U	0.2 U
NICKEL	NA		880	1.9 J	5.1 U	3.4 U	40 UJ	--	40 U	40 UJ
POTASSIUM	NA			5030	3030	1200 J	6923 J	--	2930 J	5000 U
SELENIUM	NA		50	2.1 UJ	3 UJ	3 UJ	35 U	--	35 U	35 U
SILVER	NA		12	0.8 UJ	1.1 UJ	1.1 U	10 U	--	10 U	10 U
SODIUM	NA			68900 J	22500	19800	46676 J	--	34500	20360 J
THALLIUM	NA		63	3.8 UJ	3.1 U	4.5 UJ	25 U	--	25 U	25 U
VANADIUM	NA			0.7 UJ	2.8 U	3.8 U	50 U	--	50 U	50 U
ZINC	NA		123	0.6 UJ	12.2 U	13.1 U	60 U	--	21.4 J	60 U

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
Dioxins and Furans (pg/L)										
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	NA		NA	2.9 U	37.5 U	31.4 UJ	1.39 U	1.09 U	--	6.74 U
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	NA		NA	9.8 EMPC	27.6 J	2.6 UJ	13.3 U	13.6 U	--	12 U
1,2,3,4,6,7,8-Heptachlorodibenzofuran	NA		NA	1.3 U	2.9 U	4.2 U	0.703 U	0.856 U	--	2.13 U
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	NA		NA	2.6 U	6.1 U	5.3 J	1.25 U	1.12 U	--	2.07 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	NA		NA	1.7 U	3.8 U	5 EMPC	1.51 U	1.67 U	--	8.75 U
1,2,3,4,7,8-Hexachlorodibenzofuran	NA		NA	3.1 JB	2.1 UEMPC	4.9 UEMPC	0.678 U	0.763 U	--	2.31 U
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	NA		NA	3 J	3.3 U	4.7 J	1.01 U	0.615 U	--	1.39 U
1,2,3,6,7,8-Hexachlorodibenzofuran	NA		NA	3.2 JB	1.6 J	5.6 J	0.54 U	0.576 U	--	1.07 UJ
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	NA		NA	1.8 U	3.3 U	4.4 EMPC	0.717 U	0.695 U	--	1.5 UJ
1,2,3,7,8,9-Hexachlorodibenzofuran	NA		NA	3.6 EMPC	2.4 U	7 J	0.482 U	0.596 U	--	1.7 U
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	NA		NA	3.9 JB	3.5 U	4.3 EMPC	0.716 U	0.745 U	--	1.38 UJ
1,2,3,7,8-Pentachlorodibenzofuran	NA		NA	1.6 U	2 U	8.6 EMPC	0.742 U	1.06 U	--	2.65 U
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	NA		NA	5.1 EMPC	3 U	6.6 J	0.624 U	0.7 U	--	1.32 U
2,3,4,6,7,8-Hexachlorodibenzofuran	NA		NA	2.6 JB	1.7 U	4.7 J	0.468 U	0.463 U	--	1.05 U
2,3,4,7,8-Pentachlorodibenzofuran	NA		NA	2.8 EMPC	2.1 U	4.7 J	0.453 U	0.484 U	--	1.07 U
2,3,7,8-Tetrachlorodibenzofuran	NA		NA	3 U	2.1 U	2.3 EMPC	0.918 U	0.992 U	--	1.63 U
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	NA		NA	3.9 U	3 U	2.9 UEMPC	0.898 U	1.16 U	--	1.65 U
Dioxin/Furan - Toxic Equivalent	NA		NA	NA	NA	NA	0 UJ	0 UJ	--	0 UJ
Heptachlorodibenzofuran (total)	NA		NA	1.5 U	3.3 UJ	9.2 UEMPC	0.703 UJ	0.856 UJ	--	2.13 UJ
Heptachlorodibenzo-p-dioxin (total)	NA		NA	2.6 U	6.1 UJ	5.3 J	2.99 UJ	2.3 UJ	--	2.07 UJ
Hexachlorodibenzofuran (total)	NA		NA	12.5 EMPC	3.8 UEMPC	17.3 UJ	0.468 UJ	0.463 UJ	--	1.05 UJ
Hexachlorodibenzo-p-dioxin (total)	NA		NA	23.5 EMPC	3.4 UJ	13.5 UEMPC	0.716 UJ	0.615 UJ	--	1.38 UJ
Pentachlorodibenzofuran (total)	NA		NA	2.8 EMPC	2 UJ	13.3 EMPC	0.453 UJ	0.484 UJ	--	1.07 UJ
Pentachlorodibenzo-p-dioxin (total)	NA		NA	5.1 EMPC	3 UJ	6.6 UJ	0.624 UJ	0.7 UJ	--	1.32 UJ
Tetrachlorodibenzo(p)dioxin (total)	NA		NA	3.9 U	3 UJ	2.9 UEMPC	0.898 UJ	1.16 UJ	--	1.65 UJ
Tetrachlorodibenzofuran (total)	NA		NA	3 U	2.1 UJ	2.3 UEMPC	0.918 UJ	0.992 UJ	--	1.63 UJ

Table 4-1
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Overburden Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-309S	MW-501D	MW-501S	MW-309S	MW-309S	MW-501D	MW-501S
			Station ID	OU2-MW-309S-07	OU2-MW-501D-07	OU2-MW-501S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-501D	OU2-MW-501S
			Date Sampled	1/23/2003	12/13/2002	12/13/2002	11/11/2009	11/11/2009	10/30/2009	11/12/2009
			Sample Type				N	FD	N	N
			AQUIFER/Parent Sample	Upgradient Overburden	Upgradient Overburden	Upgradient Overburden	Upgradient Shallow	Upgradient Shallow	Upgradient Deep	Upgradient Shallow
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**							
Wet Chemistry Data (mg/L)										
Alkalinity	NA		NA	86 J	26	18	24	--	24	24
Carbon Dioxide, Free	NA		NA	NA	NA	NA	22	--	16	32
Chloride	NA		NA	90.2	54.4	10	80	--	83	48
Nitrate (as Nitrogen)	NA		NA	2.88	3.6	0.065	4.1 J	--	4.3	5.3
Wet Chemistry Data (mg/L) (cont.)										
Nitrite (as Nitrogen)	NA		NA	0.05 U	0.05 UJ	0.05 UJ	0.01 U	--	0.01 U	0.01 U
Sulfate	NA		NA	42.3	29.1	52.1	22	--	23	23
Sulfide	NA		NA	NA R	R	R	0.5 UJ	--	1.2 J	0.5 U
TOC Result 1	NA		NA	NA	NA	NA	1.2 J	--	1 U	2.2
TOC Result 2	NA		NA	NA	NA	NA	1 U	--	1 U	1.9
TOC Result 3	NA		NA	NA	NA	NA	1 U	--	1 U	1.8
TOC Result 4	NA		NA	NA	NA	NA	1 U	--	1 U	1.7
Total Organic Carbon	NA		NA	3.61	2 UJ	3.15 J	1 U	--	1 U	1.9
Methane, Ethane, Ethene (MEE) (µg/L)										
Ethane	NA		NA	10 U	10 U	10 U	1.5 U	--	1.5 U	1.5 U
Ethylene	NA		NA	10 U	10 U	10 U	1.5 U	--	1.5 U	1.5 U
Methane	NA		NA	100	5 U	5 U	0.31 J	--	1 U	1 U

Notes:

[1] 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.

B = Compound also detected in a quality control blank sample.

J = Quantitation approximate.

EMPC = Estimated Maximum Potential Concentration.

* = From dilution analysis or Estimated Maximum Possible Concentration

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Volatile Organic Compounds (µg/L)					
1,1,1-Trichloroethane	7.4E+02	NC	62000	10 U	--
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	10 U	--
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC	NA	10 U	--
1,1,2-Trichloroethane	6.2E-01	NC	1260	10 U	--
1,1-Dichloroethane	6.6E+00	C	NA	10 U	--
1,1-Dichloroethene	2.0E+01	NC	96	0.9 U	--
1,2,3-Trichlorobenzene	NA		NA	NA	--
1,2,4-Trichlorobenzene	3.6E+00	NC	NA	10 U	--
1,2-Dibromo-3-Chloropropane	2.7E-02	C	NA	10 UJ	--
1,2-Dibromoethane	1.5E-01	C	NA	10 U	--
1,2-Dichlorobenzene	NA		170000	10 U	--
1,2-Dichloroethane	1.90E+00	C	2970	10 U	--
1,2-Dichloropropane	2.10E+00	C	NA	10 U	--
1,3-Dichlorobenzene	NA		26000	10 U	--
1,4-Dichlorobenzene	2.2E+00	C	26000	10 U	--
1,4-Dioxane	NA		NA	100 UJ	--
2-Butanone	NA		NA	10 U	--
2-Hexanone	8.2E+02	NC	NA	10 U	--
4-Methyl-2-Pentanone	NA		NA	10 U	--
Acetone	NA		NA	13 J	--
Benzene	1.4E+00	C	710	10 U	--
Bromochloromethane	7.0E+01	NC	NA	NA	--
Bromodichloromethane	7.6E-01	C	NA	10 U	--
Bromoform	NA		10800	10 U	--
Bromomethane	1.7E+00	NC	NA	10 U	--
Carbon Disulfide	1.2E+02	NC	NA	10 U	--
Carbon Tetrachloride	3.6E-01	C	132	10 U	--
Chlorobenzene	4.1E+01	NC	420000	10 U	--
Chloroethane	NA		NA	10 U	--
Chloroform	7.1E-01	C	14100	10 U	--
Chloromethane	2.6E+01	NC	NA	10 U	--
Cis-1,2-Dichloroethene	NA		NA	10 U	--
Cis-1,3-Dichloropropene	4.2E+00	C	NA	10 U	--
Cyclohexane	NA		NA	10 U	--
Dibromochloromethane	2.8E+00	C	1020	10 U	--
Dichlorodifluoromethane	7.4E-01	NC	NA	10 UJ	--
Ethylbenzene	3.0E+00	C	580000	10 U	--
Isopropylbenzene	NA		NA	10 U	--
M,P-Xylene	3.6E+01	NC	NA	NA	--
Methyl Acetate	NA		NA	10 U	--

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Volatile Organic Compounds (µg/L) (cont.)					
Methyl Tert-Butyl Ether	3.9E+02	C	NA	10 U	--
Methylcyclohexane	NA		NA	10 U	--
Methylene Chloride	3.9E+01	C	48000	10 U	--
O-Xylene	4.9E+01	NC	NA	NA	--
Styrene	NA		NA	10 U	--
Tetrachloroethene	5.8E+00	NC	88	10 U	--
Toluene	NA		4000000	10 U	--
Trans-1,2-Dichloroethene	3.8E+01	NC	NA	10 U	--
Trans-1,3-Dichloropropene	4.2E+00	C	NA	10 U	--
Trichloroethene	5.2E-01	NC	2340	10 U	--
Trichlorofluoromethane	1.8E+01	NC	NA	10 U	--
Vinyl Chloride	1.4E-01	C	15750	1 U	--
CLP Trace Volatile Organic Compounds (µg/L)					
1,1,1-Trichloroethane	7.4E+02	NC	62000	--	0.5 U
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	--	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC	NA	--	0.5 U
1,1,2-Trichloroethane	6.2E-01	NC	1260	--	0.5 U
1,1-Dichloroethane	6.6E+00	C	NA	--	0.5 U
1,1-Dichloroethene	2.0E+01	NC	96	--	0.5 U
1,2,3-Trichlorobenzene	NA		NA	--	0.5 U
1,2,4-Trichlorobenzene	3.60E+00	NC	NA	--	0.5 U
1,2-Dibromo-3-Chloropropane	2.70E-02	C	NA	--	0.5 U
1,2-Dibromoethane	1.50E-01	C	NA	--	0.5 U
1,2-Dichlorobenzene	NA		170000	--	0.5 U
1,2-Dichloroethane	1.9E+00	C	2970	--	0.5 U
1,2-Dichloropropane	2.1E+00	C	NA	--	0.5 U
1,3-Dichlorobenzene	NA		26000	--	0.5 U
1,4-Dichlorobenzene	2.2E+00	C	26000	--	0.5 U
2-Butanone	NA		NA	--	5 U
2-Hexanone	8.2E+02	NC	NA	--	5 U
4-Methyl-2-Pentanone	NA		NA	--	5 U
Acetone	NA		NA	--	5 U
Benzene	1.4E+00	C	710	--	0.5 U
Bromochloromethane	7.0E+01	NC	NA	--	0.5 U
Bromodichloromethane	7.6E-01	C	NA	--	0.5 U
Bromoform	1.0E+02	C	10800	--	0.5 U
Bromomethane	1.7E+00	NC	NA	--	0.5 U
Carbon Disulfide	1.2E+02	NC	NA	--	0.5 U
Carbon Tetrachloride	3.6E-01	C	132	--	0.5 U
Chlorobenzene	4.1E+01	NC	420000	--	0.5 U

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
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Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Trace Volatile Organic Compounds (µg/L) (cont.)					
Chloroethane	2.2E+03	NC	NA	--	0.5 U
Chloroform	7.1E-01	C	14100	--	0.5 U
Chloromethane	2.6E+01	NC	NA	--	0.5 U
Cis-1,2-Dichloroethene	NA		NA	--	0.5 U
Cis-1,3-Dichloropropene	4.2E+00	C	NA	--	0.5 U
Cyclohexane	NA		NA	--	0.5 U
Dibromochloromethane	2.8E+00	C	1020	--	0.5 U
Dichlorodifluoromethane	7.4E-01	NC	NA	--	0.5 U
Ethylbenzene	3.0E+00	C	580000	--	0.5 U
Isopropylbenzene	NA		NA	--	0.5 U
M,P-Xylene	3.6E+01	NC	NA	--	0.5 U
Methyl Acetate	NA		NA	--	-- R
Methyl Tert-Butyl Ether	3.9E+02	C	NA	--	0.5 U
Methylcyclohexane	NA		NA	--	0.5 U
Methylene Chloride	3.9E+01	C	48000	--	0.5 U
O-Xylene	4.9E+01	NC	NA	--	0.5 U
Styrene	NA		NA	--	0.5 U
Tetrachloroethene	5.8E+00	NC	88	--	0.5 U
Toluene	NA		4000000	--	0.5 U
Trans-1,2-Dichloroethene	3.8E+01	NC	NA	--	0.5 U
Trans-1,3-Dichloropropene	4.2E+00	C	NA	--	0.5 U
Trichloroethene	5.2E-01	NC	2340	--	0.5 U
Trichlorofluoromethane	1.8E+01	NC	NA	--	0.5 U
CLP Semivolatile Organic Compounds (µg/L)					
1,1'-Biphenyl	NA		NA	10 U	5 U
1,2,4,5-TETRACHLOROBENZENE	NA		NA	NA	5 U
2,2'-Oxybis(1-chloropropane)	NA		NA	10 U	5 U
2,3,4,6-TETRACHLOROPHENOL	NA		NA	NA	5 U
2,4,5-TRICHLOROPHENOL	NA		NA	25 U	5 U
2,4,6-TRICHLOROPHENOL	NA		NA	10 U	5 U
2,4-DICHLOROPHENOL	NA		15800	10 U	5 U
2,4-DIMETHYLPHENOL	NA		NA	10 U	5 U
2,4-DINITROPHENOL	NA		NA	25 U	10 U
2,4-DINITROTOLUENE	NA		NA	10 U	5 U
2,6-DINITROTOLUENE	NA		NA	10 U	5 U
2-CHLORONAPHTHALENE	NA		NA	10 U	5 U
2-CHLOROPHENOL	NA		NA	10 U	5 U
2-METHYLNAPHTHALENE	NA		NA	10 U	5 U
2-METHYLPHENOL	NA		NA	10 U	5 U
2-NITROANILINE	NA		NA	25 U	10 U

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
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Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Semivolatile Organic Compounds (µg/L) (cont.)					
2-NITROPHENOL	NA		NA	10 U	5 U
3,3'-DICHLOROBENZIDINE	NA		NA	10 U	5 U
3-NITROANILINE	NA		NA	25 U	10 U
4,6-DINITRO-2-METHYLPHENOL	NA		NA	25 U	10 U
4-BROMOPHENYL-PHENYLETHER	NA		NA	10 U	5 U
4-CHLORO-3-METHYLPHENOL	NA		NA	10 U	5 U
4-CHLOROANILINE	NA		NA	10 UJ	5 U
4-CHLOROPHENYL-PHENYLETHER	NA		NA	10 U	5 U
4-METHYLPHENOL	NA		NA	10 U	5 U
4-NITROANILINE	NA		NA	25 U	10 U
4-NITROPHENOL	NA		NA	25 U	10 U
ACENAPHTHENE	NA		NA	10 U	5 U
ACENAPHTHYLENE	NA		NA	10 U	5 U
ACETOPHENONE	NA		NA	10 U	5 U
ANTHRACENE	NA		NA	10 U	5 U
ATRAZINE	NA		NA	10 U	5 U
BENZALDEHYDE	NA		NA	10 UJ	5 U
BENZO(A)ANTHRACENE	NA		NA	10 U	5 U
BENZO(A)PYRENE	NA		NA	10 U	5 U
BENZO(B)FLUORANTHENE	NA		NA	10 U	5 U
BENZO(G,H,I)PERYLENE	NA		NA	10 U	5 U
BENZO(K)FLUORANTHENE	NA		NA	10 U	5 U
BIS(2-CHLOROETHOXY)METHANE	NA		NA	10 U	5 U
Bis(2-chloroethyl)ether	NA		NA	10 U	5 U
BIS(2-ETHYLHEXYL)PHTHALATE	NA		NA	10 U	5 U
Butylbenzylphthalate	NA		NA	10 U	5 U
Caprolactam	NA		NA	10 U	5 U
CARBAZOLE	NA		NA	10 U	5 U
CHRYSENE	NA		NA	10 U	5 U
DIBENZ(A,H)ANTHRACENE	NA		NA	10 U	5 U
DIBENZOFURAN	NA		NA	10 U	5 U
Diethylphthalate	NA		NA	10 U	5 U
Dimethylphthalate	NA		NA	10 U	5 U
DI-N-BUTYL PHTHALATE	NA		120000	10 U	5 U
DI-N-OCTYL PHTHALATE	NA		NA	10 U	5 U
FLUORANTHENE	NA		3700	10 U	5 U
FLUORENE	NA		140000	10 U	5 U
HEXACHLOROBENZENE	NA		0.077	10 U	5 U
HEXACHLOROBUTADIENE	NA		NA	10 U	5 U
HEXACHLOROCYCLOPENTADIENE	NA		NA	10 U	5 U

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Semivolatile Organic Compounds (µg/L) (cont.)					
HEXACHLOROETHANE	NA		89	10 U	5 U
INDENO(1,2,3-CD)PYRENE	NA		NA	10 U	5 U
ISOPHORONE	NA		NA	10 U	5 U
NAPHTHALENE	NA		NA	10 U	5 U
NITROBENZENE	NA		NA	10 U	5 U
N-NITROSO-DI-N-PROPYLAMINE	NA		NA	10 U	5 U
N-NITROSODIPHENYLAMINE	NA		NA	10 U	5 U
PENTACHLOROPHENOL	NA		NA	25 U	10 U
PHENANTHRENE	NA		0.077	10 U	5 U
PHENOL	NA		92000000	10 U	5 U
PYRENE	NA		110000	10 UJ	5 U
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)					
2-METHYLNAPHTHALENE	NA		NA	10 U	0.1 U
ACENAPHTHENE	NA		NA	10 U	0.1 U
ACENAPHTHYLENE	NA		0.3	10 U	0.1 U
ANTHRACENE	NA		1100000	10 U	0.1 U
BENZO(A)ANTHRACENE	NA		0.3	10 U	0.1 U
BENZO(A)PYRENE	NA		0.3	10 U	0.1 U
BENZO(B)FLUORANTHENE	NA		0.3	10 U	0.1 UJ
BENZO(G,H,I)PERYLENE	NA		NA	10 U	0.1 U
BENZO(K)FLUORANTHENE	NA		0.3	10 U	0.1 U
CHRYSENE	NA		NA	10 U	0.1 UJ
DIBENZ(A,H)ANTHRACENE	NA		NA	10 U	0.1 U
FLUORANTHENE	NA		3700	10 U	0.1 U
FLUORENE	NA		140000	10 U	0.1 U
INDENO(1,2,3-CD)PYRENE	NA		NA	10 U	0.1 U
NAPHTHALENE	NA		NA	10 U	0.1 U
PENTACHLOROPHENOL	NA		NA	25 U	-- R
PHENANTHRENE	NA		0.077	10 U	0.1 U
PYRENE	NA		110000	10 UJ	0.1 U
Vinyl Chloride	1.4E-01	C	15750	--	0.5 U
CLP Pesticides (µg/L)					
4,4'-DDD	NA		NA	0.1 U	0.1 U
4,4'-DDE	NA		NA	0.1 U	0.1 U
4,4'-DDT	NA		NA	0.1 U	0.1 U
ALDRIN	NA		NA	0.05 U	0.05 U
ALPHA-BHC	NA		NA	0.05 U	0.05 U
alpha-Chlordane	NA		NA	0.05 U	0.05 U
BETA-BHC	NA		NA	0.05 U	0.05 U
DELTA-BHC	NA		NA	0.05 U	0.05 U

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
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			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP Pesticides (µg/L) (cont.)					
DIELDRIN	NA		0.1	0.05 U	0.1 U
ENDOSULFAN I	NA		NA	0.05 U	0.05 U
ENDOSULFAN II	NA		NA	0.1 U	0.1 U
ENDOSULFAN SULFATE	NA		NA	0.1 U	0.1 U
ENDRIN	NA		0.1	0.05 U	0.1 U
ENDRIN ALDEHYDE	NA		NA	0.1 U	0.1 U
ENDRIN KETONE	NA		NA	0.1 U	0.1 U
gamma-BHC (Lindane)	NA		NA	0.05 U	0.05 U
GAMMA-CHLORDANE	NA		NA	0.05 U	0.05 U
HEPTACHLOR	NA		0.05	0.02 U	0.05 U
HEPTACHLOR EPOXIDE	NA		0.05	0.02 U	0.05 U
METHOXYCHLOR	NA		NA	0.5 U	0.5 U
TOXAPHENE	NA		1	5 U	5 U
CLP Polychlorinated Biphenyl (PCB) Aroclors (µg/L)					
AROCLOR 1016	NA		NA	1 U	0.5 U
AROCLOR 1221	NA		NA	0.25 U	0.5 U
AROCLOR 1232	NA		NA	1 U	0.5 U
AROCLOR 1242	NA		NA	1 U	0.5 U
AROCLOR 1248	NA		NA	1 U	0.5 U
AROCLOR 1254	NA		NA	0.25 U	0.5 U
AROCLOR 1260	NA		NA	0.25 U	0.5 U
Aroclor 1262	NA		NA	0.28 U	0.5 U
Aroclor 1268	NA		NA	1 U	0.5 U
CLP TAL Total Metals (µg/L)					
ALUMINUM	NA		NA	56.7 U	40.2 J
ANTIMONY	NA		86000	1.2 U	60 UJ
ARSENIC	NA		4	3 U	0.23 J
BARIUM	NA		NA	11	11.1 J
BERYLLIUM	NA		4	0.2 U	5 U
CADMIUM	NA		6	0.37 UJ	5 UJ
CALCIUM	NA		NA	58600	26900
CHROMIUM	NA		1200	0.8 U	10 U
COBALT	NA		NA	0.7 U	50 U
COPPER	NA		48	1.5 U	5 J
CYANIDE	NA		52	NA	10 UJ
IRON	NA		NA	30.8 U	58.5 J
LEAD	NA		13	1.2 U	10 UJ
MAGNESIUM	NA		NA	7360	5320
MANGANESE	NA		NA	146	30.5
MERCURY	NA		0.4	0.1 U	0.2 UJ

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
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Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
CLP TAL Total Metals (µg/L)					
NICKEL	NA		880	4.4 U	3 J
POTASSIUM	NA		NA	4400 J	4050 J
SELENIUM	NA		50	3 U	35 U
SILVER	NA		12	0.8 U	10 U
SODIUM	NA		NA	17400	31900 J
THALLIUM	NA		63	2.4 U	25 UJ
VANADIUM	NA			0.7 U	50 UJ
ZINC	NA		123	1.1 UJ	33.6 J
Dioxins and Furans (pg/L)					
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	NA		NA	27 U	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-P-Dioxin	NA		NA	3.2 U	--
1,2,3,4,6,7,8-Heptachlorodibenzofuran	NA		NA	1.2 U	--
1,2,3,4,6,7,8-Heptachlorodibenzo-P-Dioxin	NA		NA	2 U	--
1,2,3,4,7,8,9-Heptachlorodibenzofuran	NA		NA	1.5 U	--
1,2,3,4,7,8-Hexachlorodibenzofuran	NA		NA	1.9 UEMPC	--
1,2,3,4,7,8-Hexachlorodibenzo-P-Dioxin	NA		NA	1.3 U	--
1,2,3,6,7,8-Hexachlorodibenzofuran	NA		NA	0.8 U	--
1,2,3,6,7,8-Hexachlorodibenzo-P-Dioxin	NA		NA	1.2 U	--
1,2,3,7,8,9-Hexachlorodibenzofuran	NA		NA	1 U	--
1,2,3,7,8,9-Hexachlorodibenzo-P-Dioxin	NA		NA	1.2 U	--
1,2,3,7,8-Pentachlorodibenzofuran	NA		NA	0.9 U	--
1,2,3,7,8-Pentachlorodibenzo-P-Dioxin	NA		NA	1.3 U	--
2,3,4,6,7,8-Hexachlorodibenzofuran	NA		NA	0.8 U	--
2,3,4,7,8-Pentachlorodibenzofuran	NA		NA	0.9 U	--
2,3,7,8-Tetrachlorodibenzofuran	NA		NA	0.8 U	--
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	NA		NA	1.3 U	--
Dioxin/Furan - Toxic Equivalent	NA		NA	NA	--
Heptachlorodibenzofuran (Total)	NA		NA	1.3 UJ	--
Heptachlorodibenzo-P-Dioxin (Total)	NA		NA	2 UJ	--
Hexachlorodibenzofuran (Total)	NA		NA	1.9 UEMPC	--
Hexachlorodibenzo-P-Dioxin (Total)	NA		NA	3.4 UEMPC	--
Pentachlorodibenzofuran (Total)	NA		NA	0.9 UJ	--
Pentachlorodibenzo-P-Dioxin (Total)	NA		NA	1.3 UJ	--
Tetrachlorodibenzo(P)Dioxin (Total)	NA		NA	1.3 UJ	--
Tetrachlorodibenzofuran (Total)	NA		NA	0.8 UJ	--

Table 4-2
Groundwater Data Summary - 2002/3 and 2009/10 Upgradient Bedrock Wells
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Raymark - OU2 - Groundwater
Stratford, Connecticut

			Well ID	MW-501B	MW-501B
			Station ID	OU2-MW-501B-07	OU2-MW-501B
			Date Sampled	12/16/2002	11/2/2009
			Sample Type		N
			AQUIFER/Parent Sample	Upgradient Bedrock	Upgradient Bedrock
Chemical	**2012 Adjusted Vapor Intrusion Screening Levels[1]**	**Basis**	**Connecticut Surface Water Protection Criteria**		
Wet Chemistry Data (mg/L)					
Alkalinity	NA		NA	118	86
Carbon Dioxide, Free	NA		NA	NA	21
Chloride	NA		NA	35.7	35
Nitrate (as Nitrogen)	NA		NA	1.36 J	9.3
Nitrite (as Nitrogen)	NA		NA	0.05 J	0.28
Sulfate	NA		NA	31.7	30
Sulfide	NA		NA	NA R	0.5 J H
TOC Result 1	NA		NA	NA	2
TOC Result 2	NA		NA	NA	2
TOC Result 3	NA		NA	NA	2.1
TOC Result 4	NA		NA	NA	1.9
Total Organic Carbon	NA		NA	4.51 J	2
Methane, Ethane, Ethene (MEE) (µg/L)					
Ethane	NA		NA	10 U	1.5 U
Ethylene	NA		NA	10 U	1.5 U
Methane	NA		NA	5 U	0.27

Notes:

[1] 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.

B = Compound also detected in a quality control blank sample.

J = Quantitation approximate.

EMPC = Estimated Maximum Potential Concentration.

* = From dilution analysis or Estimated Maximum Possible Concentration

Table 4-3
2009/10 Groundwater Data Summary Statistics and Criteria Comparisons - Overburden
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Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP Volatile Organic Compounds[4] (µg/L)												
1,1,1-Trichloroethane	65	121	3283.12	0.59	140000	MW-PC02D	0	65	740	13	62000	1
1,1,2-Trichloroethane	17	106	7.06	2	21	MW-PC02D	0	17	0.62	17	1260	0
1,1-Dichloroethane	77	121	141.38	0.28	2100	CRA-2D	0	77	6.6	61	NS	NA
1,1-Dichloroethene	67	120	1008.77	1.2	22000	MW-PC02D	0	67	20	42	96	30
1,2-Dichloroethane	7	106	3.74	1.2	8	MW-111D	0	7	1.9	3	2970	0
1,4-Dioxane	6	6	448.33	350	580	MW-104D	0	6	NS	NA	NS	NA
Acetone	1	106	34.00	34	34	CRA-5S	0	1	NS	NA	NS	NA
Benzene	28	106	12.05	1.5	81	CRA-6S	0	28	1.4	28	710	0
2-Butanone	1	15	630.00	630	630	MW-203D	0	1	NS	NA	NS	NA
Chlorobenzene	64	121	166.54	1.00	3500	MW-PC03S	14	29	41	17	420000	0
Chloroethane	6	106	58.98	5.90	230	CRA-4S	0	6	NS	NA	NS	NA
Chloroform	23	121	8.19	0.38	23	MW-PC12D	0	23	0.71	20	14100	0
Cis-1,2-Dichloroethene	55	81	330.88	0.37	1600	MW-104D	0	55	NS	NA	NS	NA
Cyclohexane	5	66	84.92	9.60	220	CRA-5S	0	5	NS	NA	NS	NA
Ethylbenzene	4	106	10.60	1.40	34	MW-PC04S	0	4	3.0	3	580000	0
Isopropylbenzene	8	106	7.58	1.20	30	MW-PC04S	0	8	NS	NA	NS	NA
M,P-Xylene	5	104	29.44	6.80	84	MW-PC04S	0	5	36	2	NS	NA
Methyl Tert-Butyl Ether	22	106	85.37	1.10	1100	MW-PC01M	4	13	390	1	NS	NA
Methylcyclohexane	7	66	474.57	13.00	1700	CRA-5S	0	7	NS	NA	NS	NA
Methylene Chloride	7	106	52.00	1.00	120	MW-PC14D	0	7	39	5	48000	0
O-Xylene	5	106	12.00	1.00	32	MW-PC14D	0	4	49	0	NS	NA
Tetrachloroethene	33	105	6.30	1.00	51	MW-506D	0	33	5.8	10	88	0
Toluene	8	106	52.48	1.60	240	MW-PC14D	0	8	NS	NA	4000000	0
Trans-1,2-Dichloroethene	6	106	2.13	1.10	3.4	MW-104D	0	6	38	0	NS	NA
Trichloroethene	72	121	621.39	0.35	7800	MW-PC14D	0	72	0.52	70	2340	5
Vinyl Chloride	46	104	72.38	1.60	440	MW-207SR	0	46	0.14	46	15750	0
CLP Semivolatile Organic Compounds (µg/L)												
2,4-Dimethylphenol	1	79	9.8	9.8	9.8	MW-110S	36	0	NS	NA	NS	NA
2,4-Dinitrophenol	1	81	2.7	2.7	2.7	MW-506M	0	1	NS	NA	NS	NA
2-Methylnaphthalene	1	80	1.6	1.6	1.6	CRA-6S	0	1	NS	NA	NS	NA

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Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP Semivolatile Organic Compounds (µg/L) (cont.)												
2-Methylphenol	1	80	5.5	5.5	5.5	MW-110S	12	0	NS	NA	NS	NA
2-Nitrophenol	4	80	10	1	25	MW-505D	0	4	NS	NA	NS	NA
3-Nitroaniline	1	81	2.8	2.8	2.8	MW-505D	0	1	NS	NA	NS	NA
4,6-Dinitro-2-Methylpheno	1	81	11	11	11	MW-506M	0	1	NS	NA	NS	NA
4-Chloro-3-Methylphenol	1	80	1	1	1	MW-505D	4	0	NS	NA	NS	NA
4-Chloroaniline	1	77	3.4	3.4	3.4	MW-505D	0	1	NS	NA	NS	NA
4-Methylphenol	1	80	100	100	100	MW-110S	170	0	NS	NA	NS	NA
4-Nitrophenol	13	81	85.02	3.2	440	MW-505D	0	13	NS	NA	NS	NA
Acenaphthene	3	81	1.97	1	3.2	MW-209S	0	3	NS	NA	NS	NA
Bis(2-Ethylhexyl)Phthalate	4	81	3.2	1	8.1	CRA-4S	0	4	NS	NA	59	0
Caprolactam	22	80	6.8	1.2	19	MW-215S	3	17	NS	NA	NS	NA
Dibenzofuran	1	81	2.2	2.2	2.2	CRA-6S	0	1	NS	NA	NS	NA
Di-N-Butyl Phthalate	1	81	1.3	1.3	1.3	MW-535S	0	1	NS	NA	120000	0
Fluoranthene	2	81	1.25	1.1	1.4	MW-110D	0	2	NS	NA	3700	0
Fluorene	1	81	2	2	2	CRA-6S	0	1	NS	NA	140000	0
Naphthalene	1	80	6.7	6.7	6.7	CRA-6S	4	1	NS	NA	NS	NA
N-Nitrosodiphenylamine	2	64	1.55	1.2	1.9	CRA-6S	0	2	NS	NA	NS	NA
Phenanthrene	1	81	1.6	1.6	1.6	CRA-6S	0	1	NS	NA	0.077	1
Phenol	4	81	402.9	1.4	1600	MW-110S	78	1	NS	NA	92000000	0
Pyrene	1	82	1.1	1.1	1.1	MW-110D	0	1	NS	NA	110000	0
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)												
2-Methylnaphthalene	10	81	0.467	0.12	2.1	CRA-6S	0	10	NS	NA	NS	NA
Acenaphthene	8	81	1.220	0.11	5.4	MW-209S	0	8	NS	NA	NS	NA
Acenaphthylene	2	81	0.245	0.11	0.38	MW-110S	0	2	NS	NA	0.3	1
Anthracene	14	81	0.209	0.11	0.64	MW-209S	0	14	NS	NA	1100000	0
Benzo(A)Anthracene	3	81	0.470	0.32	0.67	MW-529S	0	3	NS	NA	0.3	3
Benzo(A)Pyrene	4	56	0.298	0.21	0.34	MW-529S	0	4	NS	NA	0.3	3
Benzo(B)Fluoranthene	4	81	0.503	0.25	0.8	MW-110D	0.2	4	NS	NA	0.3	3
Benzo(G,H,I)Perylene	3	81	0.200	0.12	0.26	MW-110D	0	3	NS	NA	NS	NA
Benzo(K)Fluoranthene	3	81	0.163	0.1	0.24	MW-110D	0	3	NS	NA	0.3	0

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Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L) (cont.)												
Chrysene	6	81	0.295	0.12	0.55	MW-110D	0.16	4	NS	NA	NS	NA
Fluoranthene	14	81	0.487	0.1	1.5	MW-209S	0	14	NS	NA	3700	0
Fluorene	12	81	0.443	0.11	2.3	CRA-6S	0	12	NS	NA	140000	0
Indeno(1,2,3-CD)Pyrene	3	81	0.193	0.13	0.25	MW-110D	0	3	NS	NA	NS	NA
Naphthalene	17	81	0.824	0.11	5.7	CRA-6S	0	17	NS	NA	NS	NA
Pentachlorophenol	2	17	1.905	0.21	3.6	MW-110S	0	2	NS	NA	NS	NA
Phenanthrene	21	81	0.381	0.12	1.9	CRA-6S	0	21	NS	NA	0.077	21
Pyrene	28	81	0.271	0.11	0.98	MW-110D	0	28	NS	NA	110000	0
CLP Pesticides (µg/L)												
4,4'-DDD	1	81	0.095	0.095	0.095	CRA-5S	0	1	NS	NA	NS	NA
4,4'-DDE	1	81	0.13	0.13	0.13	MW-506M	0	1	NS	NA	NS	NA
Aldrin	2	81	0.276	0.032	0.52	MW-506M	0	2	NS	NA	NS	NA
Beta-BHC	1	76	0.07	0.07	0.07	MW-506D	0	1	NS	NA	NS	NA
Dieldrin	1	81	0.22	0.22	0.22	MW-302S	0	1	NS	NA	0.1	1
Gamma-BHC (Lindane)	2	79	0.025	0.025	0.025	RA-5S, MW-11	0	2	NS	NA	NS	NA
Gamma-Chlordane	2	77	0.0545	0.029	0.08	MW-506M	0	2	NS	NA	NS	NA
Heptachlor	3	80	0.055	0.03	0.069	MW-213S	0	3	NS	NA	0.05	2
Heptachlor Epoxide	1	80	0.034	0.034	0.034	MW-302S	0	1	NS	NA	0.05	0
CLP Polychlorinated Biphenyl (PCB) Aroclors (µg/L)												
AROCLOR 1254	1	81	0.45	0.45	0.45	MW-111D	0	1	NS	NA	NS	NA
CLP TAL Total Metals (µg/L)												
Aluminum	53	81	1776.4	12.7	55000	MW-211D	0	53	NS	NA	NS	NA
Antimony	1	81	14.4	14.4	14	CRA-4S	0	1	NS	NA	86000	0
Arsenic	62	80	14.9	0.2	163	MW-505M	0	62	NS	NA	4	25
Barium	75	81	58.4	8.6	424	MW-104S	140	4	NS	NA	NS	NA
Beryllium	4	81	6.3	1.0	13	MW-211D	0	4	NS	NA	4	3
Cadmium	14	81	8.9	1.1	77	CRA-4S	0	14	NS	NA	6	4
Calcium	81	81	74062.5	5350.0	429000	MW-201D	222000	5	NS	NA	NS	NA
Chromium	6	81	9.9	3.1	21	CRA-4S	1.1	6	NS	NA	1200	0
Cobalt	27	81	74.9	0.3	522	MW-111D	2.2	22	NS	NA	NS	NA

Table 4-3
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Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP TAL Total Metals (µg/L) (cont.)												
Copper	34	81	9.2	0.7	108	CRA-4S	29	2	NS	NA	48	1
Cyanide	7	81	6.2	3.4	18	MW-506D	0	7	NS	NA	52	0
Iron	69	81	16312.4	10.3	257000	MW-101S	3820	28	NS	NA	NS	NA
Lead	8	81	15.5	3.0	69	MW-104S	0	8	NS	NA	13	2
Magnesium	80	81	40760.9	908.0	482000	MW-535S	146000	5	NS	NA	NS	NA
Manganese	75	81	6318.4	1.3	58800	MW-201D	2030	32	NS	NA	NS	NA
Nickel	43	81	40.1	1.6	438	MW-211D	7.05	23	NS	NA	880	0
Potassium	78	81	12250.5	1260.0	202000	MW-535S	12000	14	NS	NA	NS	NA
Selenium	1	81	3.0	3.0	3	MW-214S	4.1	0	NS	NA	50	0
Silver	3	81	5.4	4.8	6	MW-211D	0	3	NS	NA	12	0
Sodium	81	81	211872.8	10400.0	3450000	MW-535S	234000	10	NS	NA	NS	NA
Thallium	2	81	7.6	7.0	8	MW-111D	0	2	NS	NA	63	0
Vanadium	2	81	4.9	3.4	6	MW-535S	1.7	2	NS	NA	NS	NA
Zinc	48	81	95.9	1.3	968	MW-211D	463	5	NS	NA	123	7
Dioxins and Furans (µg/L)												
Dioxin/Furan - Toxic Equivalent	5	40	0.14	0.02	0.47	MW-213S	13	0	NS	NA	NS	NA

Notes:

[1] Upgradient concentrations are the maximum upgradient/crossgradient concentrations from 2002/3 sampling, as reported in the 2005 RI Report, Table 4-4. Only four upgradient wells were sampled in the 2009/10 sampling. A comparison of the 2009/10 data from these wells to the 2002/3 data from the same wells indicates that upgradient conditions have not changed significantly since 2002/3 (Tables 4-1 and 4-2). Because a larger number of upgradient wells were sampled in 2002/3, the 2002/3 results form all the upgradient wells reported in the 2005 RI Report, Table 4-4 are considered representative of current upgradient conditions and are used for comparison to the 2009/10 groundwater data.

[2] 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.

[3] Connecticut Surface Water Protection Criteria for Substances in Groundwater: Appendix D to Sections 22a-133k-1 through 22a-133k-3 of the CTDEEP Remediation Standard Regulations (CTDEEP, January 1996).

[4] Trace Volatile Organic Compounds (VOCs) results were combined into the overall VOCs results.

VOC data for Post Closure (PC) monitoring wells provided by the Connecticut Department of Energy and Environmental Protection (CTDEEP). All additional analytical data summaries do not include PC well locations sampled in 2009/10.

NS - No Standard is available for this chemical.

NA - Not Applicable.

Table 4-4
2009/10 Groundwater Data Summary Statistics and Criteria Comparisons - Bedrock
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Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP Volatile Organic Compounds[4] (µg/L)												
1,1,1-Trichloroethane	17	24	1750.51	1.5	26000	MW-PC02B	110	6	740	3	62000	0
1,1,2-Trichloro-1,2,2-Trifluoroethane	1	9	8.9	8.9	8.9	MW-211B	0	1	150	0	NS	NA
1,1,2-Trichloroethane	5	23	6.08	1.1	16	MW-211B	0	5	0.62	5	1260	0
1,1-Dichloroethane	18	23	341.16	1.2	4600	MW-PC02B	2	16	6.6	15	NS	NA
1,1-Dichloroethene	19	24	1020.43	2.7	11000	MW-PC02B	260	4	20	13	96	8
1,2-Dichloroethane	6	24	4.38	1.2	18	MW-PC16B	0	5	1.9	2	2970	0
Acetone	1	23	360	360	360	MW-211B	13	1	NS	NA	NS	NA
Benzene	5	23	7.48	1.2	19	MW-PC15B	0	5	1.4	4	710	0
Carbon Disulfide	1	22	9.9	9.9	9.9	MW-211B	0	1	120	0	NS	NA
Chlorobenzene	16	25	99.76	2.1	1200	MW-PC03B	1200	0	41	3	420000	0
Chloroethane	1	23	4.3	4.3	4.3	MW-507B	0	1	NS	NA	NS	NA
Chloroform	8	25	4.06	1.1	9.8	MW-PC12B	23	0	0.71	8	14100	0
Cis-1,2-Dichloroethene	9	11	189.39	3.5	670	MW-310B	6	8	NS	NA	NS	NA
Methyl Tert-Butyl Ether	8	23	74.53	1.2	360	MW-301B	0	8	390	0	NS	NA
Methylene Chloride	1	23	4	4	4	MW-505B	0	1	39	0	48000	0
Tetrachloroethene	13	23	6.12	1.1	20	MW-PC13B	0	13	5.80	3	88	0
Trans-1,2-Dichloroethene	1	23	1.30	1.3	1.3	MW-PC10B	0	1	38	0	NA	NA
Trichloroethene	20	24	707.45	12	4600	MW-211B	31	16	0.52	20	2340	1
Vinyl Chloride	10	23	15.83	1.6	55	MW-310B	0	10	0.14	10	15750	0
CLP Semivolatile Organic Compounds (µg/L)												
2,4-DIMETHYLPHENOL	1	11	2.6	2.6	2.6	MW-211B	0	1	NS	NA	NS	NA
4-METHYLPHENOL	1	11	1.2	1.2	1.2	MW-211B	0	1	NS	NA	NS	NA
4-NITROPHENOL	1	11	5.6	5.6	5.6	MW-505B	0	1	NS	NA	NS	NA
Caprolactam	2	11	8.85	4.7	13	MW-505B	650	0	NS	NA	NS	NA
PHENOL	1	11	1.6	1.6	1.6	MW-211B	0	1	NS	NA	92000000	0
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)												
BENZO(A)ANTHRACENE	1	11	0.14	0.14	0.14	MW-213B	0	1	NS	NA	0.3	0
FLUORANTHENE	3	11	0.18	0.19	0.24	MW-213B	0	3	NS	NA	3700	0
NAPHTHALENE	1	11	0.18	0.18	0.18	MW-514B	0	1	NS	NA	NS	NA
PHENANTHRENE	1	11	0.22	0.22	0.22	MW-213B	0	1	NS	NA	0.077	1
PYRENE	6	11	0.16	0.11	0.29	MW-213B	0	6	NS	NA	110000	0

Table 4-4
2009/10 Groundwater Data Summary Statistics and Criteria Comparisons - Bedrock
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Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]
CLP Pesticides (µg/L)												
DIELDRIN	1	11	0.13	0.13	0.13	MW-215B	0	1	NS	NA	0.1	1
HEPTACHLOR	1	11	0.058	0.058	0.058	MW-505B	0	1	NS	NA	0.05	1
HEPTACHLOR EPOXIDE	1	11	0.049	0.049	0.049	MW-215B	0	1	NS	NA	0.05	0
CLP TAL Total Metals (µg/L)												
ALUMINUM	8	11	575.6	27.6	3770	MW-211B	0	8	NS	NA	NS	NA
ARSENIC	6	11	2.5	0.44	11.2	MW-211B	0	6	NS	NA	4	1
BARIUM	10	11	39.5	18.4	64.8	MW-302B	308	0	NS	NA	NS	NA
BERYLLIUM	2	11	4.0	3.3	4.6	MW-514B	0	2	NS	NA	4	2
CADMIUM	3	11	2.3	1.8	3	MW-104B	0	3	NS	NA	6	0
CALCIUM	11	11	267564.1	20200	489000	MW-104B	104000	8	NS	NA	NS	NA
CHROMIUM	1	11	10.0	10	10	MW-514B	7.6	1	NS	NA	1200	1
COBALT	6	11	251.0	2	1120	MW-514B	1.5	6	NS	NA	NS	NA
COPPER	4	11	9.1	1.4	27.6	MW-310B	1.7	3	NS	NA	48	0
CYANIDE	1	11	5.7	5.7	5.7	MW-505B	1.2	1	NS	NA	52	0
IRON	10	11	31163.7	130	182000	MW-211B	394	4	NS	NA	NS	NA
LEAD	1	11	2.1	2.1	2.1	MW-211B	0	1	NS	NA	13	0
MAGNESIUM	11	11	110711.5	6620	302000	MW-310B	28700	10	NS	NA	NS	NA
MANGANESE	11	11	16718.5	9.1	81800	MW-310B	1110	4	NS	NA	NS	NA
NICKEL	6	11	129.8	1.9	483	MW-514B	3.6	5	NS	NA	880	0
POTASSIUM	11	11	13338.5	4280	33700	MW-104B	7860	6	NS	NA	NS	NA
SILVER	3	11	9.5	7.7	11.3	MW-514B	0	3	NS	NA	12	0
SODIUM	11	11	415453.6	26300	1790000	MW-310B	108000	6	NS	NA	NS	NA
THALLIUM	1	11	49.3	49.3	49.3	MW-514B	0	1	NS	NA	63	0
ZINC	7	11	42.6	5	186	MW-514B	9.9	5	NS	NA	123	1

Notes:

[1] Upgradient concentrations are the maximum upgradient/crossgradient concentrations from 2002/3 sampling, as reported in the 2005 RI Report, Table 4-4. Only four upgradient wells were sampled in the 2009/10 sampling. A comparison of the 2009/10 data from these wells to the 2002/3 data from the same wells indicates that upgradient conditions have not changed significantly since 2002/3 (Tables 4-1 and 4-2). Because a larger number of upgradient wells were sampled in 2002/3, the 2002/3 results form all the upgradient wells reported in the 2005 RI Report, Table 4-4 are considered representative of current upgradient conditions and are used for comparison to the 2009/10 groundwater data.

[2] 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.

[3] Connecticut Surface Water Protection Criteria for Substances in Groundwater: Appendix D to Sections 22a-133k-1 through 22a-133k-3 of the CTDEEP Remediation Standard Regulations (CTDEEP, January 1996).

Table 4-4
2009/10 Groundwater Data Summary Statistics and Criteria Comparisons - Bedrock
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	Detects	Count	Average Detected Concentration	Minimum Concentration	Maximum Concentration	Maximum Location	Maximum Upgradient Concentration (2002/3)[1]	2009/10 Sample Count Exceeding 2002/3 Upgradient Maximum Concentration	2012 Adjusted Vapor Intrusion Screening Levels[2] µg/L	>Adjusted Vapor Intrusion Screening Levels[2]	Connecticut Surface Water Protection Criteria[3] µg/L	>Connecticut Surface Water Protection Criteria[3]

[4] Trace Volatile Organic Compounds (VOCs) results were combined into the overall VOCs results.

VOC data for Post Closure (PC) monitoring wells provided by the Connecticut Department of Energy and Environmental Protection (CTDEEP). All additional analytical data summaries do not include PC well locations sampled in 2009/10.

NS - No Standard is available for this chemical.

NA - Not Applicable.

Table 4-5
2003 and 2010 Recovery Well 3 Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Sample Number		RW3		RW-3	
			Sample Location		OU1-MW-RW3-07		RW-3	
			Date Sampled		1/16/2003		9/9/2010	
			Interval				--	
			QC Identifier		None		None	
			Zone					
Chemical	**2012 Adjusted Vapor Intrusion Comparison Levels[1]**		**Connecticut Surface Water Protection Criteria SWPC**					
Volatile Organic Analysis (µg/L)								
1,1,1,2-Tetrachloroethane					NA		NA	
1,1,1-Trichloroethane	7.4E+02	NC	62000	µg/L	24000	*	130000	
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	µg/L	10	U	2000	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC			10	U	NA	
1,1,2-Trichloroethane	6.2E-01	NC	1260	µg/L	23		2000	U
1,1-Dichloroethane	6.6E+00	C	NA		1700	*	2600	
1,1-Dichloroethene	2.0E+01	NC	96	µg/L	5000	*	2000	U
1,1-Dichloropropene					NA		NA	
1,2,3-Trichlorobenzene					NA		NA	
1,2,3-Trichloropropane					NA		NA	
1,2,4-Trichlorobenzene	3.6E+00	NC			10	U	NA	
1,2,4-Trimethylbenzene					NA		NA	
1,2-Dibromo-3-Chloropropane	2.7E-02	C			10	U	NA	
1,2-Dibromoethane	1.5E-01	C			10	U	NA	
1,2-Dichlorobenzene	NA		170000	µg/L	10	U	2000	U
1,2-Dichloroethane	1.9E+00	C	2970	µg/L	7	J	2000	U
1,2-Dichloroethene (Total)					NA		NA	
1,2-Dichloropropane	2.1E+00	C	NA		10	U	2000	U
1,3,5-Trimethylbenzene					NA		NA	
1,3-Dichlorobenzene	NA		26000	µg/L	10	U	2000	U
1,3-Dichloropropane	4.2E+00	C			NA		NA	
1,4-Dichlorobenzene	2.2E+00	C	26000	µg/L	10	U	2000	U
1,4-Dioxane	NA				1000	J	NA	
1-Chlorohexane					NA		NA	
2,2-Dichloropropane					NA		NA	
2-Butanone	NA				10	UJ	NA	
2-Chloroethyl Vinyl Ether					NA		NA	
2-Chlorotoluene					NA		NA	
2-Hexanone	8.2E+02	NC			12	J	NA	
2-Methyl-2-Phenylpropane	NA				NA		NA	
2-Phenylbutane					NA		NA	
4-Chlorotoluene					NA		NA	
4-Methyl-2-Pentanone	NA				89		NA	
Acetone	NA				10	UJ	NA	
Acrolein					NA		NA	
Acrylamide					NA		NA	
Acrylonitrile					NA		NA	
Benzene	1.4E+00	C	710	µg/L	9	J	2000	U
Benzyl Chloride					NA		NA	
Bis(2-Chloroethoxy)Methane					10	U	NA	
Bis-(2-Chloroisopropyl)Ether					NA		NA	

Table 4-5
2003 and 2010 Recovery Well 3 Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

				Sample Number	RW3		RW-3	
				Sample Location	OU1-MW-RW3-07		RW-3	
				Date Sampled	1/16/2003		9/9/2010	
				Interval			--	
				QC Identifier	None		None	
				Zone				
Chemical	**2012 Adjusted Vapor Intrusion Comparison Levels[1]**		**Connecticut Surface Water Protection Criteria SWPC**					
Bromobenzene					NA		NA	
Bromochloromethane	7.0E+01	NC			NA		NA	
Bromodichloromethane	7.6E-01	C	NA		10	U	2000	U
Bromoform	NA		10800	µg/L	10	U	2000	U
Bromomethane	1.7E+00	NC	NA		10	U	2000	U
Carbon Disulfide	1.2E+02	NC			10	U	NA	
Carbon Tetrachloride	3.6E-01	C	132	µg/L	10	U	2000	U
Chlorobenzene	4.1E+01	NC	420000	µg/L	67		2000	U
Chloroethane			NA		160		2000	U
Chloroform	7.1E-01	C	14100	µg/L	4	J	2000	U
Chloromethane	2.6E+01	NC	NA		10	U	2000	U
Chlorotoluene					NA		NA	
Cis-1,2-Dichloroethene	NA		NA		12000	*	9400	
Cis-1,3-Dichloropropene	4.20E+00	C	NA		10	U	2000	U
Cyclohexane	NA				10	U	NA	
Cyclohexanone					NA		NA	
Cymene					NA		NA	
Dibromochloromethane	2.8E+00	C	1020	µg/L	10	U	2000	U
Dibromomethane					NA		NA	
Dichlorobenzene (Isomers)					NA		NA	
Dichlorodifluoromethane	7.4E-01	NC	NA		10	UJ	2000	U
Dichloropropene, 1,3-	4.2E+00	C			NA		NA	
Diethyl Ether					NA		NA	
Ethylbenzene	3.0E+00	C	580000	µg/L	28		2000	U
Hexachlorobutadiene					10	U	NA	
Isopropylbenzene	NA				10	U	NA	
M,P-Xylene	3.6E+01	NC			NA		NA	
Methyl Acetate	NA				10	U	NA	
Methyl Tert-Butyl Ether	3.9E+02	C	NA		10	U	2000	U
Methylcyclohexane	NA				10	U	NA	
Methylene Chloride	3.9E+01	C	48000	µg/L	39	J	2000	U
M-Xylene	3.6E+01	NC	NA		NA		2000	U
Naphthalene					2	J	NA	
N-Butylbenzene					NA		NA	
N-Propylbenzene					NA		NA	
O-Xylene	4.9E+01	NC	NA		NA		2000	U
Styrene	NA		NA		10	U	5000	
Tetrachloroethene	5.8E+00	NC	88	µg/L	200		2400	
Tetrahydrofuran					NA		NA	

Table 4-5
2003 and 2010 Recovery Well 3 Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

			Sample Number		RW3		RW-3
			Sample Location		OU1-MW-RW3-07		RW-3
			Date Sampled		1/16/2003		9/9/2010
			Interval				--
			QC Identifier		None		None
			Zone				
Chemical	**2012 Adjusted Vapor Intrusion Comparison Levels[1]**		**Connecticut Surface Water Protection Criteria SWPC**				
Toluene	NA		4000000	µg/L	880	*	14000
Trans-1,2-Dichloroethene	3.8E+01	NC	NA		160		2000 U
Trans-1,3-Dichloropropene	4.2E+00	C	NA		10	U	2000 U
Trichloroethene	5.2E-01	NC	2340	µg/L	89000	*	500000
Trichlorofluoromethane	1.8E+01	NC	NA		10	U	2000 U
Vinyl Acetate					NA		NA
Vinyl Chloride	1.4E-01	C			180		NA
Xylene (Total)					95		NA

Notes:

1. All results in µg/L.
2. NA = Not Analyzed.
3. Qualifier "C" for 2012 Adjusted Vapor Intrusion Comparison Levels = Carcinogenic. Qualifer "NC" = Non-carcinogenic.
4. 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.
5. * = From dilution analysis or Estimated Maximum Possible Concentration

Table 4-6
2002/3 and 2009/10 Average Detected Concentration Comparisons - Overburden[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	2002/3 Detects	2002/3 Average Detected Concentration	2009/10 Detects	2009/10 Average Detected Concentration
CLP Volatile Organic Compounds (µg/L)				
1,1,1-TRICHLOROETHANE	76	3294.8	65	3283.12
1,1,2-TRICHLOROETHANE	26	8.0	17	7.06
1,1-DICHLOROETHANE	92	145.1	77	141.38
1,1-DICHLOROETHENE	77	1069.1	67	1008.77
1,2,4-TRIMETHYLBENZENE	1	20.0	0	--
1,2-DICHLOROETHANE	21	5.2	7	3.74
1,2-DICHLOROPROPANE	2	33.0	0	--
1,3,5-TRIMETHYLBENZENE	3	12.0	0	--
1,4-DIOXANE	42	361.4	6	448.33
2-BUTANONE	1	37.0	0	--
2-HEXANONE	1	4.0	0	--
4-METHYL-2-PENTANONE	2	3.0	0	--
ACETONE	3	4.7	1	34.00
BENZENE	46	276.2	28	12.05
CLP Volatile Organic Compounds (µg/L) (cont.)				
2-BUTANONE	0	--	1	630.00
BROMODICHLOROMETHANE	3	2.7	0	--
CARBON DISULFIDE	1	53.0	0	--
CHLOROBENZENE	73	297.0	64	166.54
CHLOROETHANE	22	54.0	6	58.98
CHLOROFORM	44	8.0	23	8.19
CIS-1,2-DICHLOROETHENE	88	318.2	55	330.88
CYCLOHEXANE	11	72.8	5	84.92
CYCLOHEXANONE	1	3.0	0	--
ETHYLBENZENE	14	123.8	4	10.60
ISOPROPYLBENZENE	11	11.9	8	7.58
M,P-XYLENE	0	--	5	29.44
METHYL TERT-BUTYL ETHER	28	72.3	22	85.37
METHYLCYCLOHEXANE	15	474.5	7	474.57
METHYLENE CHLORIDE	8	70.4	7	52.00
NAPHTHALENE	15	4.7	0	--
n-PROPYLBENZENE	1	24.5	0	--
O-XYLENE	1	3100.0	5	12.00
TETRACHLOROETHENE	38	6.8	33	6.30
TOLUENE	17	2120.1	8	52.48
TRANS-1,2-DICHLOROETHENE	14	2.7	6	2.13
TRICHLOROETHENE	74	1154.3	72	621.39
VINYL CHLORIDE	72	65.8	46	72.38
XYLENE (TOTAL)	15	604.7	0	--
CLP Semivolatile Organic Compounds (µg/L)				
2,4-DIMETHYLPHENOL	2	25.00	1	9.8
2,4-DINITROPHENOL	1	6.00	1	2.7
2-METHYLNAPHTHALENE	2	1.50	1	1.6
2-METHYLPHENOL	1	30.00	1	5.5
2-NITROPHENOL	4	8.75	4	10
3-NITROANILINE	0	--	1	2.8
4,6-DINITRO-2-METHYLPHENOL	1	19.00	1	11
4-CHLORO-3-METHYLPHENOL	2	1.00	1	1

Table 4-6
2002/3 and 2009/10 Average Detected Concentration Comparisons - Overburden[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	2002/3 Detects	2002/3 Average Detected Concentration	2009/10 Detects	2009/10 Average Detected Concentration
CLP Semivolatile Organic Compounds (µg/L) (cont.)				
4-CHLOROANILINE	0	--	1	3.4
4-METHYLPHENOL	4	193.75	1	100
4-NITROPHENOL	14	58.43	13	85.02
ACENAPHTHENE	5	4.20	3	1.97
ACENAPHTHYLENE	1	1.20	0	--
BENZO(B)FLUORANTHENE	1	0.32	0	--
BIS(2-ETHYLHEXYL)PHTHALATE	1	2.00	4	3.2
CAPROLACTUM	5	15.80	22	6.8
CARBAZOLE	1	1.00	0	--
DIBENZOFURAN	4	3.00	1	2.2
DIETHYLPHTHALATE	2	2.00	0	--
DI-N-BUTYL PHTHALATE	1	1.00	1	1.3
FLUORANTHENE	0	--	2	1.25
FLUORENE	4	3.00	1	2
NAPHTHALENE	6	7.17	1	6.7
N-NITROSODIPHENYLAMINE	2	5.00	2	1.55
PHENANTHRENE	8	1.36	1	1.6
PHENOL	7	1201.43	4	402.9
PYRENE	1	2.00	1	1.1
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)				
2-Methylnaphthalene	No Selective Ion Monitoring analysis available for 2002/3 data		10	0.467
Acenaphthene			8	1.220
Acenaphthylene			2	0.245
Anthracene			14	0.209
Benzo(A)Anthracene			3	0.470
Benzo(A)Pyrene			4	0.298
Benzo(B)Fluoranthene			4	0.503
Benzo(G,H,I)Perylene			3	0.200
Benzo(K)Fluoranthene			3	0.163
Chrysene			6	0.295
Fluoranthene			14	0.487
Fluorene			12	0.443
Indeno(1,2,3-CD)Pyrene			3	0.193
Naphthalene			17	0.824
Pentachlorophenol			2	1.905
Phenanthrene			21	0.381
Pyrene			28	0.271
CLP Pesticides (µg/L)				
4,4'-DDD	0	--	1	0.095
4,4'-DDE	0	--	1	0.13
ALDRIN	0	--	2	0.276
ALPHA-BHC	3	0.08	0	--
BETA-BHC	0	--	1	0.07
DELTA-BHC	2	0.06	0	--
DIELDRIN	1	0.25	1	0.22
GAMMA-BHC (LINDANE)	0	--	2	0.025

Table 4-6
2002/3 and 2009/10 Average Detected Concentration Comparisons - Overburden[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	2002/3 Detects	2002/3 Average Detected Concentration	2009/10 Detects	2009/10 Average Detected Concentration
CLP Pesticides (µg/L) (cont.)				
GAMMA-CHLORDANE	0	--	2	0.0545
HEPTACHLOR	1	0.09	3	0.055
HEPTACHLOR EPOXIDE	3	0.15	1	0.034
CLP Polychlorinated Biphenyl Aroclors (µg/L)				
AROCLOR 1254	0	--	1	0.45
CLP TAL Total Metals (µg/L)				
ALUMINUM	6	71024.33	53	1776.4
ANTIMONY	1	2.00	1	14.4
ARSENIC	27	46.82	62	14.9
BARIUM	80	66.17	75	58.4
BERYLLIUM	3	31.75	4	6.3
CADMIUM	11	6.37	14	8.9
CALCIUM	91	78575.71	81	74062.5
CHROMIUM	29	2.59	6	9.9
COBALT	41	135.49	27	74.9
COPPER	21	33.25	34	9.2
CYANIDE	4	2.55	7	6.2
IRON	45	71931.68	69	16312.4
LEAD	14	21.49	8	15.5
MAGNESIUM	91	44278.23	80	40760.9
MANGANESE	85	8726.96	75	6318.4
MERCURY	7	0.70	0	--
NICKEL	57	87.64	43	40.1
POTASSIUM	91	13430.00	78	12250.5
SELENIUM	13	13.04	1	3.0
SILVER	16	2.24	3	5.4
SODIUM	91	207018.68	81	211872.8
THALLIUM	8	29.96	2	7.6
VANADIUM	6	12.83	2	4.9
ZINC	34	308.26	48	95.9
Dioxins and Furans (µg/L)				
TOXICITY EQUIVALENCY	38	3.018190263	5	0.14

Notes:

1. Comparisons of the average detected concentrations in wells sampled in both 2002/3 and 2009/10.
2. Post Closure (PC) Well data for 2009/10 only available for Volatile Organic Compounds. PC Well data is not included in the other analyses.
3. NS - No Standard is available for this chemical.
4. NA - Not applicable.

Table 4-7
2002/3 and 2009/10 Average Detected Concentration Comparisons - Bedrock[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	2002/3 Detects	2002/3 Average Detected Concentration	2009/10 Detects	2009/10 Average Detected Concentration
CLP Volatile Organic Compounds (µg/L)				
1,1,1-TRICHLOROETHANE	20	7657.4	17	1750.51
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1	7.0	1	8.9
1,1,2-TRICHLOROETHANE	7	27.0	5	6.08
1,1-DICHLOROETHANE	19	163.6	18	341.16
1,1-DICHLOROETHENE	20	3663.6	19	1020.43
1,2-DICHLOROBENZENE	1	3.0	0	--
1,2-DICHLOROETHANE	7	7.3	6	4.38
1,4-DIOXANE	8	314.6	0	--
4-METHYL-2-PENTANONE	1	6.0	0	--
ACETONE	2	16.0	1	360
BENZENE	3	11.7	5	7.48
CARBON DISULFIDE	0	--	1	9.9
CHLOROBENZENE	20	27.7	16	99.76
CHLOROETHANE	5	6.4	1	4.3
CHLOROFORM	12	6.3	8	4.06
CIS-1,2-DICHLOROETHENE	21	168.5	9	189.39
CYCLOHEXANONE	1	5.0	0	--
DIETHYL ETHER	1	6.0	0	--
METHYL TERT-BUTYL ETHER	7	24.7	8	74.53
METHYLCYCLOHEXANE	1	2.0	0	--
METHYLENE CHLORIDE	3	29.3	1	4
TETRACHLOROETHENE	13	9.2	13	6.12
TOLUENE	6	2.8	0	--
TRANS-1,2-DICHLOROETHENE	4	2.0	1	1.30
TRICHLOROETHENE	20	952.1	20	707.45
VINYL CHLORIDE	16	21.4	10	15.83
XYLENE (TOTAL)	3	2.7	0	--
CLP Semivolatile Organic Compounds (µg/L)				
2,4-DIMETHYLPHENOL	2	1.0	1	2.6
2-NITROPHENOL	1	11.0	0	--
4-METHYLPHENOL	0	--	1	1.2
4-NITROPHENOL	4	53.0	1	5.6
CAPROLACTUM	1	65.0	2	8.85
PHENOL	0	--	1	1.6
CLP Semivolatile Organic Compounds by Selective Ion Monitoring (µg/L)				
BENZO(A)ANTHRACENE	No Selective Ion Monitoring analysis available for 2002/3 data		1	0.14
FLUORANTHENE			3	0.18
NAPHTHALENE			1	0.18
PHENANTHRENE			1	0.22
PYRENE			6	0.16
CLP Pesticides (µg/L)				
ALPHA-CHORDANE	1	0.1	0	--
DIELDRIN	1	0.42	1	0.13
ENDOSULFAN I	1	0.055	0	--
HEPTACHLOR	0	--	1	0.058
HEPTACHLOR EPOXIDE	1	0.18	1	0.049

Table 4-7
2002/3 and 2009/10 Average Detected Concentration Comparisons - Bedrock[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Parameter	2002/3 Detects	2002/3 Average Detected Concentration	2009/10 Detects	2009/10 Average Detected Concentration
CLP Polychlorinated Biphenyl Aroclors (µg/L)				
None Detected				
CLP TAL Total Metals (µg/L)				
ALUMINUM	2	151299.0	8	575.6
ARSENIC	2	73.2	6	2.5
BARIUM	10	51.2	10	39.5
BERYLLIUM	2	49.3	2	4.0
CADMIUM	2	12.1	3	2.3
CALCIUM	12	238966.7	11	267564.1
CHROMIUM	2	8.4	1	10.0
COBALT	7	629.2	6	251.0
COPPER	2	316.7	4	9.1
CYANIDE	0	--	1	5.7
IRON	4	483220.5	10	31163.7
LEAD	2	119.2	1	2.1
MAGNESIUM	12	126419.2	11	110711.5
MANGANESE	12	30124.0	11	16718.5
MERCURY	1	0.3	0	--
NICKEL	8	523.9	6	129.8
POTASSIUM	12	21731.7	11	13338.5
SELENIUM	1	37.2	0	--
SILVER	3	3.9	3	9.5
SODIUM	12	489866.7	11	415453.6
THALLIUM	2	57.6	1	49.3
VANADIUM	1	1.0	0	--
ZINC	5	1663.7	7	42.6
Dioxins and Furans (µg/L)				
TOXICITY EQUIVALENCY	5	1.8	0	--

Notes:

1. Comparisons of the average detected concentrations in wells sampled in both 2002/3 and 2009/10.
2. Post Closure well data for 2009/10 only available for Volatile Organic Compounds. PC Well data is not included in the other analyses.
3. NS - No Standard is available for this chemical.
4. NA - Not applicable.

Table 4-8
Statistical Summary - Common Sampling Locations from the 1997, 2002/3, and 2009/10 Groundwater Sampling Events[1,2]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Contaminant of Concern	Screening Value	Detection Frequency (%)			Frequency Screening Value Exceeded (%)			Maximum Concentration Detected (µg/L)			Average[4] (µg/L)		
	(µg/L)	1997	2002/3	2009/10	1997	2002/3	2009/10	1997	2002/3	2009/10	1997	2002/3	2009/10
1,1,1-Trichloroethane (1,1,1-TCA)	740	63	60	52	23	18	12	185,000	160,000	140,000	4,810	4,718	2,590
1,1,2-Trichloroethane (1,1,2-TCA)	0.62	5	19	15	5	19	14	16	96	21	0.4	3.5	1.0
1,1-Dichloroethane (1,1-DCA)	6.6	55	63	60	47	51	42	1,700	1,900	4,600	115	92	143
1,1-Dichloroethene (1,1-DCE)	20	60	58	58	41	40	34	42,000	40,000	22,000	1,235	1,618	711
Benzene	1.4	22	27	23	22	26	21	6,900	4,650	81	101	66	2.5
Chlorobenzene	41	27	63	60	18	18	12	23,000	6,100	3,500	532	196	132
Chloroform	0.71	3	36	21	1	36	21	9.0	61	23	0.1	3.1	1.1
Ethylbenzene	3	12	11	4	10	8	3	1,000	1,600	34	22	23	0.6
Trichloroethylene (TCE)	0.52	63	59	60	63	59	60	7,700	11,000	7,800	505	534	369
Vinyl Chloride	0.14	38	49	33	38	49	33	680	530	320	24	27	23
Xylenes (Total)	36	23	16	NA	11	7	NA	6,800	8,400	--	171	123	--
m,p-Xylenes	36	NA	NA	7	NA	NA	3	--	--	84	--	--	2.1
o-Xylenes	49	NA	NA	5	NA	NA	0	--	--	32	--	--	0.7

Notes:
1. Statistical data presented are for the 73 wells that were sampled during all three periods (see Table 4-9 for list of wells)
2. Duplicate groundwater samples were averaged prior to calculating statistical summaries.
3. 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table.
4. Samples with Non-detect analytical results were given a value of 0 µg/L when calculating the average.

Table 4-9
Groundwater Monitoring Wells Common for 1997, 2002/3, and 2009/10 Sampling Events[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

USEPA-SAMPLED MONITORING WELLS	CTDEEP-SAMPLED MONITORING WELLS
CRA-2D	MW-PC01D
CRA-6S	MW-PC02B
MW-101D	MW-PC02D
MW-101M	MW-PC02S
MW-101S	MW-PC03B
MW-102S	MW-PC03D
MW-104D	MW-PC03S
MW-104S	MW-PC04B
MW-110D	MW-PC04D
MW-110S	MW-PC04S
MW-111D	MW-PC05B
MW-111M	MW-PC05M
MW-112M	MW-PC05S
MW-201D	MW-PC06D
MW-203D	MW-PC06M
MW-208S	MW-PC06S
MW-209S	MW-PC07S
MW-211B	MW-PC08B
MW-211M	MW-PC08D
MW-211S	MW-PC08S
MW-212M	MW-PC09D
MW-212S	MW-PC09S
MW-213B	MW-PC10B
MW-213S	MW-PC10M
MW-214D	MW-PC10S
MW-214M	MW-PC11B
MW-214S	MW-PC11D
MW-215B	MW-PC11M
MW-217D	MW-PC11S
	MW-PC12B
	MW-PC12S
	MW-PC13B
	MW-PC13D
	MW-PC13S
	MW-PC14B
	MW-PC14D
	MW-PC14S
	MW-PC15B
	MW-PC15D
	MW-PC15S
	MW-PC16B
	MW-PC16D
	MW-PC16M
	MW-PC16S

Notes:

1. The 73 listed monitoring wells are the common sampling points for the 1997, 2002/3, and 2009/10 groundwater sampling events.

CTDEEP = Connecticut Department of Energy and Environmental Protection.

Table 4-10
2003 and 2009 Soil Gas Sampling Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-111SG	1/8/2003	4.4		23.8	U	59.5	U	13.6	U	10.7	U
MW-111SG*	1/8/2003	2.7		0.9	U	0.9	U	1.5	U	1.2	U
MW-111SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-202SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-202SG*	1/8/2003	10.9	U	1.0	U	1.0	U	8.2	U	1.3	U
MW-202SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-203SG	1/7/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-203SG*	1/7/2003	1.8		1.0	U	1.0	U	1.1	L	1.3	U
MW-203SG	Not Sampled 2009	-		-		-		-		-	
MW-213SG	1/7/2003	283.7		75.4		59.5	U	13.6	U	96.7	
MW-213SG*	1/7/2003	187.9		70.3		10.2		1.2	L	106.2	
MW-213SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-214SG	1/7/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-214SG*	1/7/2003	1.0	U	0.8	U	0.8	U	1.3	U	1.0	U
MW-214SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-215SG	1/9/2003	34.9		22.2		79.3	U	13.6	U	12.4	
MW-215SG*	1/9/2003	40.5		15.9		4.2		1.4	U	21.0	
MW-215SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-217SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-217SG*	1/9/2003	8.8		0.8	U	0.8	U	1.1	L	3.3	
MW-217SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-302SG	1/9/2003	349.2		75.4		79.3	U	13.6	U	59.1	
MW-302SG*	1/9/2003	-		248.7		18.4		6.8	U	161.8	
MW-302SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-507SG	1/7/2003	76.4		23.8	U	59.5	U	13.6	U	10.7	U
MW-507SG*	1/7/2003	34.4		4.0		0.8	U	2.0		1.5	
MW-507SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-508SG	1/8/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-508SG*	1/8/2003	2.6		0.9	U	0.9	U	1.6	U	1.2	U
MW-508SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U

Table 4-10
2003 and 2009 Soil Gas Sampling Analytical Results
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Raymark - OU2 - Groundwater
Stratford, Connecticut

Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-513SG	1/9/2003	4037		1075		91.2		40.7	U	725.5	
MW-513SG*	1/9/2003	3759		1154		97.5		88.2	U	811.5	
MW-513SG	10/28/2009	643.8		83.3		28.2		14.2		322.5	
MW-514SG	1/9/2003	3874		380.9		126.9		40.7	U	1010	
MW-514SG	1/9/2003 (dup)	3988		365.0		150.7		40.7	U	1161	
MW-514SG*	1/9/2003	3656		428.5		148.7		95.0	U	1301	
MW-514SG*	1/9/2003 (dup)	3388		408.6		142.0		101.7	U	1317	
MW-514SG	10/28/2009	4403		527.6		321.2		122.1		1800	
MW-515SG	1/7/2003	12.0		23.8	U	59.5	U	13.6	U	10.7	U
MW-515SG	1/7/2003 (dup)	11.5		23.8	U	59.5	U	13.6	U	10.7	U
MW-515SG*	1/7/2003	5.0		1.0	U	1.0	U	1.1	L	1.3	U
MW-515SG*	1/7/2003 (dup)	5.7		0.8	U	0.8	U	1.1	U	1.1	U
MW-515SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-517SG	1/9/2003	12931		4047		372.7		95.0		6234	
MW-517SG*	1/9/2003	14731		8649		1971		339.1	U	6772	
MW-517SG	Not Sampled 2009	-		-		-		-		-	
MW-518SG	1/9/2003	5123		2396		491.7		40.7	U	3311	
MW-518SG*	1/9/2003	4867		2995		582.9		64.4	U	3843	
MW-518SG	10/28/2009	2886		1976		2617		64.4		5229	
MW-519SG	1/9/2003	3066		1043		214.1		142.4		7094	
MW-519SG*	1/9/2003	2073		876.8		170.9		183.1	U	6234	
MW-519SG	10/28/2009	2357		678.4		218.1		359.5		8491	
MW-520SG	1/7/2003	19.6		23.8	U	59.5	U	13.6	U	10.7	U
MW-520SG*	1/7/2003	13.2		0.8	U	0.8	U	1.4	U	1.1	U
MW-520SG	10/28/2009	16.9		4.0	U	5.9	U	6.8	U	5.4	U
MW-523SGD	1/8/2003	19.6		23.8	U	79.3	U	13.6	U	30.1	
MW-523SGD*	1/8/2003	4.6	L	21.3		32.1		6.8	U	30.1	
(MW-523ASG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U

Table 4-10
2003 and 2009 Soil Gas Sampling Analytical Results
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Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-523SGM	1/8/2003	10.9		23.8	U	115.0		13.6	U	27.9	
MW-523SGM*	1/8/2003	6.8		35.5		29.6		6.8	U	33.1	
(MW-523MSG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-523SGS	1/8/2003	8.7	U	23.8	U	119.0	U	13.6	U	11.3	L
MW-523SGS*	1/8/2003	54.6	U	65.1		66.6		67.8	U	37.0	
(MW-523CSG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-525SG	1/8/2003	1462		626.8		59.5		13.6	U	354.7	
MW-525SG*	1/8/2003	1500		900.6		117.4		27.1	U	464.3	
MW-525SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-526SG	1/8/2003	158.2		51.6		79.3	U	13.6	U	64.5	
MW-526SGD	1/8/2003 (dup)	152.8		55.5		79.3	U	13.6	U	64.5	
MW-526SG*	1/8/2003	120.0		69.4		24.0		1.4	L	72.6	
MW-526SGD*	1/8/2003 (dup)	115.9		71.8		24.3		1.5		82.8	
(MW-526A SG)	10/27/2009	147.3		99.2		103.1		6.8	U	123.6	
(MW-526A[R]SG[4])	10/27/2009	141.9		99.2		87.2		6.8	U	134.4	
(MW-526A[R2]SG[4])	10/28/2009	158.2		99.2		99.1		6.8	U	129.0	
MW-526SGM	1/8/2003	114.6		23.8	U	79.3	U	13.6	U	31.2	
MW-526SGM*	1/8/2003	92.2		10.1		1.1		1.5		42.0	
(MW-526C SG)	10/27/2009	37.6		9.9		5.9	U	6.8	U	39.2	
MW-526SGS	1/8/2003	130.9		36.5		79.3	U	13.6	U	49.4	
(MW-526B SG)	10/27/2009	98.2		55.5		51.5		6.8	U	102.1	
MW-527SG	1/9/2003	441.9		702.2		420.3		8.8		193.5	
MW-527SG*	1/9/2003	331.7		912.5	E	551.2		13.6	U	194.5	
MW-527SG	10/28/2009	169.1		32.1		12.3		32.6		139.7	
MW-527SG	10/28/2009 (dup)	196.4		30.9		12.3		29.8		134.4	
MW-528SG	1/6/2003	7.6		23.8	U	59.5	U	13.6	U	10.7	U
MW-528SG*	1/6/2003	6.2		0.8	U	0.8	U	1.4	U	1.1	U
MW-528SG	Not Sampled 2009	-		-		-		-		-	

Table 4-10
2003 and 2009 Soil Gas Sampling Analytical Results
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Raymark - OU2 - Groundwater
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Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-529SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-529SG*	1/8/2003	1.1	U	0.8	U	0.8	U	1.4	U	1.1	U
MW-529SG	Not Sampled 2009	-		-		-		-		-	
MW-534SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-534SG*	1/9/2003	1.1	L	0.9	U	0.8	U	1.4	U	1.2	U
MW-534SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-535SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-535SG*	1/9/2003	2.5		0.9	U	0.8	U	1.9		1.6	
MW-535SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-536SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-536SG*	1/8/2003	1.3		0.8	U	0.8	U	1.3	U	1.1	U
MW-536SG	Not Sampled 2009	--		--		--		-		-	

Notes:

1. Screening criteria have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario.
2. Screening criteria for Tetrachloroethene have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario. Reference Concentrations (RfCs) and Unit Risk Factors (URFs) were obtained from EPA's IRIS database, updated Februray 2012.
3. * = Sample obtained by EPA utilizing deployed SUMMA canister with fixed laboratory analysis. All remaining samples collected in Tedlar bags and analyzed on-site by EPA mobile lab.
4. [R] & [R2] - Multiple samples were collected at MW-526D at the request of EPA to determine if inclement weather was affecting sample collection or analytical results.
5. Qualifier U = Concentration does not exceeded laboratory reporting limit.
6. Qualifier L = Estimated value is below the calibration range.
7. Shading indicates exceedence of applicable screening criteria.

Table 4-11
Statistical Summary - 2003 and 2009 Soil Gas Sampling Events - Mobile Laboratory Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Contaminant of Concern	Screening Value ($\mu g/m^3$)	Detection Frequency (%)		Frequency Screening Value Exceeded (%)		Maximum Concentration Detected ($\mu g/m^3$)		Average[4] ($\mu g/m^3$)	
		January 2003	October 2009	January 2003	October 2009	January 2003	October 2009	January 2003	October 2009
1,1,1-Trichloroethane (1,1,1-TCA)	5200	66.7	40.7	3.3	0.0	12,930	4,403	1,074	410
1,1-Dichloroethene (1,1-DCE)	210	40.0	37.0	23.3	11.1	4,046	1,976	351	136
cis-1,2-Dichloroethene (cis-1,2-DCE)	NA	26.7	33.3	NA	NA	492	2,617	63.4	131
Tetrachloroethene (PCE)	42	10.0	18.5	6.7	11.1	142	359	8.1	21.7
Trichloroethylene (TCE)	2.1	53.3	37.0	53.3	37.0	7,094	8,491	646	612

Notes:

1. Data summarized above are for samples collected from soil gas wells on January 6-9, 2003 and October 26-28, 2009. All samples were analyzed in the field by the EPA Mobile field laboratory.
2. Screening criteria have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario.
3. Screening criteria for Tetrachloroethene have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario. Reference Concentrations (RfCs) and Unit Risk Factors (URFs) were obtained from EPA's IRIS database, updated February 2012.
4. Statistical data presented are for all soil gas data obtained in 2003 (30 samples) and 2009 (27 samples). All locations sampled in 2009 were also sampled in 2003. Five soil gas sampling locations (MW-203SG, MW-517SG, MW-528SG, MW-529SG, and MW-536SG) were not sampled in 2009, but were included in the 2003 statistical summary calculations. Multiple samples were collected at one sampling location in 2009 at the request of EPA to determine if inclement weather was affecting sample collection or analytical results.
5. Duplicate soil gas samples were averaged prior to calculating statistical summaries.
6. Samples with Non-detect results were given a value of 0 ug/m^3 when calculating the average.

Table 6-1
2005 OU2 Groundwater Human Health Risk Assessment Results
Remedial Investigation Update
Raymark Industries, Inc. - OU2
Stratford, Connecticut

Chemicals of Potential Concern	Receptor	Reasonable Maximum Exposure (RME) Risk Estimates						
		ILCR	Risk Drivers				HI	Risk Drivers
			$>10^{-3}$	$>10^{-4}$	$>10^{-5}$	$>10^{-6}$		>1.0
Measured Indoor Air[1]								
1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane 1,1-Dichloroethene 1,2,4-Trimethylbenzene 1,2-Dibromoethane 1,2-Dichloroethane 1,3,5-Trimethylbenzene 1,3-Butadiene 1,4-Dichlorobenzene 4-Methyl-2-Pentanone Acetone Acrylonitrile	Resident (adult/child) (current/future)	4.8E-03	Trichloroethene	1,1,2,2-Tetrachloroethane 1,3-Butadiene Benzyl Chloride Methylene Chloride	1,1,2-Trichloroethane 1,2-Dibromoethane Benzene Bromodichloromethane Chloroform Dibromochloromethane Ethylbenzene Tetrachloroethene Tetrahydrofuran	1,2-Dichloroethane Acrylonitrile Carbon Tetrachloride Chloroethane Chloromethane Methyl tert-Butyl Ether Vinyl chloride	37	1,2,4-Trimethylbenzene 1,2-Dibromoethane 1,3,5-Trimethylbenzene 1,4-Dichlorobenzene Benzene Chloroform Total Xylenes Trichloroethene
Benzene Benzyl Chloride Bromodichloromethane Carbon Tetrachloride Chloroethane Chloroform Chloromethane cis-1,2-Dichloroethene Dibromochloromethane Dichlorodifluoromethane Ethylbenzene Hexane Methyl tert-Butyl Ether Methylene Chloride Tetrachloroethene Tetrahydrofuran Toluene Total Xylenes Trichloroethene Vinyl Acetate Vinyl Chloride	Industrial/ Commercial worker (adult) (current/future)	9.70E-04	None	1,1,2,2-Tetrachloroethane 1,3-Butadiene Trichloroethene	Benzyl Chloride Methylene Chloride 1,1,2-Trichloroethane 1,2-Dibromoethane	Benzene Bromodichloromethane Chloroform Dibromochloromethane Ethylbenzene Tetrachloroethene Tetrahydrofuran Carbon Tetrachloride Acrylonitrile	8.9	1,2,4-Trimethylbenzene 1,2-Dibromoethane 1,4-Dichlorobenzene Total Xylenes

Table 6-1
2005 OU2 Groundwater Human Health Risk Assessment Results
Remedial Investigation Update
Raymark Industries, Inc. - OU2
Stratford, Connecticut

Chemicals of Potential Concern	Receptor	Reasonable Maximum Exposure (RME) Risk Estimates						
		ILCR	Risk Drivers				HI	Risk Drivers
			$>10^{-3}$	$>10^{-4}$	$>10^{-5}$	$>10^{-6}$		>1.0
Indoor Air Modeled from Shallow Groundwater[2]								
1,1-Dichloroethene Trichloroethene Vinyl Chloride	Resident (adult/child) (current/future)	1.20E-02	Trichloroethene		Vinyl Chloride		12.2	Trichloroethene 1,1-Dichloroethene
	Industrial/ Commercial worker (adult) (current/future)	2.50E-03	Trichloroethene		Vinyl Chloride		2.9	Trichloroethene 1,1-Dichloroethene
Surface Water Modeled from Groundwater[3]								
1,1-Dichloroethene Arsenic Zinc	Recreational User (adult) (future)	6.8E-08	None	None	None	None	0.0008	None
	Recreational User (child) (future)	3.4E-08	None	None	None	None	0.0016	None

Notes:
1) Source: OU2 RI (TtNUS, 2005) Section 6.5. Results of Risk Calculations for Residents and Industrial Commercial Workers Exposed to indoor Air Sampling Data.
2) Source: OU2 RI (TtNUS, 2005) Section 6.6. Results of Risk Calculations for Residents and Industrial Commercial Workers Exposed to indoor Air Modeled from Shallow Groundwater Data.
3) Source: OU2 RI (TtNUS, 2005) Section 6.5. Results of Risk Calculations for Future Recreational Users (Wading in Ferry Creek) Exposed to Surface Water Modeled from Groundwater Data.

Table 6-2
2009/10 Modeled Indoor Air Risk Summary
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Scenario Timeframe: Current/Future
Medium: Shallow Groundwater
Exposure Medium: Indoor air
Exposure Point: Homes

Chemical of Potential Concern	Units	Maximum Detected Concentration Groundwater	Reasonable Maximum Exposure			Toxicity Values		Risk Results	
			Indoor Air Exposure Point Concentration			Reference Concentration	Inhalation Unit Risk	Hazard Quotient	Cancer Risk
			Value	Units	Rationale	mg/m^3	$(\mu g/m^3)^{-1}$		
1,1,1-Trichloroethane[1]	µg/L	2300	1170	$\mu g/m^3$	Modeled from Groundwater Maximum	5	NA	0.22	NA
1,1,2-Trichloroethane[2]	µg/L	2.5	0.0629	$\mu g/m^3$	Modeled from Groundwater Maximum	0.0002	1.6E-05	0.30	4.1E-07
1,1-Dichloroethane	µg/L	440	73.2	$\mu g/m^3$	Modeled from Groundwater Maximum	NA	1.6E-06	NA	4.8E-05
1,1-Dichloroethene[1]	µg/L	410	380	$\mu g/m^3$	Modeled from Groundwater Maximum	0.2	NA	1.8	NA
Benzene[2]	µg/L	81	14.2	$\mu g/m^3$	Modeled from Groundwater Maximum	0.03	7.8E-06	0.45	4.6E-05
Chlorobenzene[1]	µg/L	3500	329	$\mu g/m^3$	Modeled from Groundwater Maximum	0.05	NA	6.3	NA
Chloroform[1]	µg/L	21	2.8	$\mu g/m^3$	Modeled from Groundwater Maximum	0.098	2.3E-05	0.027	2.6E-05
Ethylbenzene[3]	µg/L	34	6.75	$\mu g/m^3$	Modeled from Groundwater Maximum	1	2.5E-06	0.0065	6.9E-06
m,p-Xylene[4]	µg/L	84	14.7	$\mu g/m^3$	Modeled from Groundwater Maximum	0.1	NA	0.14	NA
Trichloroethene[5]	µg/L	1300	385	$\mu g/m^3$	Modeled from Groundwater Maximum	0.002	4.1E-06	180	9.3E-04
Vinyl chloride[1]	µg/L	440	395	$\mu g/m^3$	Modeled from Groundwater Maximum	0.1	4.4E-06	3.8	2.5E-03
							totals	192.5	3.5E-03

1) COPC non-cancer target organ is the liver.
2) COPC non-cancer target organ is blood.
3) COPC non-cancer target organ is the developmental system.
4) COPC non-cancer target organ is the nervous system.
5) COPC non-cancer target organ is the immune system.

organ-specific HI liver	12.1
organ-specific HI blood	0.75
organ-specific HI developmental system	0.0065
organ-specific HI nervous system	0.14
organ-specific HI immune system	180

Table 6-2
2009/10 Modeled Indoor Air Risk Summary
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Scenario Timeframe: Current/Future
Medium: Shallow Groundwater
Exposure Medium: Indoor air
Exposure Point: Industrial/Commercial Properties

Chemical of Potential Concern	Units	Maximum Detected Concentration Groundwater	Reasonable Maximum Exposure			Toxicity Values		Risk Results	
			Indoor Air Exposure Point Concentration			Reference Concentration	Inhalation Unit Risk	Hazard Quotient	Cancer Risk
			Value	Units	Rationale	mg/m^3	(µg/m^3)$^{-1}$		
1,1,1-Trichloroethane[1]	µg/L	2300	1170	µg/m^3	Modeled from Groundwater Maximum	5	NA	0.054	NA
1,1,2-Trichloroethane[2]	µg/L	2.5	0.0629	µg/m^3	Modeled from Groundwater Maximum	0.0002	1.6E-05	0.072	8.2E-08
1,1-Dichloroethane	µg/L	440	73.2	µg/m^3	Modeled from Groundwater Maximum	NA	1.6E-06	NA	9.6E-06
1,1-Dichloroethene[1]	µg/L	410	380	µg/m^3	Modeled from Groundwater Maximum	0.2	NA	0.44	NA
Benzene[2]	µg/L	81	14.2	µg/m^3	Modeled from Groundwater Maximum	0.03	7.8E-06	0.11	9.1E-06
Chlorobenzene[1]	µg/L	3500	329	µg/m^3	Modeled from Groundwater Maximum	0.05	NA	1.5	NA
Chloroform[1]	µg/L	21	2.8	µg/m^3	Modeled from Groundwater Maximum	0.098	2.3E-05	0.0066	5.3E-06
Ethylbenzene[3]	µg/L	34	6.75	µg/m^3	Modeled from Groundwater Maximum	1	2.5E-06	0.0015	1.4E-06
m,p-Xylene[4]	µg/L	84	14.7	µg/m^3	Modeled from Groundwater Maximum	0.1	NA	0.034	NA
Trichloroethene[5]	µg/L	1300	385	µg/m^3	Modeled from Groundwater Maximum	0.002	4.1E-06	44	1.3E-04
Vinyl chloride[1]	µg/L	440	395	µg/m^3	Modeled from Groundwater Maximum	0.1	4.4E-06	0.91	1.4E-04
							totals	47.0	2.9E-04

1) COPC non-cancer target organ is the liver.
2) COPC non-cancer target organ is blood.
3) COPC non-cancer target organ is the developmental system.
4) COPC non-cancer target organ is the nervous system.
5) COPC non-cancer target organ is the immune system.

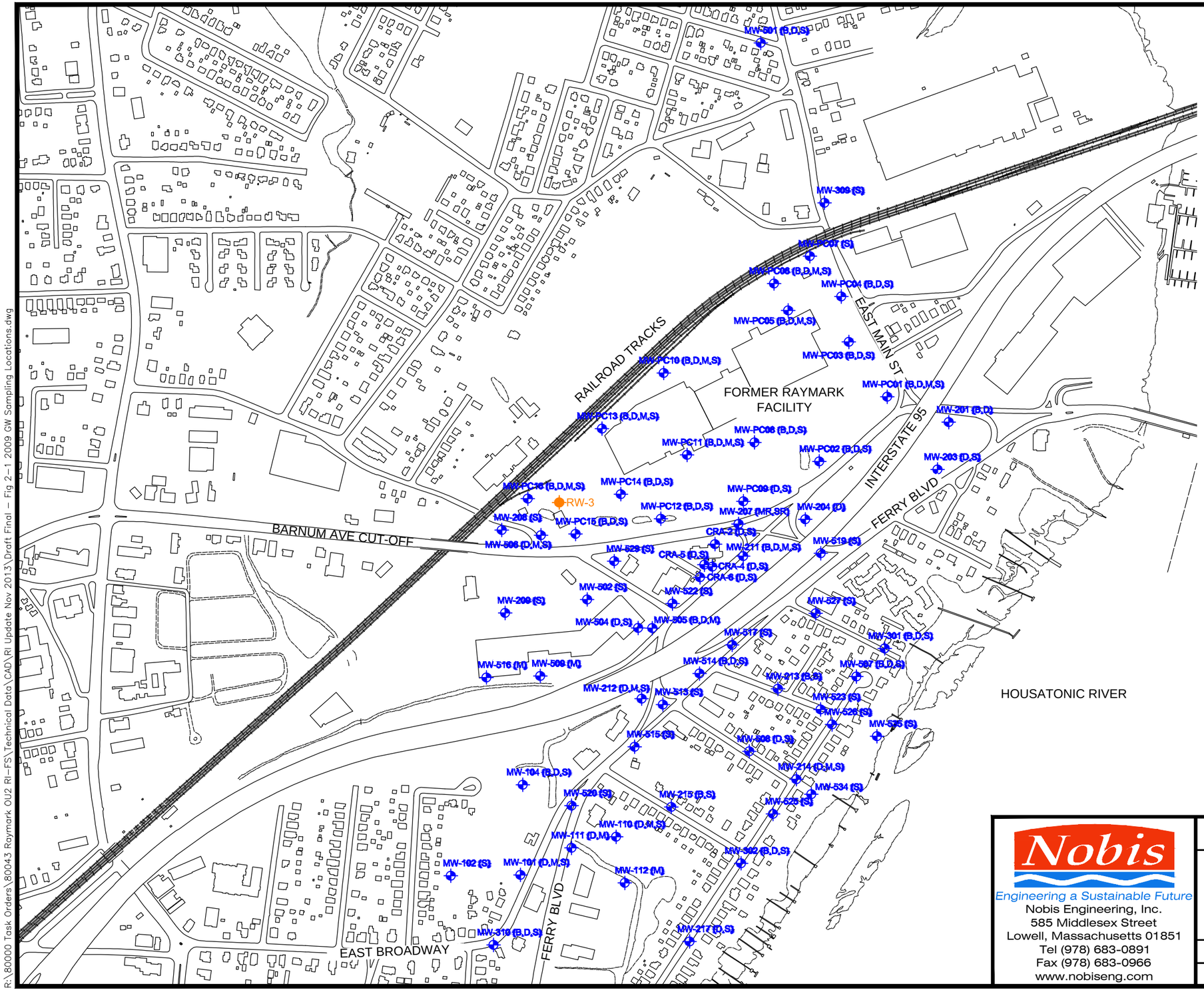
organ-specific HI liver	2.9
organ-specific HI blood	0.18
organ-specific HI developmental system	0.0015
organ-specific HI nervous system	0.034
organ-specific HI immune system	44

Table 6-3
Commercial Building Uses within the Industrial Indoor Air Area of Concern[1]
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Commercial Building Address[2]	Current Property Use	Current Area of Building (sq ft)	Building Details	Basement Area (sq ft)	Notes
150 Barnum Ave Cut-off	Retail	130,990	Walmart	Slab	
250 Barnum Ave Cut-off	Retail	63,226	Grocery Store	Slab	
350 Barnum Ave Cut-off	Retail	117,781	Home Depot	Slab	
301 Barnum Ave Cut-off	Industrial	7,232	Light Industrial, 1 story	Slab	
375 Barnum Ave Cut-off	Industrial	7,176	Warehouse, 1 story	Slab	
411 Barnum Ave Cut-off	Shopping Plaza	121,332	Retail Strip Ctr, 1 story	Slab	
			Health Club	Slab	
			Restaurant	Slab	
			Fast Food Reg	Slab	
			Movie Theater	Slab	
			Marshalls	Slab	
			Post office	Slab	
			Dental Office	Slab	
			Shoe Store	Slab	
			Gamestop	Slab	
			T-Mobile	Slab	
450 Barnum Ave Cut-off	Bank	unk.	Bank	unk.	
576 East Broadway	Ind Job Shop	2678	Light Industrial, 1 story	Slab	Upper Story not included in Building Area
635 East Broadway	Commercial	9275	Comm/Whse	unk.	
280 Ferry Blvd	Auto Repair	7500	Service Garage, 1 Story	unk.	
300 Ferry Blvd	Retail/Comm	10325	Retail/Comm	Slab	
326 Ferry Blvd	Rest/Club	6504	Restaurant	Slab	Upper Story not included in Building Area
335 Ferry Blvd	Office Bldg	9456	Office Bldg	2301	Finished Basement
336 Ferry Blvd	Gas/Mart	1344	Gas/Mart	Slab	
345 Ferry Blvd	Auto Repair	6594	Service Garage, 1 Story	Slab	
382 Ferry Blvd	Job Shop	1680	Office/Whse	Slab	
444 Ferry Blvd	Retail/Whse	8644	Retail/Whse	Slab	
500 Ferry Blvd	Office Bldg	1169	Old Style Off/Retail	725	Finished Basement
608 Ferry Blvd	Office Bldg	8240	Office Bldg	Slab	Over half the building is an elevated parking area
54 Veterans Blvd	Comm Whse	16084	Light Industrial, 1 story	Slab	
100 Veterans Blvd	Veterans Org.	5667	Club/Lodge	1173	Unfinished Basement

Notes:
[1] See Figure 6-3 Industrial Indoor Air Area of Concern based on 2009 sample results exceeding comparison levels for $1x10^{-6}$ Cancer Risk or Hazard Quotient of 1.0 .
[2] Commercial Buildings identified by light tan on Figures 6-1 through 6-3.

FIGURES



NOTES:

1. Base plan compiled from the following: Diversified Tech. Corp., North Haven, CT; Geod–Photogrammetric Sciences Survey Tech., Newfoundland, NJ; Deluca–Hoffman Assoc., Inc., S. Portland, ME; and CT–GIS.
2. All locations to be considered approximate.
3. Plan not to be used for design purposes.

LEGEND

MW–501(S)	MONITORING WELL
RW–3	RECOVERY WELL

GRAPHIC SCALE

0 250' 500' 1000'

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FIGURE 2–1

GROUNDWATER SAMPLING LOCATIONS COMMON FOR THE 2002/3 AND 2009/10 SAMPLING EVENTS

RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EJ	APPROVED BY:	JD
PROJECT:	80043.09		NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Draft Final – Fig 2–1 2009 GW Sampling Locations.dwg

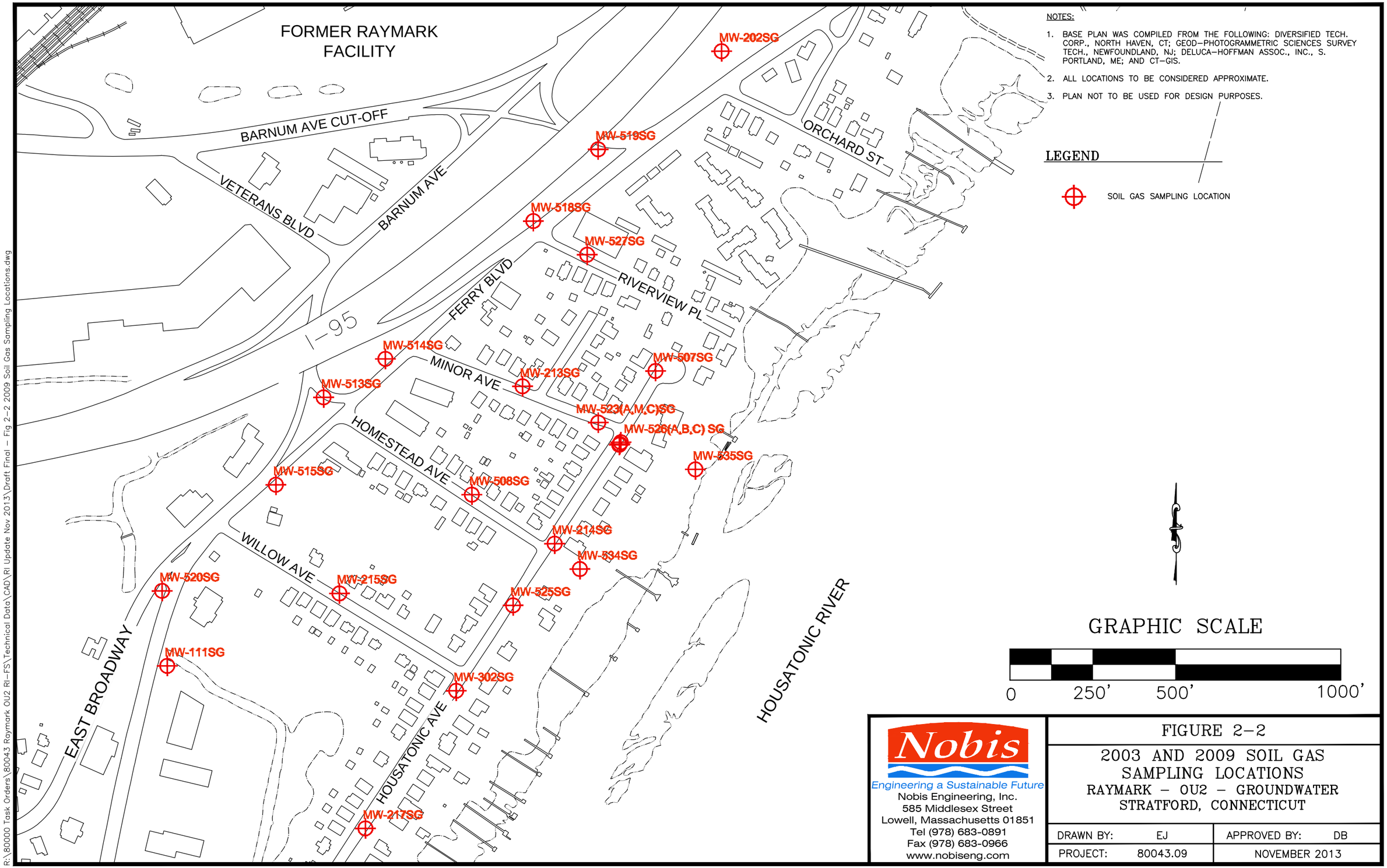

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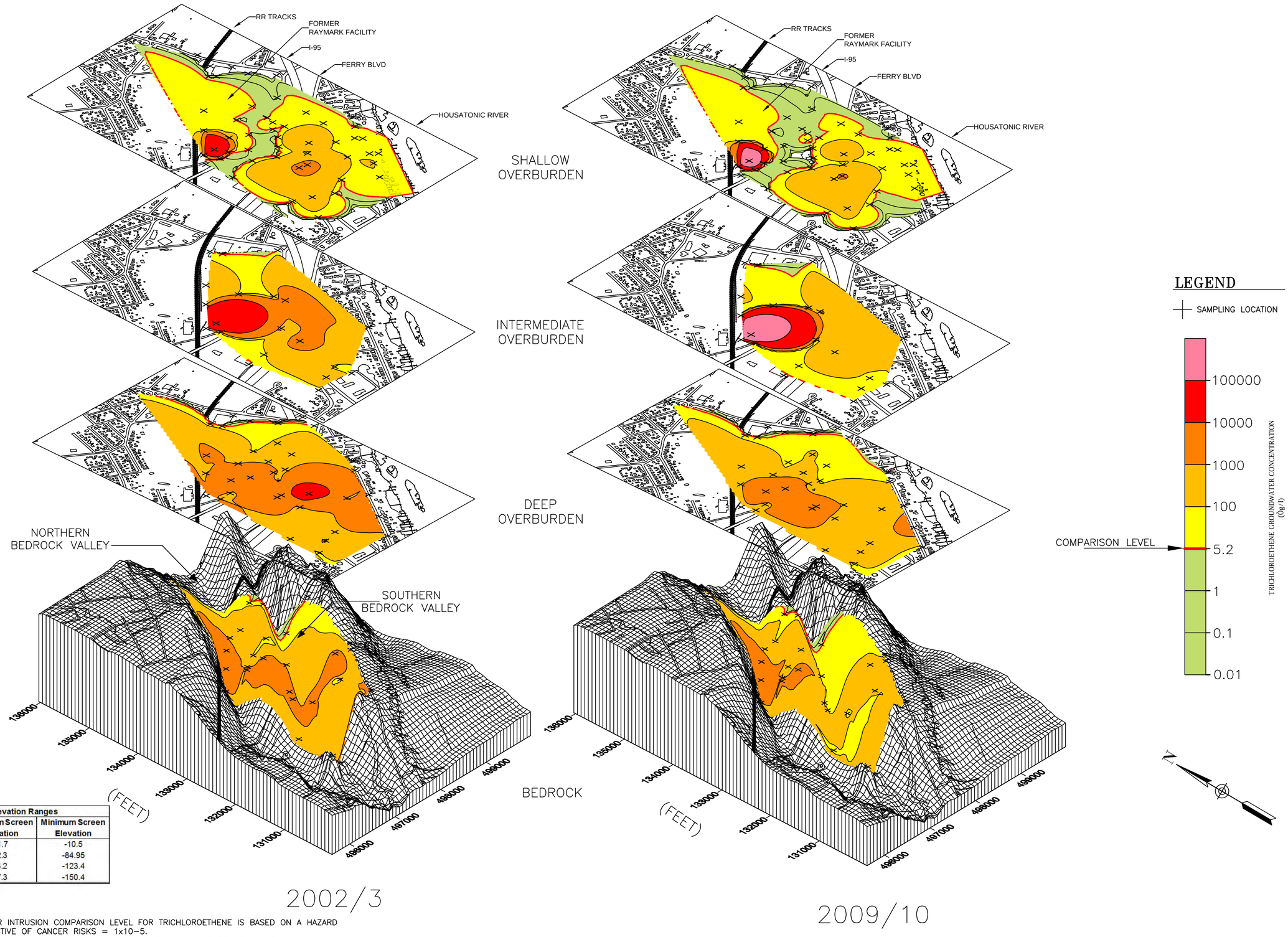
FIGURE 2-2

2003 AND 2009 SOIL GAS SAMPLING LOCATIONS
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EJ	APPROVED BY:	DB
PROJECT:	80043.09	NOVEMBER 2013	

R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\CAD\RI Update Nov 2013\Draft Final - Fig 2-2 2009 Soil Gas Sampling Locations.dwg



Monitoring Well Screen Elevation Ranges		
Well Depth Intervals	Maximum Screen Elevation	Minimum Screen Elevation
Shallow Overburden Wells	11.7	-10.5
Intermediate Overburden Wells	-2.3	-84.95
Deep Overburden Wells	-4.2	-123.4
Bedrock Wells	-7.3	-150.4

Note: RW-3 Screen Interval Not Included

NOTES:

1. RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVEL FOR TRICHLOROETHENE IS BASED ON A HAZARD QUOTIENT OF 1.0 AND IS PROTECTIVE OF CANCER RISKS = 1x10−5.
2. CONTAMINANT CONTOURS GENERATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE GENERATED USING INDICATED DATA AND THE NATURAL NEIGHBOR GRIDDING METHOD.
3. EXTENT OF CONTOUR MAPS ARE DEFINED BY SAMPLE LOCATIONS WHICH VARY WITH INTERVAL.
4. SHALLOW, INTERMEDIATE, DEEP AND BEDROCK LAYERS ARE DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
5. BEDROCK SAMPLES WERE OBTAINED FROM FRACTURES BELOW THE SURFACE OF THE BEDROCK. BEDROCK RESULTS ARE DEPICTED AT THE SURFACE OF THE BEDROCK FOR ILLUSTRATIVE PURPOSES ONLY.
6. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
7. PLAN NOT TO BE USED FOR DESIGN.
8. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD−PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA−HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT−GIS.
9. WIREFRAME MAP PROVIDES BEDROCK TOPOGRAPHY.
10. COORDINATE SYSTEM IS CONNECTICUT STATE PLANE GRID SYSTEM, FEET, NAD27

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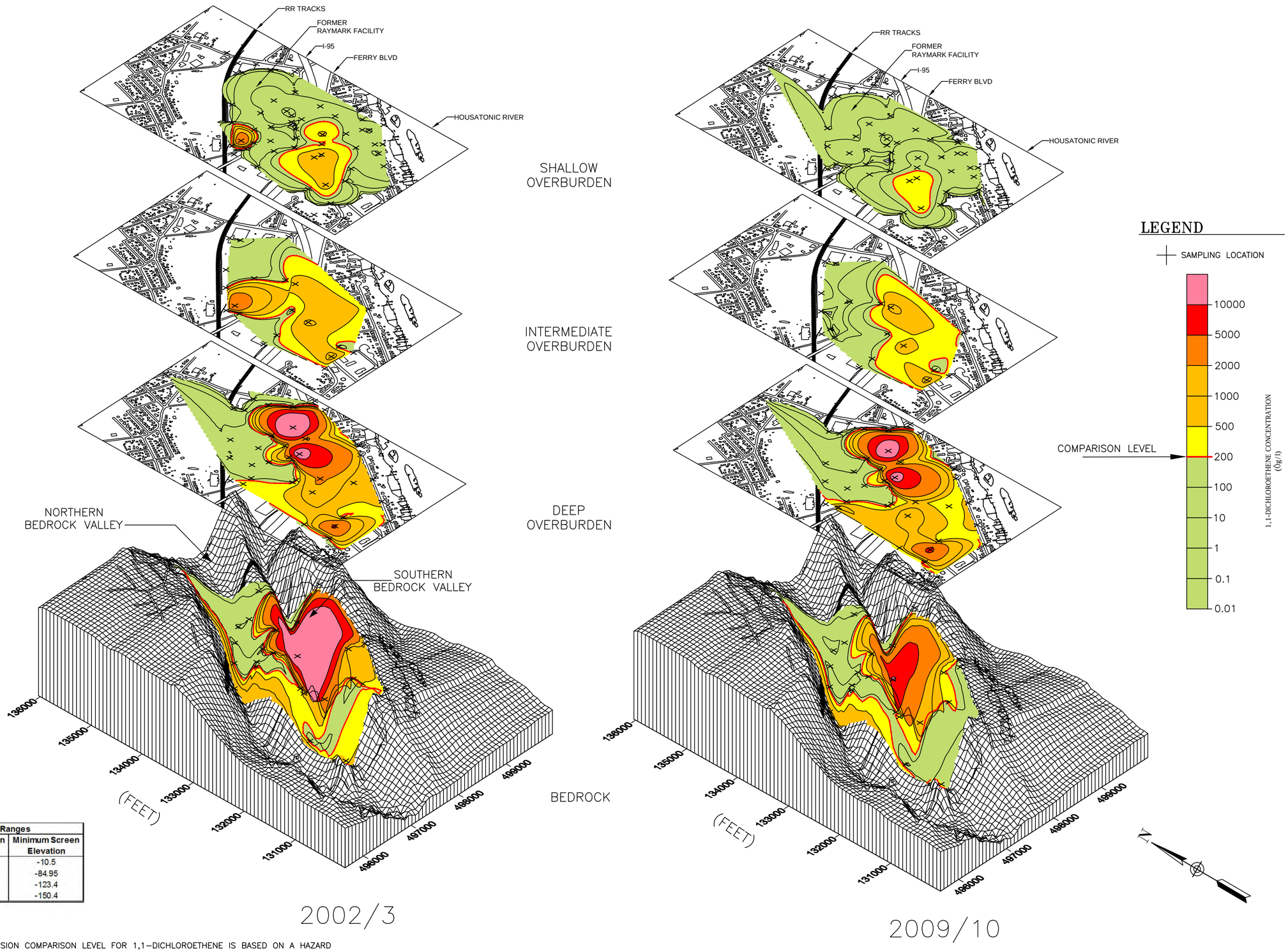
FIGURE 4−1

2002/3 AND 2009/10 TRICHLOROETHENE GROUNDWATER SAMPLING RESULTS
RAYMARK − OU2 − GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	JMH, EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 Re-FS\Technical Data\CAD\R Update Nov 2013\Fig 4-1 2003, 2009 TCE GW Plumes rev 05.11.12.dwg



Monitoring Well Screen Elevation Ranges		
Well Depth Intervals	Maximum Screen Elevation	Minimum Screen Elevation
Shallow Overburden Wells	11.7	-10.5
Intermediate Overburden Wells	-2.3	-84.95
Deep Overburden Wells	-4.2	-123.4
Bedrock Wells	-7.3	-150.4

Note: RW-3 Screen Interval Not Included

NOTES:

1. RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVEL FOR 1,1–DICHLOROETHENE IS BASED ON A HAZARD QUOTIENT OF 1.0.
2. CONTAMINANT CONTOURS GENERATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE GENERATED USING INDICATED DATA AND THE NATURAL NEIGHBOR GRIDDING METHOD.
3. EXTENT OF CONTOUR MAPS ARE DEFINED BY SAMPLE LOCATIONS WHICH VARY WITH INTERVAL.
4. SHALLOW, INTERMEDIATE, DEEP AND BEDROCK LAYERS ARE DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
5. BEDROCK SAMPLES WERE OBTAINED FROM FRACTURES BELOW THE SURFACE OF THE BEDROCK. BEDROCK RESULTS ARE DEPICTED AT THE SURFACE OF THE BEDROCK FOR ILLUSTRATIVE PURPOSES ONLY.
6. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
7. PLAN NOT TO BE USED FOR DESIGN.
8. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.
9. WIREFRAME MAP PROVIDES BEDROCK TOPOGRAPHY.
10. COORDINATE SYSTEM IS CONNECTICUT STATE PLANE GRID SYSTEM, FEET, NAD27

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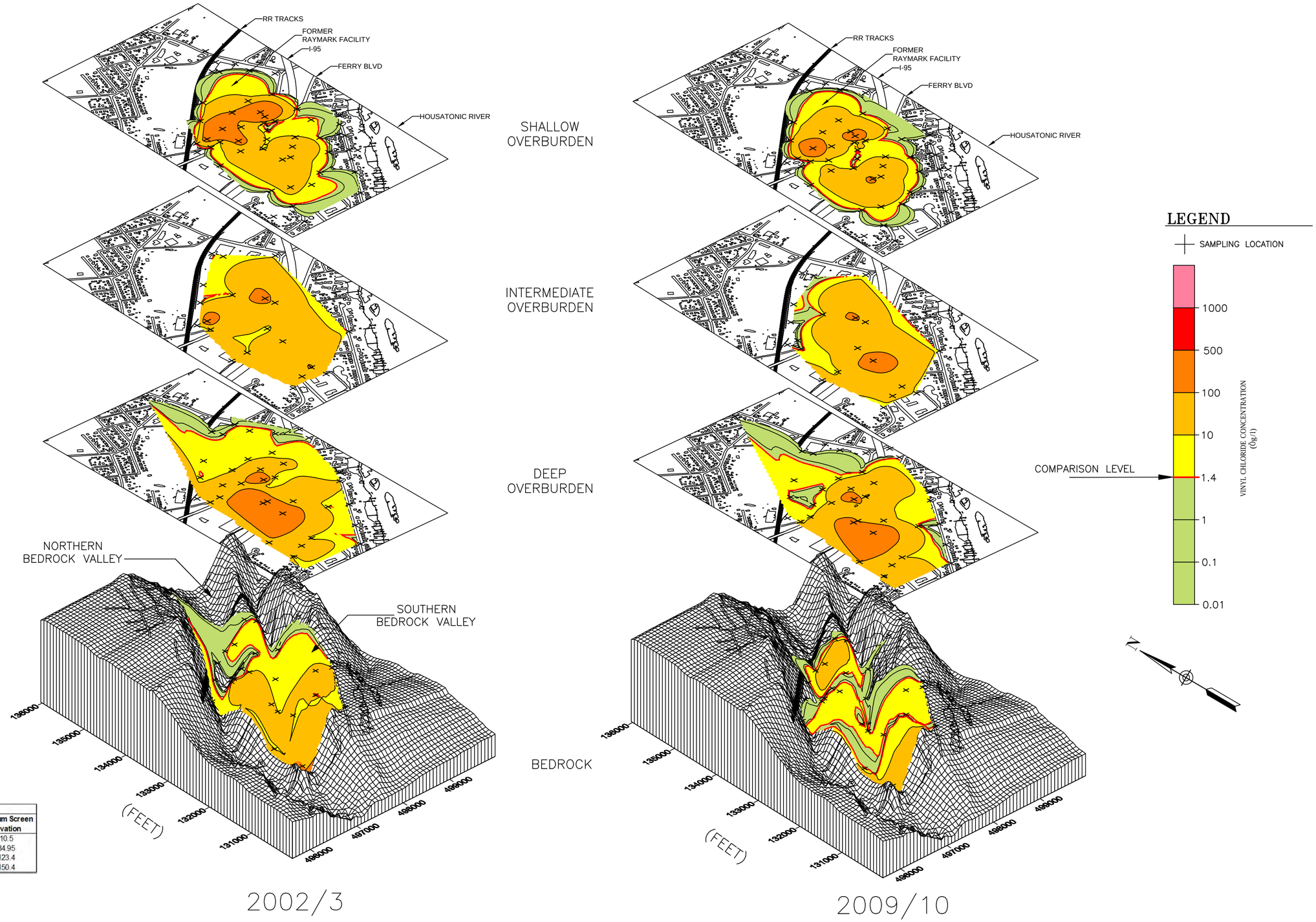
FIGURE 4–2

2002/3 AND 2009/10 1,1–DICHLOROETHENE GROUNDWATER SAMPLING RESULTS
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	JMH, EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 Rv-FS\Technical Data\CAD\IR Update Nov 2013\[Fig 4-2] 2003 1,1-DCE Plume Maps1.dwg



Monitoring Well Screen Elevation Ranges		
Well Depth Intervals	Maximum Screen Elevation	Minimum Screen Elevation
Shallow Overburden Wells	11.7	-10.5
Intermediate Overburden Wells	-2.3	-84.95
Deep Overburden Wells	-4.2	-123.4
Bedrock Wells	-7.3	-150.4

Note: RW-3 Screen Interval Not Included

NOTES:

1. RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVEL FOR VINYL CHLORIDE IS BASED ON A CANCER RISK LEVEL OF 1X10−5.
2. CONTAMINANT CONTOURS GENERATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE GENERATED USING INDICATED DATA AND THE NATURAL NEIGHBOR GRIDDING METHOD.
3. EXTENT OF CONTOUR MAPS ARE DEFINED BY SAMPLE LOCATIONS WHICH VARY WITH INTERVAL.
4. SHALLOW, INTERMEDIATE, DEEP AND BEDROCK LAYERS ARE DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION
5. BEDROCK SAMPLES WERE OBTAINED FROM FRACTURES BELOW THE SURFACE OF THE BEDROCK. BEDROCK RESULTS ARE DEPICTED AT THE SURFACE OF THE BEDROCK FOR ILLUSTRATIVE PURPOSES ONLY.
6. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
7. PLAN NOT TO BE USED FOR DESIGN.
8. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD−PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA−HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT−GIS.
9. WIREFRAME MAP PROVIDES BEDROCK TOPOGRAPHY.
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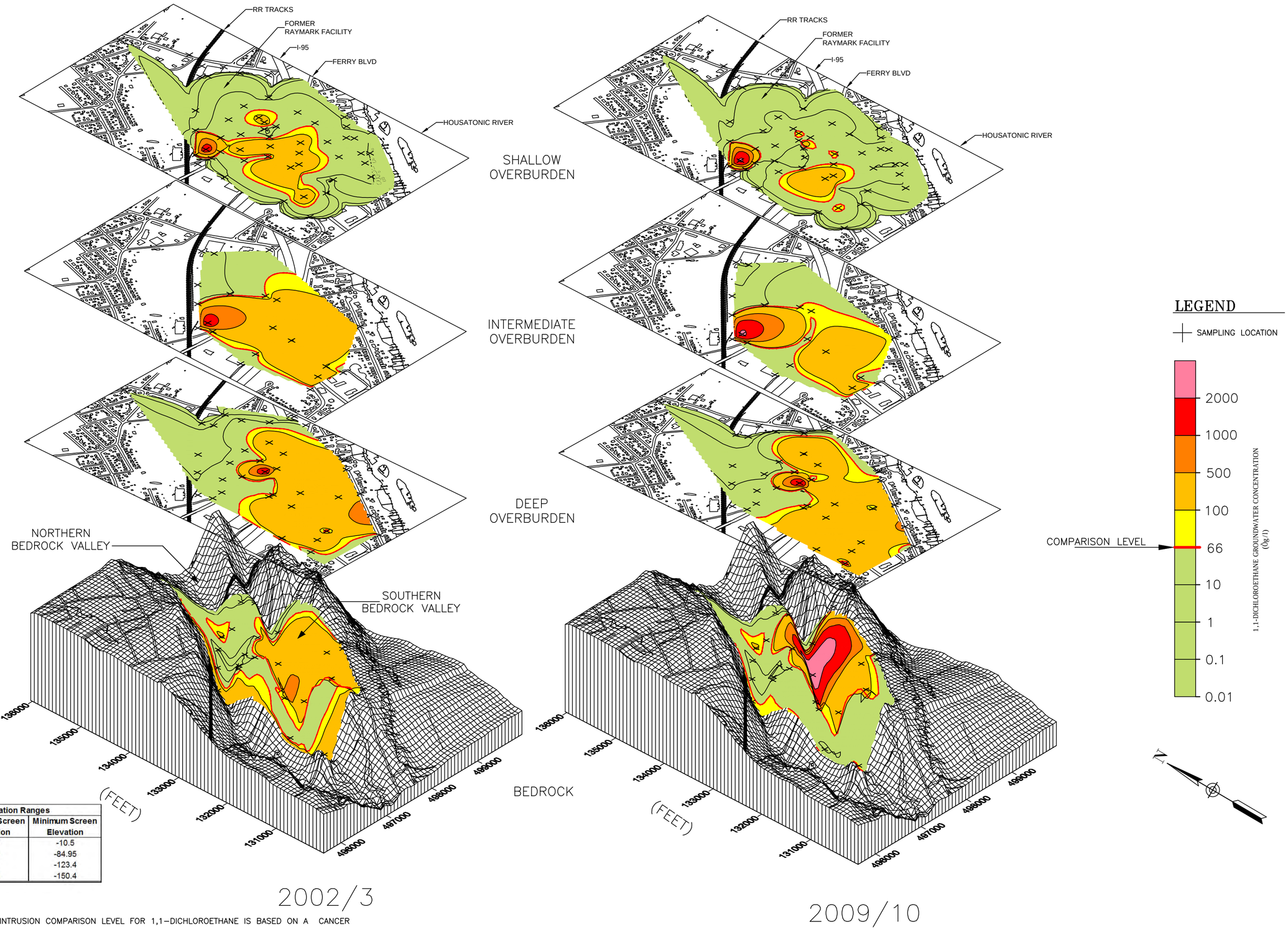
FIGURE 4−3

2002/3 AND 2009/10 VINYL CHLORIDE GROUNDWATER SAMPLING RESULTS
RAYMARK − OU2 − GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	JMH, EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 Ri+FS\Technical Data\CAD\R Update Nov 2013\Fig 4-3 2003, 2009 VC GW Plume Maps 04.25.12.dwg



Monitoring Well Screen Elevation Ranges		
Well Depth Intervals	Maximum Screen Elevation	Minimum Screen Elevation
Shallow Overburden Wells	11.7	-10.5
Intermediate Overburden Wells	-2.3	-84.95
Deep Overburden Wells	-4.2	-123.4
Bedrock Wells	-7.3	-150.4

Note: RW-3 Screen Interval Not Included

NOTES:

1. RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVEL FOR 1,1–DICHLOROETHANE IS BASED ON A CANCER RISK LEVEL OF 1x10–5.
2. CONTAMINANT CONTOURS GENERATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE GENERATED USING INDICATED DATA AND THE NATURAL NEIGHBOR GRIDDING METHOD.
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8. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.
9. WIREFRAME MAP PROVIDES BEDROCK TOPOGRAPHY.
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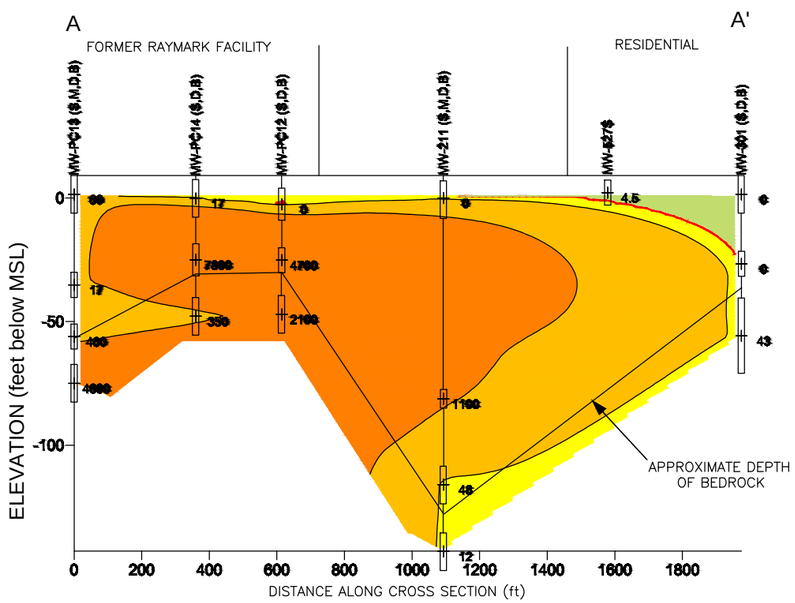
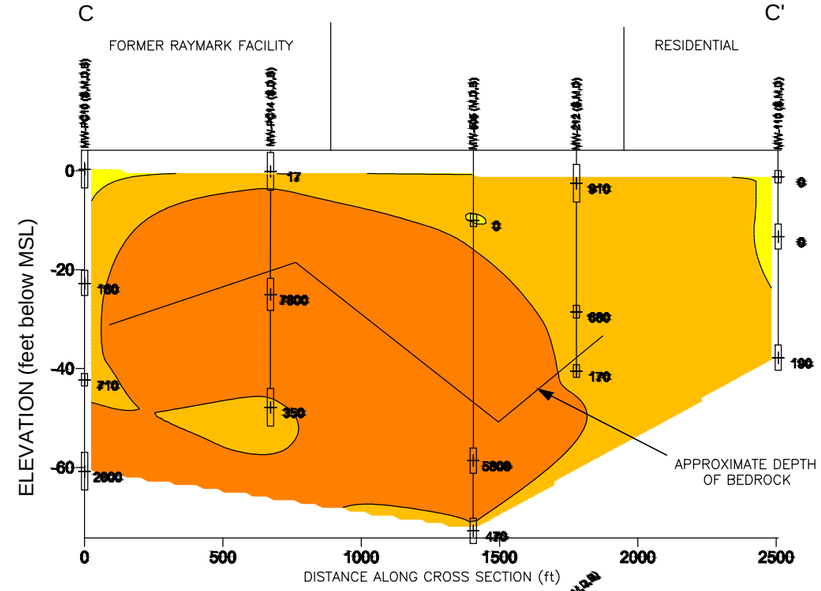
FIGURE 4–4

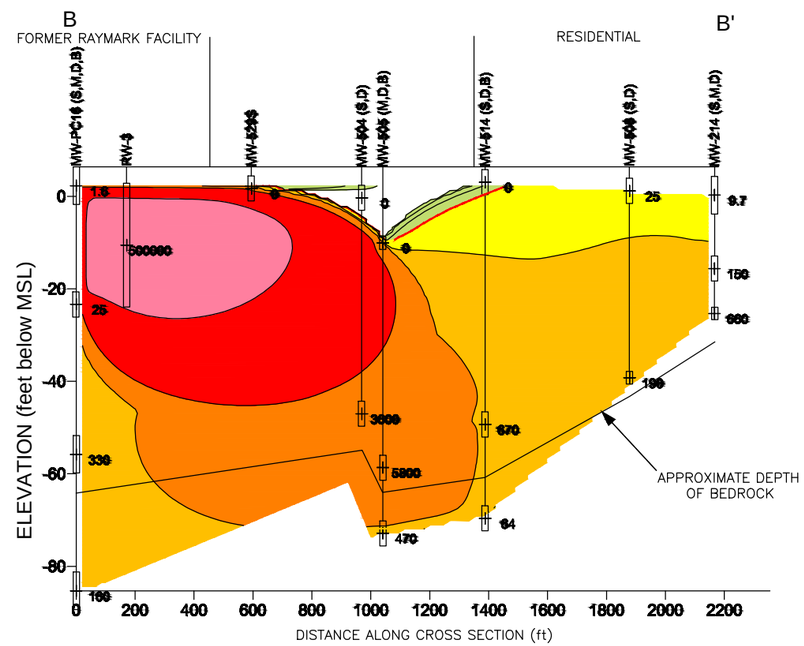
2002/3 AND 2009/10 1,1–DICHLOROETHANE GROUNDWATER SAMPLING RESULTS
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

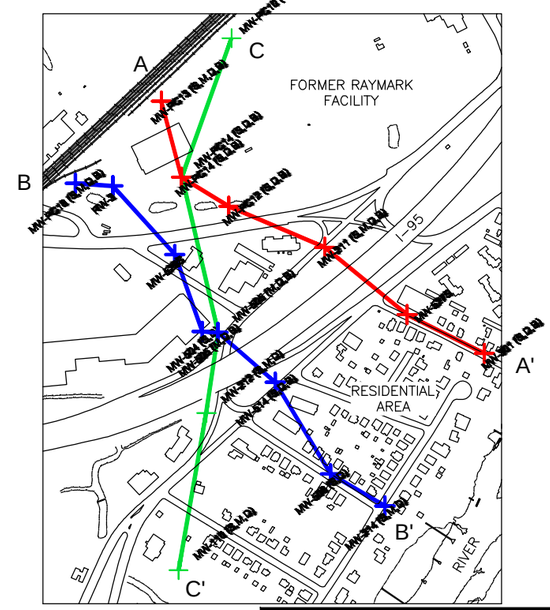
DRAWN BY:	EJ	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	NOVEMBER 2013

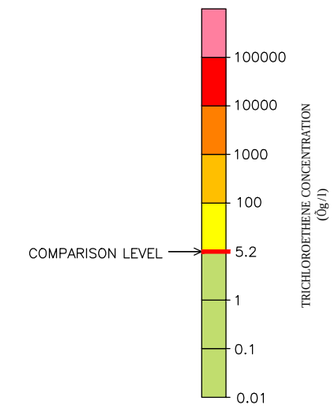
R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\CAD\IR Update Nov 2013\[Fig 4-4] 2003, 2009 1,1DCA GW Plumes 04.26.12.dwg











LEGEND

- Cross Section A – A'
- Cross Section B – B'
- Cross Section C – C'

NOTES:

1. RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVEL FOR TRICHLOROETHENE IS BASED ON A HAZARD QUOTIENT OF 1.0 AND IS PROTECTIVE OF CANCER RISKS = 1x10–5.
2. CONTAMINANT CONTOURS GENERATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE GENERATED USING INDICATED DATA AND THE NATURAL NEIGHBOR GRIDDING METHOD.
3. MSL = MEAN SEA LEVEL
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.

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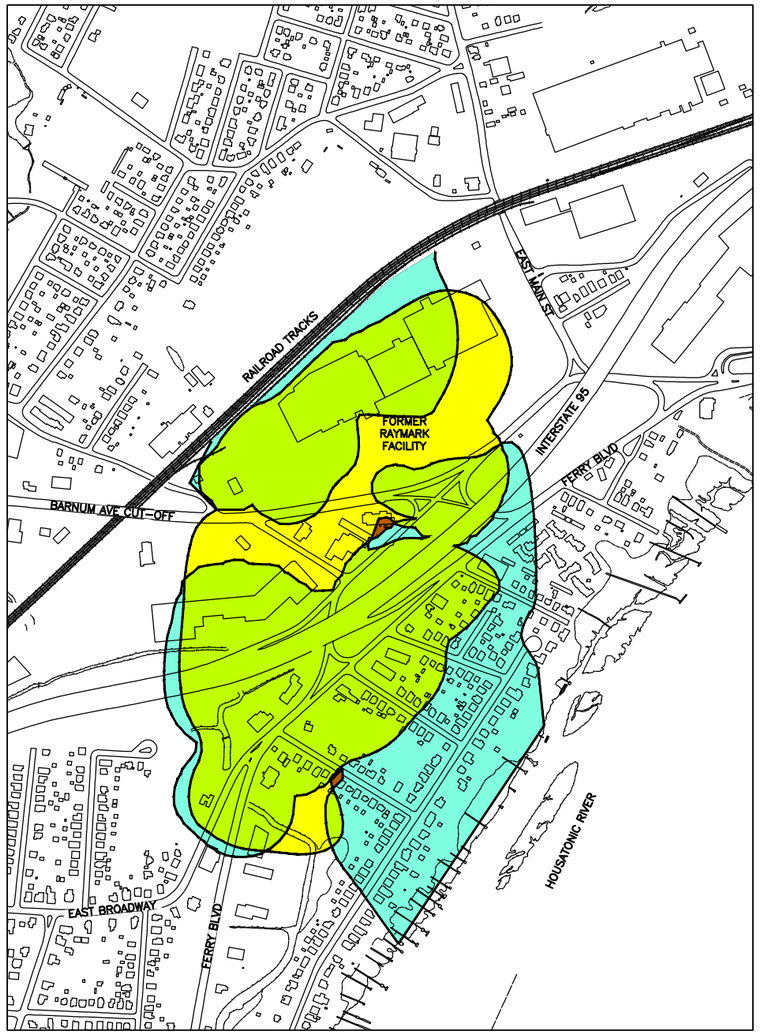
FIGURE 4–5

SITE CROSS SECTIONS OF 2009/10
TRICHLOROETHENE SAMPLING RESULTS
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

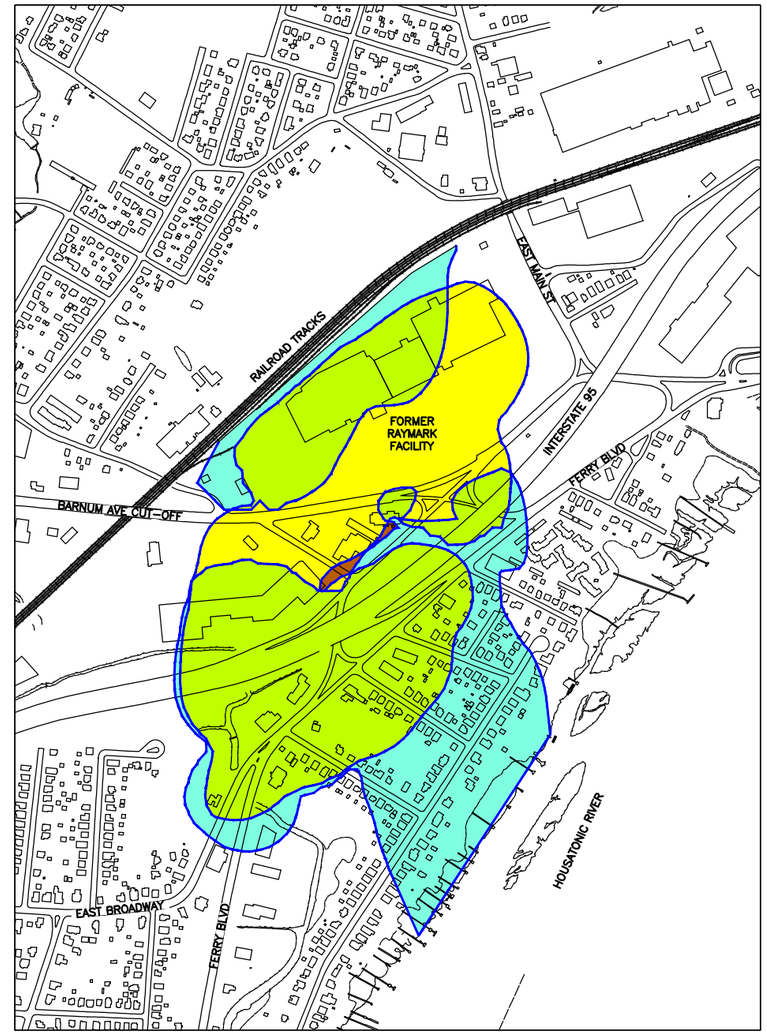
DRAWN BY:	EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE: NOVEMBER 2013	

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Figure 2009 TCE Groundwater Cross Sections rev 04_25_2012.dwg

2002/3 RESIDENTIAL INDOOR AIR AREA OF CONCERN



2009/10 RESIDENTIAL INDOOR AIR AREA OF CONCERN



LEGEND

- EXTENT OF VINYL CHLORIDE CONTAMINATION EXCEEDING THE RESIDENTIAL VAPOR INTRUSION COMPARISON LEVEL OF 1.4 ug/L
- EXTENT OF TRICHLOROETHENE CONTAMINATION EXCEEDING THE RESIDENTIAL VAPOR INTRUSION COMPARISON LEVEL OF 5.2 ug/L
- AREAS WHERE VINYL CHLORIDE AND TRICHLOROETHENE BOTH EXCEED THE VAPOR INTRUSION COMPARISON LEVELS
- AREA WITH NO EXCEEDANCES OF THE GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS

GRAPHIC SCALE

0 500' 1000' 2000'

NOTES:

1. RESIDENTIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10-5 CANCER RISK FOR TRICHLOROETHENE (5.2 ug/L) AND VINYL CHLORIDE (1.4 ug/L).
2. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. PLAN NOT TO BE USED FOR DESIGN.
6. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD-PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA-HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT-GIS.

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FIGURE 4-6

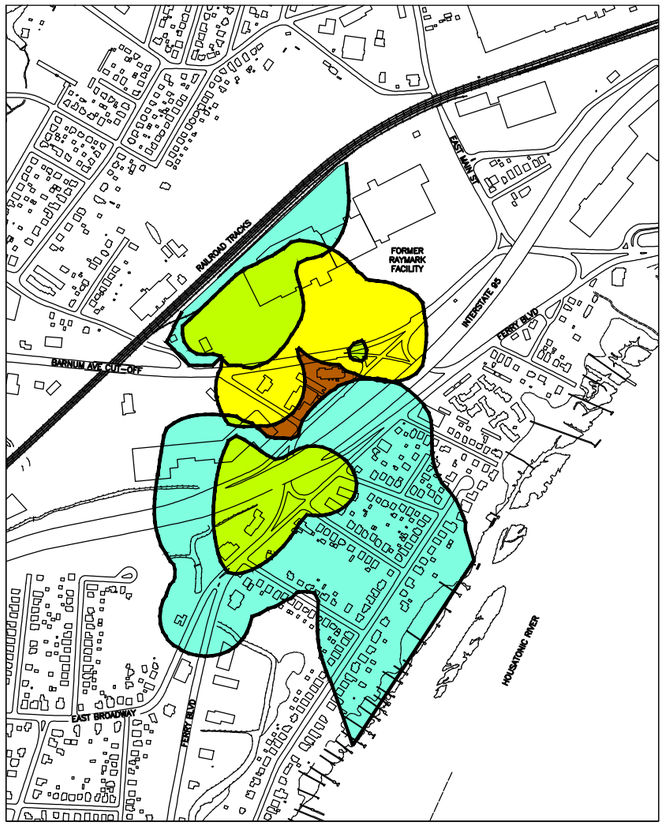
2002/3 AND 2009/10 RESIDENTIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE AND VINYL CHLORIDE

RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

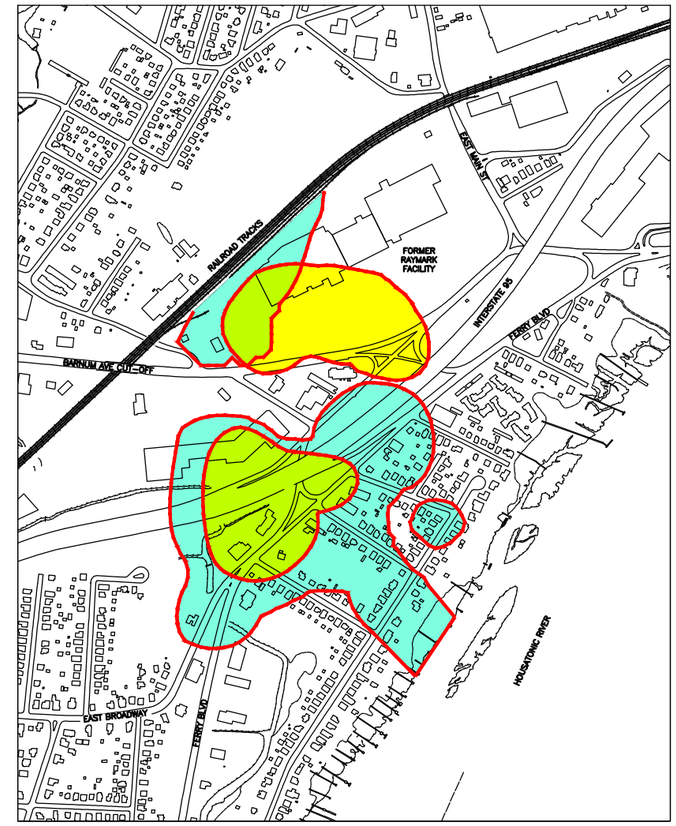
DRAWN BY:	JH, EHJ	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	DECEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\CAD\RI Update Nov 2013\Fig 4-6 Residential Stds Indoor Air AoC TCE and VC [05-16-12].dwg

2002/3 INDUSTRIAL WORKERS INDOOR AIR AREA OF CONCERN



2009/10 INDUSTRIAL WORKERS INDOOR AIR AREA OF CONCERN



LEGEND

- EXTENT OF VINYL CHLORIDE CONTAMINATION EXCEEDING THE INDUSTRIAL WORKERS VAPOR INTRUSION COMPARISON LEVEL OF 25 ug/L
- EXTENT OF TRICHLOROETHENE CONTAMINATION EXCEEDING THE INDUSTRIAL WORKERS VAPOR INTRUSION COMPARISON LEVEL OF 22 ug/L
- AREAS WHERE VINYL CHLORIDE AND TRICHLOROETHENE BOTH EXCEED THE VAPOR INTRUSION COMPARISON LEVELS
- AREA WITH NO EXCEEDANCES OF THE GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS

GRAPHIC SCALE

0 500' 1000' 2000'

NOTES:

1. INDUSTRIAL/COMMERCIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF INDUSTRIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10–5 CANCER RISK FOR TRICHLOROETHENE (22 ug/L), OR VINYL CHLORIDE (25 ug/L).
2. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. PLAN NOT TO BE USED FOR DESIGN.
6. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.

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FIGURE 4–7

2002/3 AND 2009/10 INDUSTRIAL/COMMERCIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE AND VINYL CHLORIDE

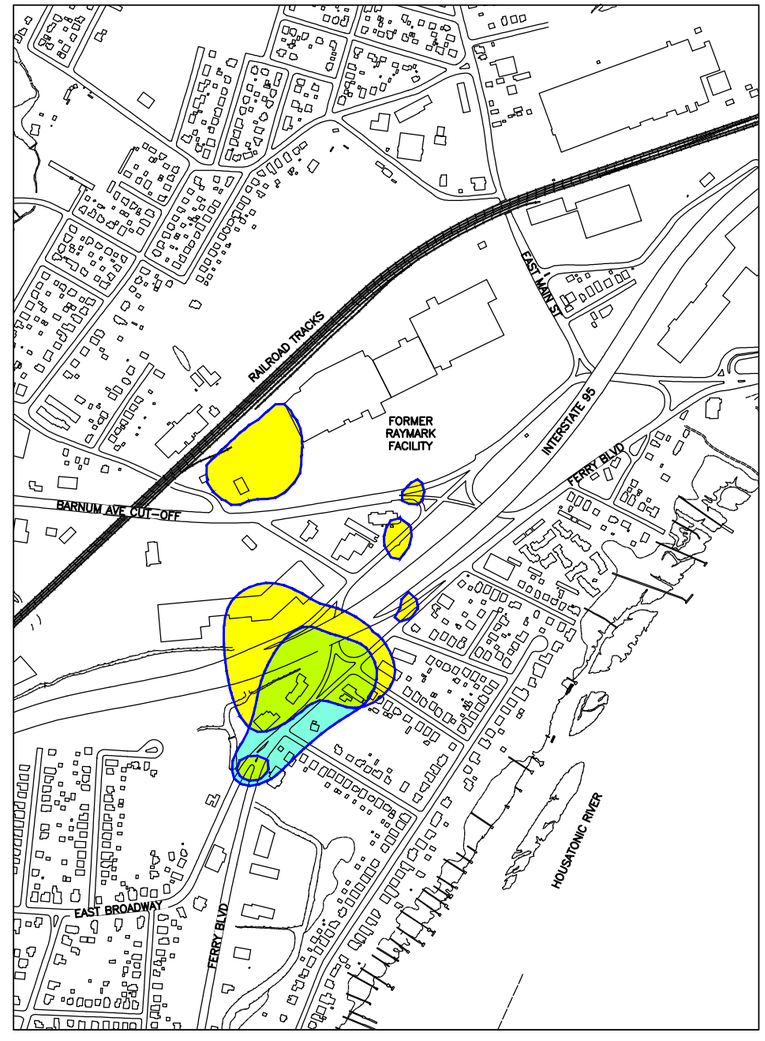
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EHJ, JH	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Fig 4–7 Indus Stds Indoor Air AoC TCE and VC 04_26_2012.dwg

2002/3 RESIDENTIAL INDOOR AIR AREA OF CONCERN

2009/10 RESIDENTIAL INDOOR AIR AREA OF CONCERN



LEGEND

- EXTENT OF 1,1–DICHLOROETHANE CONTAMINATION EXCEEDING THE RESIDENTIAL VAPOR INTRUSION COMPARISON LEVEL OF 66 ug/L
- EXTENT OF 1,1–DICHLOROETHENE CONTAMINATION EXCEEDING THE RESIDENTIAL VAPOR INTRUSION COMPARISON LEVEL OF 200 ug/L
- AREAS WHERE 1,1–DICHLOROETHANE AND 1,1–DICHLOROETHENE BOTH EXCEED COMPARISON LEVELS

GRAPHIC SCALE

0 500' 1000' 2000'

NOTES:

1. RESIDENTIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10–5 CANCER RISK FOR 1,1–DICHLOROETHANE (66 ug/L) AND 1,1–DICHLOROETHENE (200 ug/L).
2. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. PLAN NOT TO BE USED FOR DESIGN.
6. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.

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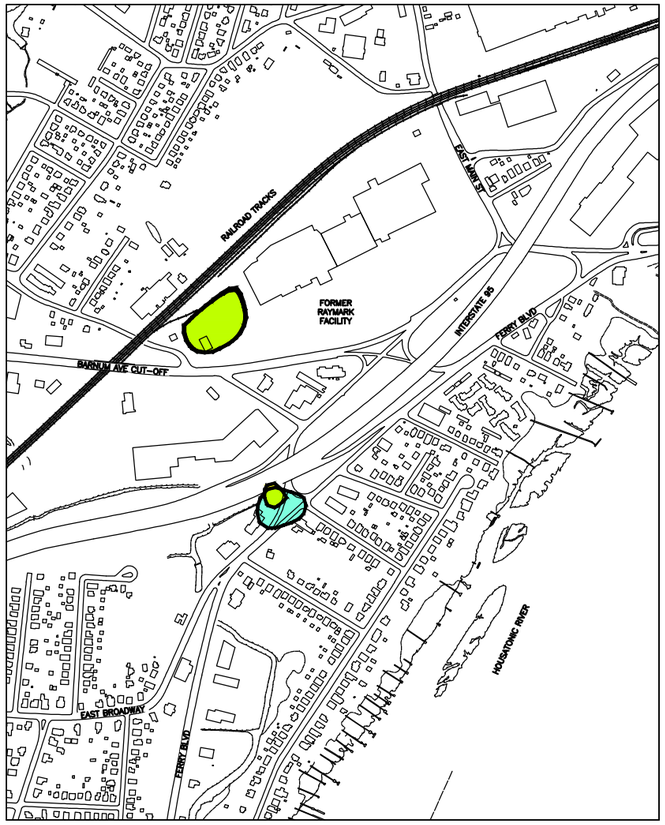
FIGURE 4–8

2002/3 AND 2009/10 RESIDENTIAL INDOOR AIR AREAS OF CONCERN FOR 1,1–DICHLOROETHANE AND 1,1–DICHLOROETHENE
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

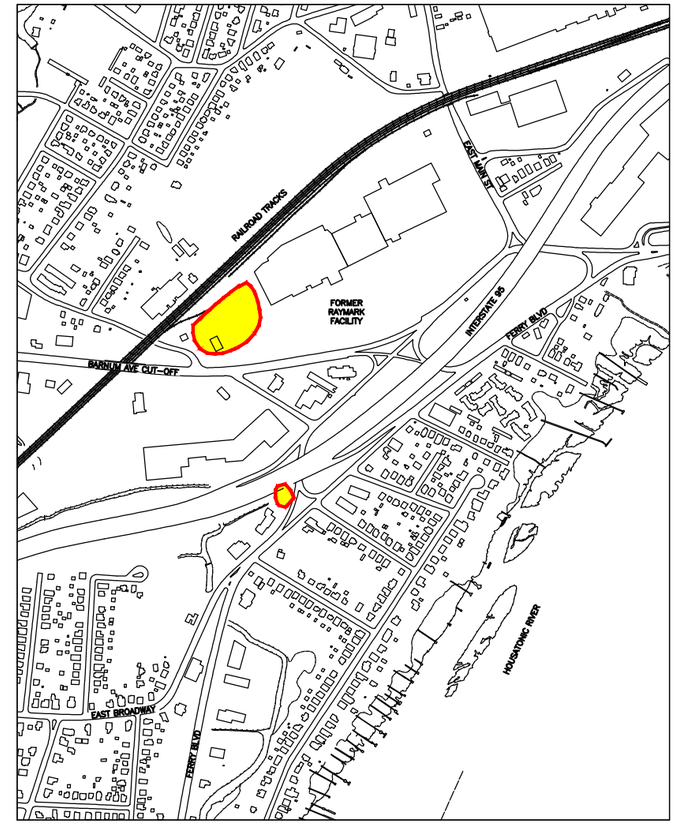
DRAWN BY:	JH, EHJ	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Fig 4–8 Residential Stds Indoor Air AoC 11DCA and 11DCE [05–16–12].dwg

2002/3 INDUSTRIAL WORKERS INDOOR AIR AREA OF CONCERN



2009/10 INDUSTRIAL WORKERS INDOOR AIR AREA OF CONCERN



LEGEND

- EXTENT OF 1,1–DICHLOROETHANE CONTAMINATION EXCEEDING THE INDUSTRIAL WORKERS VAPOR INTRUSION COMPARISON LEVEL OF 330 ug/L
- EXTENT OF 1,1–DICHLOROETHENE CONTAMINATION EXCEEDING THE INDUSTRIAL WORKERS VAPOR INTRUSION COMPARISON LEVEL OF 820 ug/L (NO CONCENTRATIONS EXCEEDED THE COMPARISON LEVEL IN 2009)
- AREAS WHERE 1,1–DICHLOROETHANE AND 1,1–DICHLOROETHENE BOTH EXCEED COMPARISON LEVELS

GRAPHIC SCALE

0 500' 1000' 2000'

NOTES:

1. INDUSTRIAL/COMMERCIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF INDUSTRIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10–5 CANCER RISK FOR 1,1–DICHLOROETHANE (330 ug/L) AND 1,1–DICHLOROETHENE (820 ug/L).
2. 1,1–DICHLOROETHENE IS NOT A CONCERN FOR INDUSTRIAL/COMMERCIAL WORKER SCENARIOS BASED ON 2009/10 SAMPLING DATA. 1,1–DICHLOROETHENE WAS A CONTAMINANT OF CONCERN IN THE 2005 REMEDIAL INVESTIGATION REPORT BASED ON GROUNDWATER SAMPLING DATA OBTAINED IN 2002/3, AND IS INCLUDED IN THE 2002/3 AREAS OF CONCERN.
3. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
4. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
5. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
6. PLAN NOT TO BE USED FOR DESIGN.
7. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.

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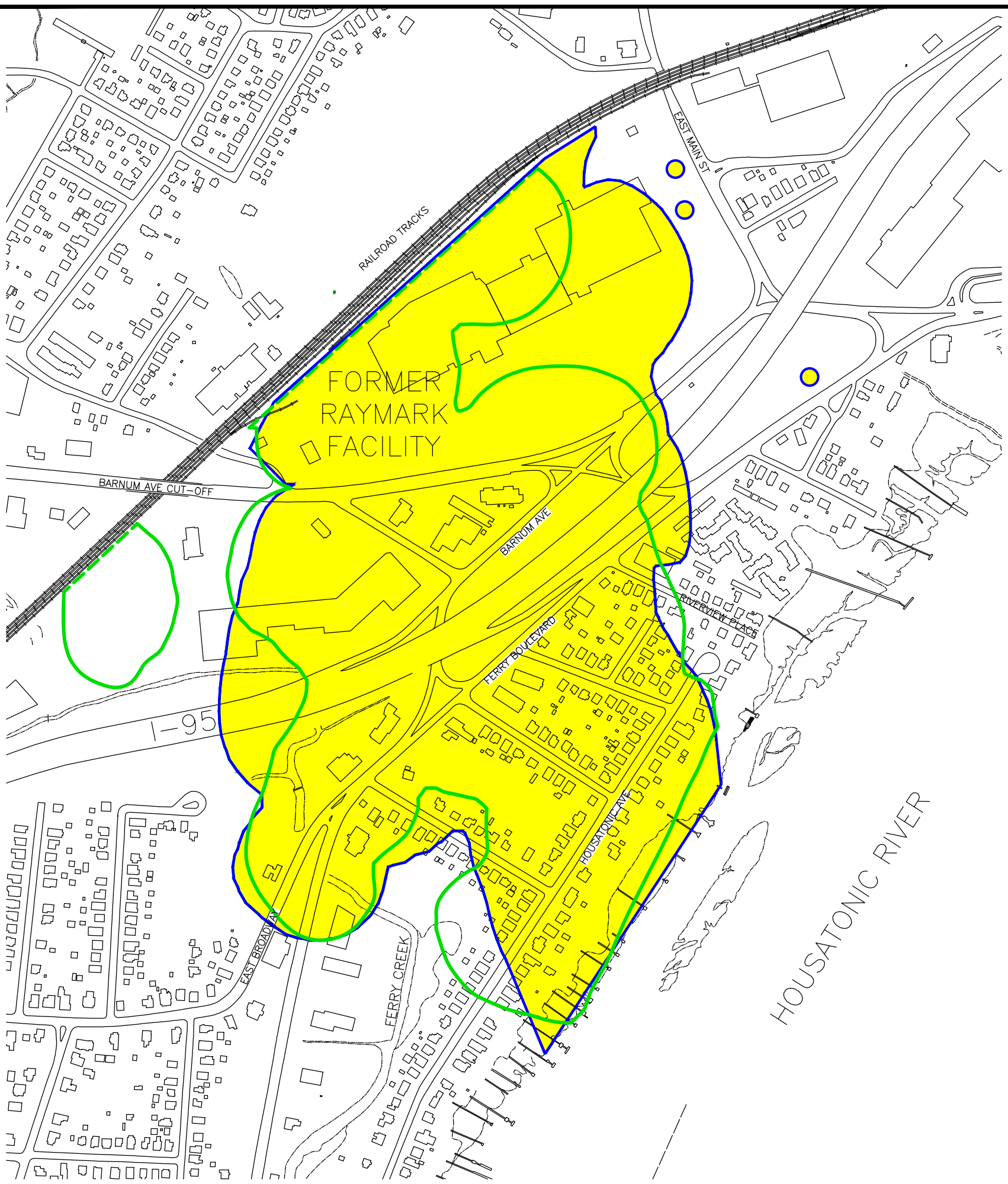
FIGURE 4–9

2002/3 AND 2009/10 INDUSTRIAL/COMMERCIAL INDOOR AIR AREAS OF CONCERN FOR 1,1–DICHLOROETHANE AND 1,1–DICHLOROETHENE
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EHJ, JH	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Fig 4–9 Indus Stds Indoor Air AoC 11DCA and 11DCE 04_26_2012.dwg



NOTES:

1. RESIDENTIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF RESIDENTIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10-5 CANCER RISK FOR 1,1-DICHLOROETHANE (66 ug/L), TRICHLOROETHENE (5.2 ug/L), 1,1-DICHLOROETHENE (200 ug/L), BENZENE (14 ug/L), VINYL CHLORIDE (1.4 ug/L), CHLOROBENZENE (410 ug/L), ETHYLBENZENE (30 ug/L), OR CHLOROFORM (7.1 ug/L).
2. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. PLAN NOT TO BE USED FOR DESIGN.
6. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD-PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA-HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT-GIS.

LEGEND

2005 EXTENT OF RESIDENTIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE BASED ON 27 ug/L = PROPOSED TRICHLOROETHENE CONNECTICUT RESIDENTIAL VOLATILIZATION CRITERION (FROM 2005 REMEDIAL INVESTIGATION REPORT FIGURE 4-20).

MODELED AREA OF CONCERN HAS BEEN MODIFIED FROM THAT PRESENTED IN THE 2005 REMEDIAL INVESTIGATION. AREAS HYDRAULICALLY UPGRADIENT FROM THE OU-1 SOURCE AREA HAVE NOT BEEN INCLUDED WITHIN THE AREA OF CONCERN.

2009/10 CUMULATIVE EXTENT OF RESIDENTIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE, 1,1-DICHLOROETHANE, 1,1-DICHLORETHENE, VINYL CHLORIDE, BENZENE, CHLOROBENZENE, ETHYLBENZENE, AND CHLOROFORM BASED ON CANCER RISK OF 1 X 10^{-5} AND HAZARD QUOTIENT OF 1.0, ILLUSTRATED IN FIGURES 4-6, 4-8, AND 6-2 OF THIS REMEDIAL INVESTIGATION UPDATE REPORT.

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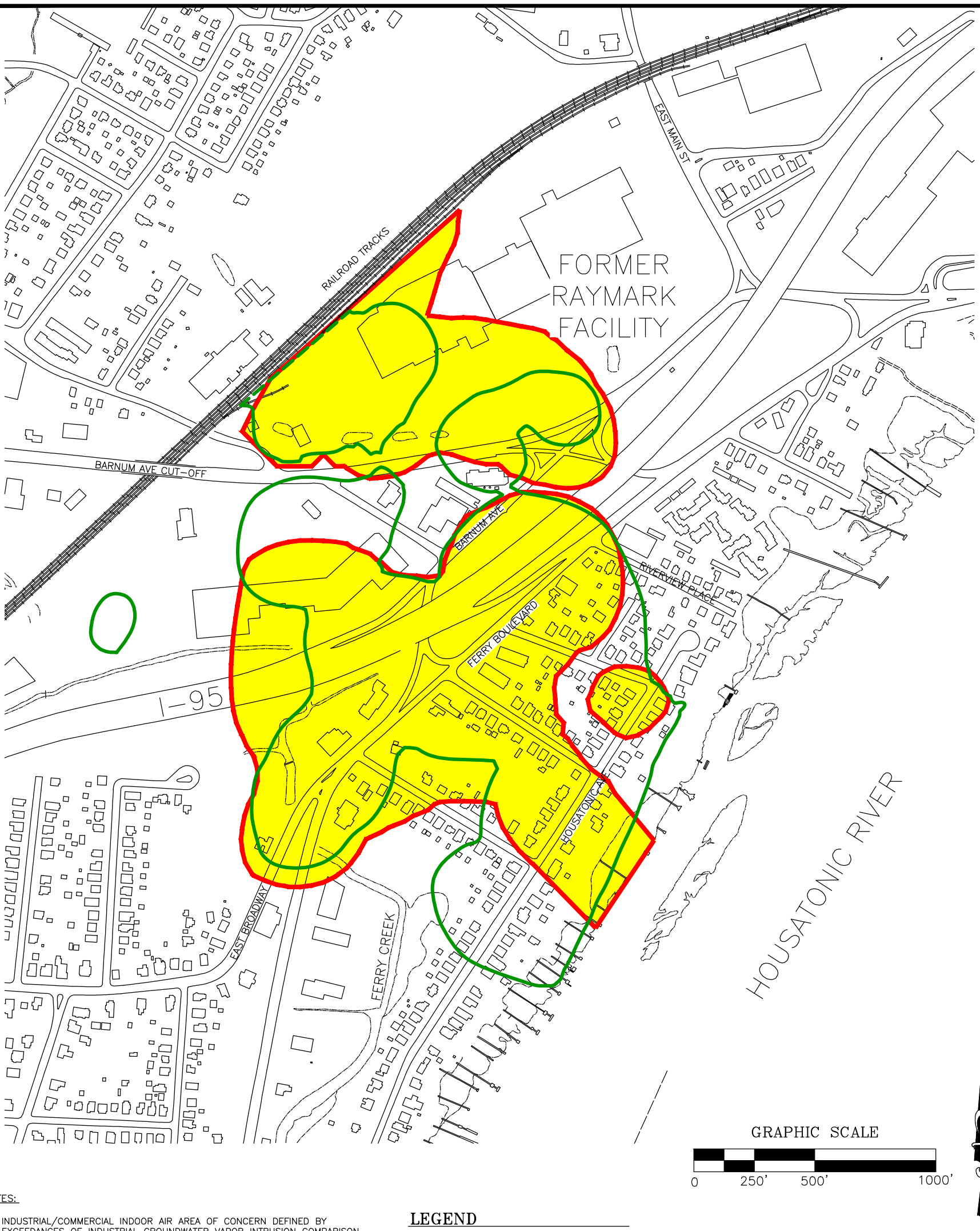
FIGURE 4-10

RESIDENTIAL INDOOR AIR AREA OF CONCERN 2009 VS 2005 RI
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EHJ, JH	APPROVED BY:	DB
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\CAD\RI Update Nov 2013\Fig 4-10 updated residential indoor air AoC [05-16-12].dwg



NOTES:

1. INDUSTRIAL/COMMERCIAL INDOOR AIR AREA OF CONCERN DEFINED BY EXCEEDANCES OF INDUSTRIAL GROUNDWATER VAPOR INTRUSION COMPARISON LEVELS BASED ON HAZARD QUOTIENTS OF 1.0 AND 1 X 10–5 CANCER RISK FOR TRICHLOROETHENE (22 ug/L), 1,1–DICHLOROETHANE (330 ug/L), VINYL CHLORIDE (25 ug/L), OR BENZENE (69 ug/L). SITE COCS NOT LISTED DO NOT EXCEED THIER APPLICABLE COMPARISON LEVELS.
2. CONTAMINANT EXTENTS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE, INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING SHALLOW GROUNDWATER DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. SHALLOW GROUNDWATER LAYER WAS DEFINED BY THE WELL DESIGNATION, AND NOT WELL SCREEN ELEVATION.
4. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
5. PLAN NOT TO BE USED FOR DESIGN.
6. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.

LEGEND

2005 EXTENT OF INDUSTRIAL/COMMERCIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE BASED ON 67 ug/L = PROPOSED TRICHLOROETHENE CONNECTICUT INDUSTRIAL/COMMERCIAL VOLATILIZATION CRITERION (FROM 2005 IN REMEDIAL INVESTIGATION REPORT FIGURE 4–20).

MODELED AREA OF CONCERN HAS BEEN MODIFIED FROM THAT PRESENTED IN THE 2005 REMEDIAL INVESTIGATION. AREAS HYDRAULICALLY UPGRADIENT FROM THE OU–1 SOURCE AREA HAVE NOT BEEN INCLUDED WITHIN THE AREA OF CONCERN.

2009/ 10 CUMULATIVE EXTENT OF INDUSTRIAL/COMMERCIAL INDOOR AIR AREAS OF CONCERN FOR TRICHLOROETHENE, 1,1–DICHLOROETHANE, VINYL CHLORIDE, AND BENZENE BASED ON CANCER RISK OF 1 X 10^{-5} AND HAZARD QUOTIENT OF 1.0, ILLUSTRATED IN FIGURES 4–7, 4–9, AND 6–2 OF THIS OU2 RI UPDATE REPORT. (NO CONCENTRATIONS OF 1,1–DICHLOROETHENE, CHLOROBENZENE, CHLOROFORM, OR ETHYLBENZENE EXCEEDED THE APPLICABLE COMPARISON LEVELS IN 2009).

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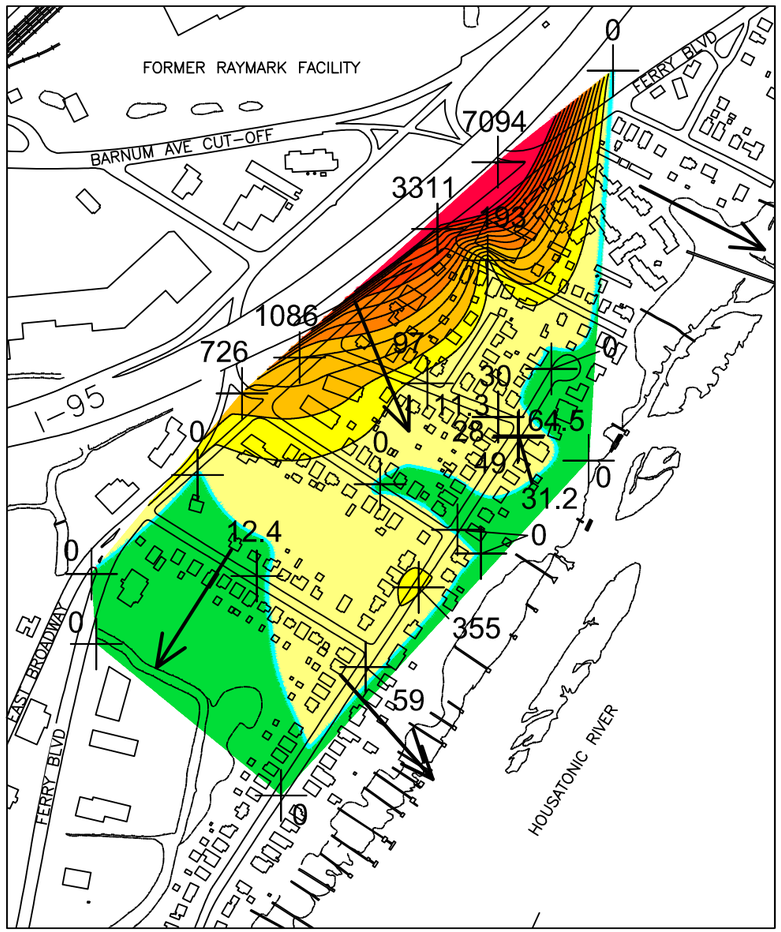
FIGURE 4–11

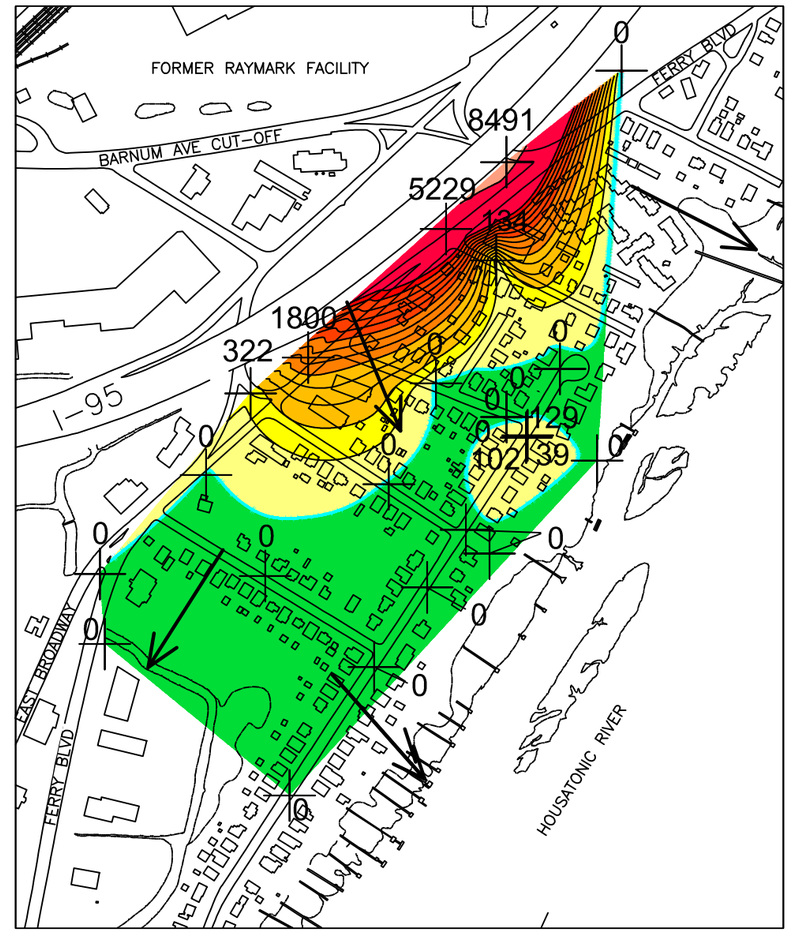
INDUSTRIAL/COMMERCIAL INDOOR AIR AREA OF CONCERN 2009 VS 2005 RI
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	EHJ, JH	APPROVED BY:	DB
PROJECT:	80043.09	DATE: NOVEMBER 2013	

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\Fig 4–11 updated ind–comm indoor air AoC rev 04–26–12.dwg



2003 SOIL GAS SAMPLING RESULTS



2009 SOIL GAS SAMPLING RESULTS

LEGEND

SAMPLING LOCATION

TRICHLOROETHENE SOIL GAS CONCENTRATION (ug/m³)

6987
3493
3225
2956
2687
2418
2150
1881
1612
1344
1075
806
537
269
21
0

COMPARISON LEVEL

INFERRED DIRECTION OF SHALLOW OVERBURDEN GROUNDWATER FLOW

0 0.1 0.2
APPROXIMATE SCALE (MILES)

NOTES:

1. COMPARISON LEVEL HAS BEEN CALCULATED USING THE OSWER VAPOR INTRUSION SCREENING LEVEL (VISL) CALCULATOR VERSION 1.0, NOVEMBER 2011 RSLs, ADJUSTED TO CORRESPOND TO A 1x10–5 CANCER RISK AND HQ= 1.0 IN A RESIDENTIAL SCENARIO.
2. CONTAMINANT CONTOURS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING INDICATED DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
4. PLAN NOT TO BE USED FOR DESIGN.
5. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD–PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA–HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT–GIS.
6. COORDINATE SYSTEM IS CONNECTICUT STATE PLANE GRID SYSTEM, FEET, NAD27.
7. INFERRED DIRECTION OF SHALLOW OVERBURDEN GROUNDWATER FLOW OBTAINED FROM FIGURE 3–7 OF THE 2005 REMEDIAL INVESTIGATION REPORT.

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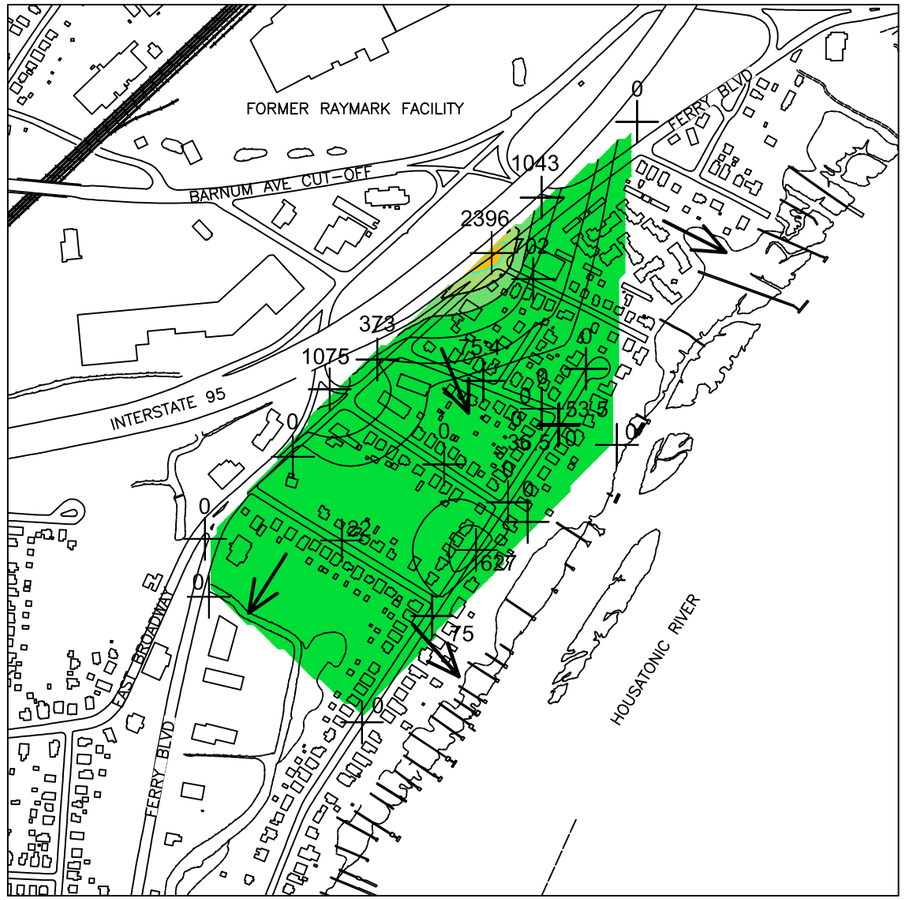
FIGURE 4–12

2003 AND 2009 TRICHLOROETHENE SOIL GAS RESULTS
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	JMH, EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI–FS\Technical Data\CAD\RI Update Nov 2013\[Fig 4–12] 2003 and 2009 TCE Soil Gas Plume maps rev 08.06.12.dwg



2003 SOIL GAS SAMPLING RESULTS

2009 SOIL GAS SAMPLING RESULTS

LEGEND

SAMPLING LOCATION

COMPARISON LEVEL

1,1-DICHLOROETHENE SOIL GAS CONCENTRATION (ug/m³)

2777
2380
2100
1587
1190
793
397
198
0

INFERRED DIRECTION OF SHALLOW OVERBURDEN GROUNDWATER FLOW

0 0.1 0.2
APPROXIMATE SCALE (MILES)

NOTES:

1. COMPARISON LEVEL HAS BEEN CALCULATED USING THE OSWER VAPOR INTRUSION SCREENING LEVEL (VISL) CALCULATOR VERSION 1.0, NOVEMBER 2011 RSLs, ADJUSTED TO CORRESPOND TO A CANCER RISK OF 1X10-5 AND AN HQ=1.0 IN A RESIDENTIAL SCENARIO.
2. CONTAMINANT CONTOURS ESTIMATED USING SURFER VERSION 10 SURFACE MAPPING SYSTEM, GOLDEN SOFTWARE INC., GOLDEN, CO. CONTOURS WERE DEVELOPED USING INDICATED DATA AND THE NATURAL NEIGHBOR INTERPOLATION METHOD.
3. ALL LOCATIONS TO BE CONSIDERED APPROXIMATE.
4. PLAN NOT TO BE USED FOR DESIGN.
5. BASE MAP COMPILED FROM THE FOLLOWING: DIVERSIFIED TECH CORP., NORTH HAVEN, CT; GEOD-PHOTOGRAMMETRIC SCIENCES SURVEY TECH. CORP., NEWFOUNDLAND, NJ; DELUCA-HOFFMAN ASSOC., INC., S. PORTLAND, ME; AND CT-GIS.
6. COORDINATE SYSTEM IS CONNECTICUT STATE PLANE GRID SYSTEM, FEET, NAD27.
7. INFERRED DIRECTION OF SHALLOW OVERBURDEN GROUNDWATER FLOW OBTAINED FROM FIGURE 3-7 OF THE 2005 REMEDIAL INVESTIGATION REPORT.

N

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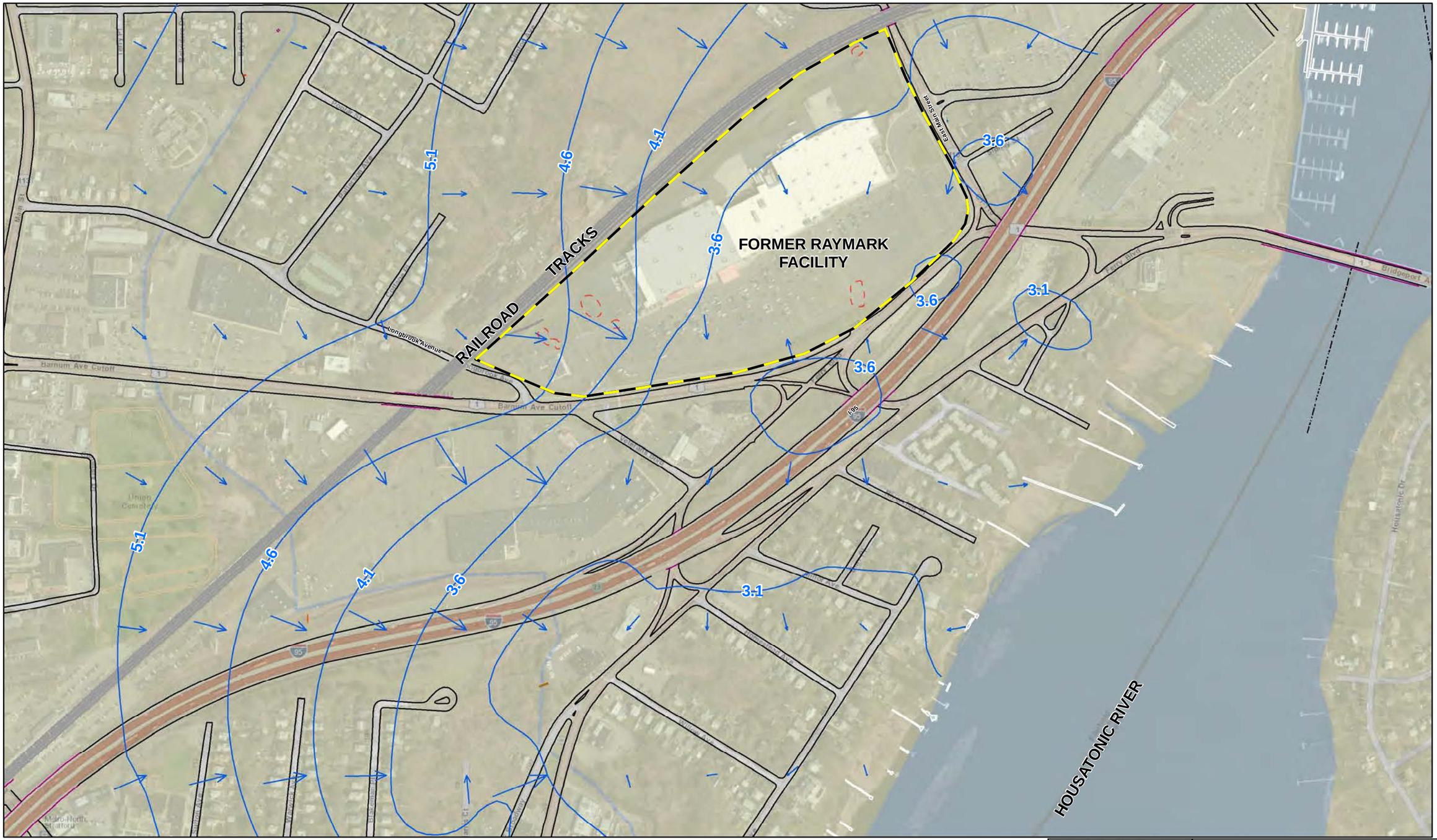
FIGURE 4-13

2003 AND 2009 1,1-DICHLOROETHENE SOIL GAS RESULTS
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

DRAWN BY:	JMH, EJ	APPROVED BY:	JD
PROJECT:	80043.09	DATE:	NOVEMBER 2013

R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\CAD\RI Update Nov 2013\[Fig 4-13] 2003 and 2009 1,1-DCE Soil Gas Plume Maps rev 08.06.12.dwg



0 100 200 400 600 800

Feet

1 inch = 400 feet

N

Notes:

1. Groundwater contours and flow vectors were estimated using Surfer Version 10 Surface Mapping System, Golden Software, Inc., Golden, CO. Contours were developed using 2009 gauging data and the natural neighbor gridding method.

2. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Legend

- Source Investigation Area
- OU1 Site Boundary
- Water Table Contours
- Groundwater Flow Direction

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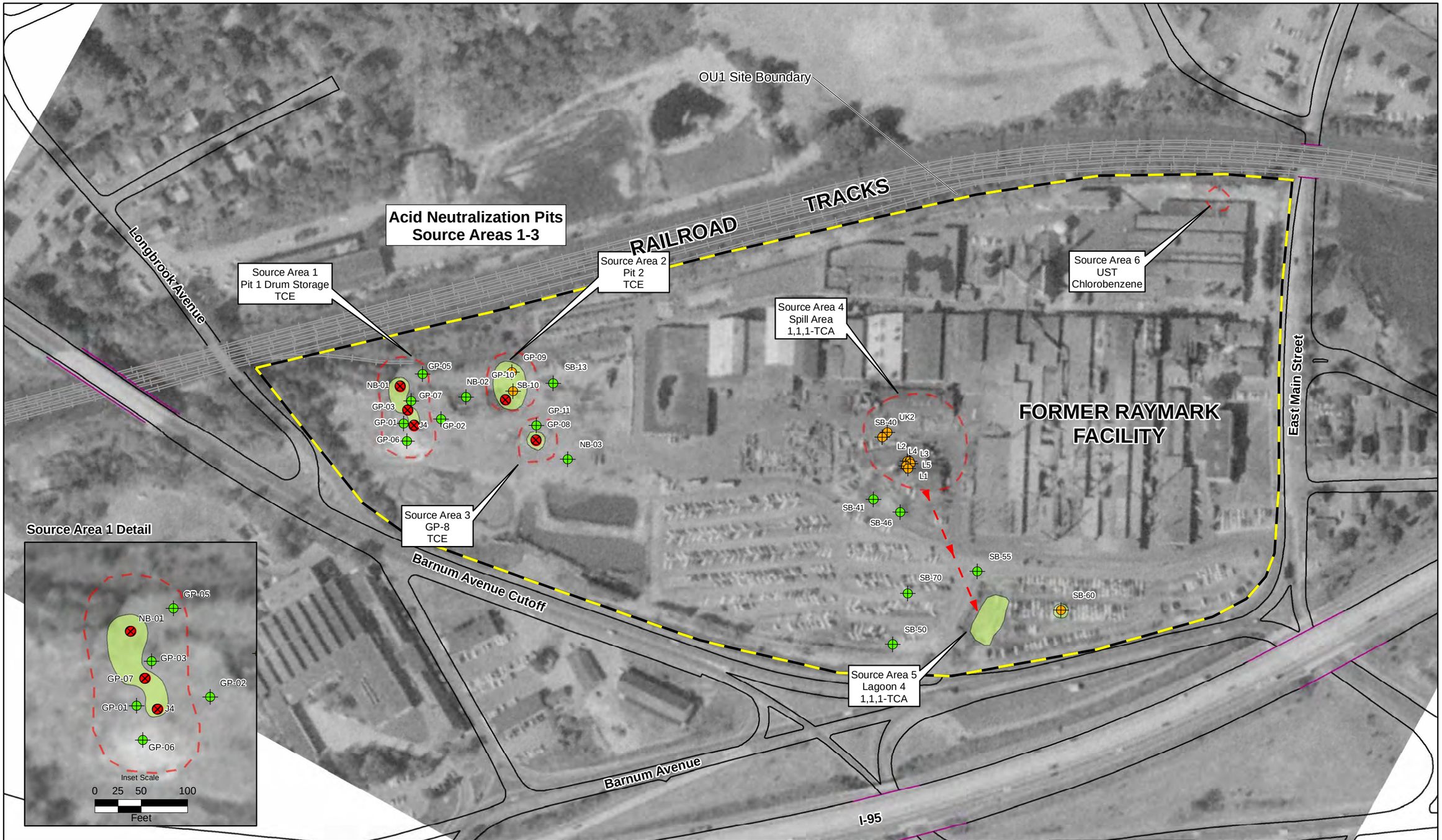
FIGURE 5-1

WATER TABLE ELEVATIONS AND GROUNDWATER FLOW - OCTOBER 20, 2009
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: JD
PROJECT NO. 80043	DATE: NOVEMBER 2013

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\Revised 6-1 to 6-3 Figures for RI Update Rpt\November 2013 Revisions\Fig_5-1_Raymark_Source_Areas_GW_Contours.mxd Date Printed: 12/11/2013



0 50 100 200 300 400

Feet

1 inch = 200 feet

N

Notes:

1. 1991 Aerial photography from Cadcorp SIS Web Map Server.

2. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Legend

- High Levels of Historical Soil Contamination by COCs
- Intermediate Levels of Historical Soil Contamination by COCs
- Low Levels of Historical Soil Contamination by COCs
- Source Investigation Area
- Estimated Remaining Extent of Current COC Sources
- OU1 Site Boundary
- Transport via Site Drainage System

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FIGURE 5-2

HISTORICAL SOURCE AREAS FOR SITE COCs
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: JD
PROJECT NO. 80043	DATE: NOVEMBER 2013

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\Revised 6-1 to 6-3 Figures for RI Update Rpt\November 2013 Revisions\Fig_5-2_Raymark_Historical_Source_Areas_Airphoto.mxd Date Printed: 12/11/2013

Legend

Groundwater Vapor Intrusion Comparison Levels Corresponding to Cancer Risk Levels of 1 x 10^{-4} and Hazard Quotients of 1.0 Based on 2009/2010 Groundwater Sampling Results for site COCs

COCs not listed do not exceed applicable comparison levels.

Industrial:
22 µg/L Trichloroethene, or
250 µg/L Vinyl Chloride

Residential:
200 µg/L 1,1-Dichloroethene, or
410 µg/L Chlorobenzene, or
5.2 µg/L Trichloroethene, or
14 µg/L Vinyl Chloride

Area Currently Capped and Equipped with Subsurface Venting System

Residential Sub Slab Depressurization (SSD) Systems Installed During 2003/2004 Removal Actions. Status Shown Is Based On CTDEEP Inspections And Repairs In 2008.

Residential SSDs Installed and Operational*

Residential Structure Without SSD System

Commercial/Industrial

Commercial Buildings

SSD = Sub-Slab Depressurization Vapor Mitigation System

* Includes two homes where SSD status is not known. See RI Update Report section 6.1.1 for details.

0 200 400 800
Feet 1:4,800

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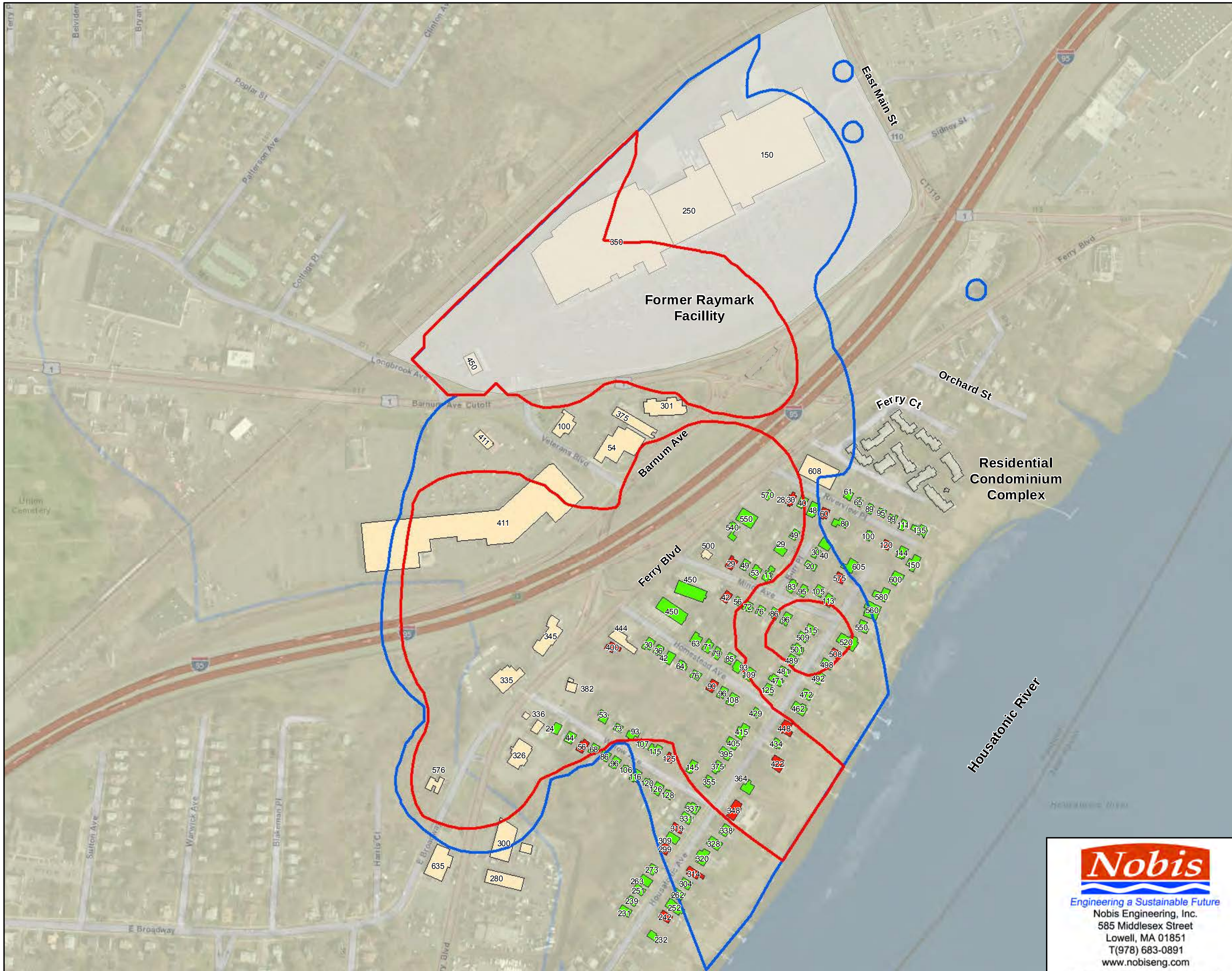
FIGURE 6-1

2009/10 INDOOR AIR AREAS OF CONCERN BASED ON 1 x 10^{-4} CANCER RISK OR HAZARD QUOTIENT OF 1.0 COMPARISON LEVELS

RAYMARK - OU2 -GROUNDWATER
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: NOVEMBER 2013

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\Revised 6-1 to 6-3 Figures for RI Update Rpt\November 2013 Revisions\Fig_6-1_Raymark_Areas_of_Concern.mxd Date Printed: 12/11/2013



Legend

Groundwater Vapor Intrusion Comparison Levels Corresponding to Cancer Risk Levels of 1 x 10^{-5} and Hazard Quotients of 1.0 Based on 2009/2010 Groundwater Sampling Results for site COCs

COCs not listed do not exceed applicable comparison levels.

Industrial:
330 µg/L 1,1 Dichloroethane or
69 µg/L Benzene, or
22 µg/L Trichloroethene, or
25 µg/L Vinyl Chloride

Residential:
66 µg/L 1,1 Dichloroethane, or
200 µg/L 1,1-Dichloroethene, or
14 µg/L Benzene, or
410 µg/L Chlorobenzene, or
7.1 µg/L Chloroform, or
30 µg/L Ethylbenzene, or
5.2 µg/L Trichloroethene, or
1.4 µg/L Vinyl Chloride

Area Currently Capped and Equipped with Subsurface Venting System

Residential Sub Slab Depressurization (SSD) Systems Installed During 2003/2004 Removal Actions. Status Shown Is Based On CTDEEP Inspections And Repairs In 2008.

Residential SSDs Installed and Operational*

Residential Structure Without SSD System

Commercial/Industrial

Commercial Buildings

SSD = Sub-Slab Depressurization Vapor Mitigation System

* Includes two homes where SSD status is not known. See RI Update Report section 6.1.1 for details.

0 200 400 800
Feet 1:4,800

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FIGURE 6-2

2009/10 INDOOR AIR AREAS OF CONCERN BASED ON 1 x 10^{-5} CANCER RISK OR HAZARD QUOTIENT OF 1.0 COMPARISON LEVELS

RAYMARK - OU2 -GROUNDWATER
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: NOVEMBER 2013

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\Revised 6-1 to 6-3 Figures for RI Update Rpt\November 2013 Revisions\Fig_6-2_Raymark_Areas_of_Concern.mxd **Date Printed:** 2/28/2014

Legend

Groundwater Vapor Intrusion Comparison Levels Corresponding to Cancer Risk Levels of 1 x 10^{-6} and Hazard Quotients of 1.0 Based on 2009/2010 Groundwater Sampling Results for site COCs

COCs not listed do not exceed applicable comparison levels.

Industrial:
33 µg/L 1,1 Dichloroethane or
6.9 µg/L Benzene, or
3.6 µg/L Chloroform, or
15 µg/L Ethylbenzene, or
7.4 µg/L Trichloroethene, or
2.5 µg/L Vinyl Chloride

Residential:
6.6 µg/L 1,1 Dichloroethane, or
200 µg/L 1,1-Dichloroethene, or
1.4 µg/L Benzene, or
410 µg/L Chlorobenzene, or
0.71 µg/L Chloroform, or
3 µg/L Ethylbenzene, or
1.1 µg/L Trichloroethene, or
0.14 µg/L Vinyl Chloride

Area Currently Capped and Equipped with Subsurface Venting System

Residential Sub Slab Depressurization (SSD) Systems Installed During 2003/2004 Removal Actions. Status Shown Is Based On CTDEEP Inspections And Repairs In 2008.

Residential SSDs Installed and Operational*

Residential Structure Without SSD System

Commercial/Industrial

Commercial Buildings

SSD = Sub-Slab Depressurization Vapor Mitigation System

* Includes two homes where SSD status is not known. See RI Update Report section 6.1.1 for details.

0 200 400 800
Feet 1:4,800

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FIGURE 6-3

2009/10 INDOOR AIR AREAS OF CONCERN BASED ON 1 x 10^{-6} CANCER RISK OR HAZARD QUOTIENT OF 1.0 COMPARISON LEVELS

RAYMARK - OU2 -GROUNDWATER
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: NOVEMBER 2013

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\Revised 6-1 to 6-3 Figures for RI Update Rpt\November 2013 Revisions\Fig_6-3_Raymark_Areas_of_Concern.mxd Date Printed: 2/28/2014

APPENDIX A

APPENDIX A
RATIONALE AND SELECTION OF MONITORING WELLS
EPA 2009 GROUNDWATER AND SOIL GAS EVALUATION
RAYMARK – OU2 – GROUNDWATER
STRATFORD, CONNECTICUT

This Memorandum describes the proposed approach to the 2009 groundwater and soil gas investigations at the Raymark Industries, Inc. Site, Operable Unit 2, in Stratford, Connecticut to be performed by Nobis Engineering on behalf of EPA. This memorandum also identifies the groundwater and soil gas monitoring wells proposed for inclusion in the 2009 sampling program and the rationale for their selection.

The 2009 sampling is proposed to provide a current evaluation of the chemical quality of groundwater and soil gas to further support a Record of Decision that is protective of Public Health and the Environment. Sampling locations shown below have been selected:

- To evaluate current chemical conditions at 100 locations in the surficial aquifer most likely to demonstrate the continued contaminant transport of chemicals of concern (COCs) listed in Table 1;

- To evaluate the current conditions in the surficial groundwater most likely to cause the transport of chemicals of concern (COCs) through the vadose zone into soil gas in areas where private residents and buildings are located. To sample soil gas in the vadose zone in 25 locations listed in Table 1 and to note and change in conditions from previous sampling data and whether any new locations are at risk from an indoor air pathway; and

- To collect additional ground water elevation data from 300 existing wells to reconfirm existing data on the direction of ground water flow;

There are 53 monitoring wells sampled by CT DEP as part of Operable Unit 1. It is assumed that OU2 wells will be sampled by the CTDEP concurrent with this OU2 sampling.

Approximately 300 OU2 existing monitoring wells and 25 soil gas wells will be inspected, repaired if necessary prior to any data collection. A set of synoptic water level measurements would be performed in the same time frame as the chemical characterization sampling. It is expected that all water level elevations will be collected in a 2-3 day interval during a period when rainfall and recharge are minimal.

Wells have been chosen either because they are shallow wells in the vicinity of soil gas probes. Medium, deep, and bedrock wells have also been included due to the possible discharge from the deeper aquifer into shallow groundwater, Ferry Creek or the Housatonic River. Because of the relatively low horizontal gradient of approximately 0.002 ft./ft., significant discharge to surface water is likely only in areas where the surficial groundwater levels result in upward gradients and resulting flow into surface water. The following is a description of the proposed field activities:

Phase I – Well Inventory, Inspection, and Repair – Summer 2009

I. Locate, inspect, and repair as needed all wells (300). Wells will be located with GPS equipment using the last known GPS coordinates from prior field events. Wells will be

inventoried and the status of each well will be recorded. All wells will be opened and sounded for water depth. Water depth will be recorded. Well repairs will be performed for those wells with damage from humans, weather, or unknown.

II. Measure the groundwater elevation in all wells and create a map showing groundwater flow directions and changes since work in 2002/2003.

Phase II – Sample Groundwater and Soil Gas – Fall 2009

I. Sample selected ground water monitoring wells as listed below for the stated purposes below:

1. To evaluate the flow from the Morgan Francis property to the west bank of Ferry Creek:

   - MW 104S - evaluate northeastward groundwater flow through the surficial layer of silty sand that is above the peat or low plasticity silt layer.

   - MW 111S - evaluate eastward groundwater flow through the surficial layer of silty sand that is above the peat or low plasticity silt layer with historically high concentrations of 1,1 DCE

   - MW 101S - same as MW 111S.

   - MW 310S - evaluate southward groundwater flow through the surficial layer of silty sand that is above the peat or low plasticity silt layer.

   - MW 113M - evaluate any flow parallel to Ferry Creek in possible relict stream channels within silty sand layers.

2. To evaluate the flow from the Spada property to the east bank of Ferry Creek and the west bank of the Housatonic River:

   - MW 520S - evaluate the westward groundwater flow through the surficial layer of well-graded sand that is above the poorly-graded sand layer.
   - MW 217S - evaluate the southward groundwater flow through the surficial layer of well-graded sand that is above the poorly-graded sand layer.
   - MW110S- evaluate shallow groundwater adjacent Ferry Creek

3. To evaluate the flow from the DPW Garage property to the west bank of the Housatonic River:

   - MW 309S - evaluate the eastward groundwater flow through the surficial layer of well-graded sand that is above the poorly-graded sand layer.

4. To evaluate the flow from The Dock property to the west bank of the Housatonic River and I-95 :

   - MW 4S - evaluate the eastward groundwater flow through the surficial layer of well-graded sand that is above the poorly-graded sand layer.
   - MW-3S - evaluate the southeastward groundwater flow through the surficial layer of well-graded sand that is above the poorly-graded sand layer.

5. To evaluate the flow from the OU1 Raymark Facility property to the north and east banks of Ferry Creek and the west bank of the Housatonic River:

   - MW 203S – evaluate the southeastward groundwater flow from the northeastern portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 202S – evaluate the southeastward groundwater flow from the northeastern portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 519S – evaluate the southeastward groundwater flow from the center portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 211S – evaluate the southeastward groundwater flow from the center portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 505S – evaluate the southeastward groundwater flow from the southwestern portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 208S – evaluate the southeastward groundwater flow from the southwestern portion of the property through the surficial layer of well-graded sand (fill material) that is above the poorly-graded sand layer.

   - MW 210S – evaluate area of historical contamination and upgradient of MW-212.

   - MW 207S – evaluate vinyl chloride in shallow groundwater.

   - MW 501S – evaluate up gradient conditions.

   - MW503S – evaluate GW near Ferry Creek.

- MW102S – evaluate GW near residential properties and Ferry Creek.
- MW212S – evaluate area of historical 1,1-DCE contamination and SG 513.
- MW301SW – evaluate groundwater near residential property.

6. To evaluate the contamination transport from shallow groundwater to soil gas in the residential areas:

Soil Gas Wells Proposed for Sampling

- MW 203SG (compare to MW 203S)
- MW 202SG (compare to MW 202S)
- MW 519SG (compare to MW 519S)
- MW 518SG
- MW 527SG
- MW 507SG
- MW 517SG
- MW 514SG
- MW 213SG
- MW 523SGS
- MW 526SGS
- MW 535SG
- MW 513SG
- MW 508SG
- MW 214SG
- MW 534SG
- MW 515SG
- MW 536SG
- MW 525SG
- MW 215SG
- MW 302SG
- MW 520SG (compare to MW 520S)
- MW 528SG
- MW 111SG (compare to MW 111S)
- MW 217SG (compare to MW 217S)

Shallow monitoring wells adjacent Soil Gas Wells Proposed for Sampling

- MW 518S (compare to MW 518SG)
- MW 527S (compare to MW 527SG)

- MW 507S (compare to MW 507SG)
- MW 514S (compare to MW 514SG)
- MW 517S (compare to MW 517SG)
- MW 213S (compare to MW 213SG)
- MW 523S (compare to MW 523SGS and 523SGM)
- MW 526S (compare to MW 526SGS and 526SGM)
- MW 535S (compare to MW 535SG)
- MW 513S (compare to MW 513SG)
- MW 508S (compare to MW 508SG)
- MW 214S (compare to MW 214SG)
- MW 534S (compare to MW 534SG)
- MW 515S (compare to MW 515SG)
- MW 536S (compare to MW 536SG)
- MW 525S (compare to MW 525SG)
- MW 215S (compare to MW 215SG)
- MW 302S (compare to MW 302SG)
- MW 528S (compare to MW 528SG)
- MW 111S (compare to MW 111SG)

7. To evaluate the flow from deeper groundwater up to surficial waters:

   - MW 301D – evaluate the southeastward groundwater flow from the northeastern portion of the Raymark facility and the Dock property in the deep aquifer toward the Housatonic River.

   - MW 301B – evaluate the southeastward groundwater flow from the northeastern portion of the Raymark facility and the Dock property through the bedrock to potentially reach the Housatonic River.

   - MW 302B – evaluate the southeastward groundwater flow from the center portion of the Raymark facility through the bedrock to potentially reach the Housatonic River.

   - MW 310D – evaluate the southward groundwater flow from the Morgan Francis property through the bedrock to reach Ferry Creek and the Housatonic River. And additional wells:

     - MW 101M – compare to MW 101S
     - MW 101D – compare to MW 101S
     - MW 104M – compare to MW 104S
     - MW 104D – compare to MW 104S
     - MW 104B – compare to MW 104S
     - MW 111M – compare to MW111S and MW 111D

- MW 111D – compare to MW111S and MW 111SG
- MW110M – evaluate shallow ground water adjacent and discharging to Ferry Creek
- MW 113M – baseline for southern end of study area
- MW 202D – compare to MW 202S
- MW 203D – compare to MW 203S
- MW 207M – compare with MW 207S
- MW 210D – compare with MW 210S
- MW 211M – compare to MW 211S
- MW 211D – compare to MW 211S
- MW 211B – compare to MW 211S
- MW 302M – compare to MW 302S and MW 302B
- MW 302D – compare to MW 302S and MW 302B
- MW 310B – compare to MW 310S and MW 310D
- MW 501B – evaluate ground water conditions upgradient of the site
- MW 503M – compare to MW 503S
- MW 505M – compare to MW 505S
- MW 505D – compare to MW 505S
- MW 505B – compare to MW 505S

8. To evaluate ground water conditions in the vicinity of the Synthetics Product facility where elevated VOCs have been historically detected.

   - CRA 1S
   - CRA 1D
   - CRA 2S
   - CRA 4S
   - CRA 4D
   - CRA 5S
   - CRA 6S
   - CRA 8S
   - CRA 8D
   - MW 506S
   - MW 522S
   - MW 529S

9. To evaluate the deeper ground water in areas where the previous testing indicated elevated volatile organic compounds near residential properties and this could present a potential pathway for future indoor air emissions with upward gradients to the shallow aquifer.

   - MW212M
   - MW212D

- MW111M
- MW111D
- MW214M
- MW214D
- MW514D
- MW508D
- MW217D

II. Create appropriate maps, figures, and text to update existing Remedial Investigation Report as appropriate. Work will include updating the existing OU2 data base with this new information and the prior years sampling of the OU1 PC wells by CTDEP.

APPENDIX B

APPENDIX B

RAYMARK OU2 GROUNDWATER AND SOIL GAS ANALYTICAL RESULTS

B-1 Historical Groundwater Analytical Results

B-2a USEPA 2009 Groundwater Sampling Results

B-2b CTDEP 2009 Groundwater Sampling Results

B-3 2003 and 2010 Recovery Well 3 Analytical Results

B-4 2002 Soil Gas Analytical Results

B-5 2003 and 2009 Soil Gas Sampling Analytical Results

B-6 Summary of Groundwater Monitoring Wells Utilized for RI Update Report Data Analysis and Assessment

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	164		1	U	2
1,1,2,2-Tetrachloroethane	1	U		NA		NA		NA	1	U	1	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	1	U		NA		NA		NA	1	U	1	U	1
1,1-Dichloroethane	1	U	1	U	1	U	1	U	8		3		3
1,1-Dichloroethene	1	U		NA		NA		NA	4		1	U	1
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U		NA		NA		NA	2		1	U	1
1,2-Dichloroethane	1	U		NA		NA		NA	1	U	1	U	1
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	1	U		NA		NA		NA	1	U	1	U	1
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U		NA		NA		NA	1	U	1	U	1
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U		NA		NA		NA	1	U	1	U	1
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane	1	U		NA		NA		NA	1	U	1	U	1
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether	10	U		NA		NA		NA	10	U	10	U	10
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U		NA		NA		NA	1	U	1	U	1
Benzyl Chloride	10	U		NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether	10	U		NA		NA		NA	10	U	10	U	10
Bromobenzene	1	U		NA		NA		NA	1	U	1	U	1
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U		NA		NA		NA	1	U	1	U	1
Bromoform	1	U		NA		NA		NA	1	U	1	U	1
Bromomethane	10	U		NA		NA		NA	10	U	10	U	10
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	1	U		NA		NA		NA	1	U	1	U	1
Chlorobenzene	1	U		NA		NA		NA	1	U	1	U	1
Chloroethane	10	U		NA		NA		NA	10	U	10	U	10
Chloroform	1	U	1	U	1	U	1	U	14		1	U	3
Chloromethane	10	U		NA		NA		NA	10	U	10	U	10
Chlorotoluene	1	U		NA		NA		NA	1	U	1	U	1
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	1	U		NA		NA		NA	1	U	1	U	1
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	1	U		NA		NA		NA	1	U	1	U	1
Dibromomethane	1	U		NA		NA		NA	1	U	1	U	1
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene	1	U		NA		NA		NA	51		1	U	1
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U		NA		NA		NA	1	U	1	U	1
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene	1	U		NA		NA		NA	79		1	U	1
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	1	U	1	U	1	U	10		1	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	2		1	U	1
Total Xylenes		NA	1	U	1	U	1	U		NA		NA	
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	87		187
trans-1,3-Dichloropropene	1	U		NA		NA		NA	1	U	1	U	1
Trichloroethene	1	U	1	U	1	U	1	U	25		83		131
Trichlorofluoromethane	1	U		NA		NA		NA	1	U	1	U	1
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	10	U		NA		NA		NA	10	U	10	U	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	270		10.0		160		10.0	U	10.0	U	10.0	U	290
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	30.0		180		530		100		10.0	U	40.0		30.0
Cyanide	50.0	U	50.0	U	50.0	U	50.0	U	90.0		580		240
Iron	50.0	U	50.0	U	1600		80.0		3830		890		100
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	4590		540		480		180		1500		260		5130
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-X-112090		MW-X-021892		MW-X-051892		MW-X-081892		MW-Y-112090		MW-Z-112090		MW-Z-022791
Sample Location	MW-X		MW-X		MW-X		MW-X		MW-Y		MW-Z		MW-Z
Date Sampled	11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/20/1990		11/20/1990		2/27/1991
Interval	16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		15.0-25.0		16.5-26.5		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium		NA		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	820		9600		27000		5500		70.0		4760		880
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	28.0		9.0		10.0		8.0		410		18.0		35.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA	1
1,1,1-Trichloroethane		4		1	U	1	U	2		10	U	10	U	5.5
1,1,2,2-Tetrachloroethane	U	1	U		NA		NA		NA	10	U	10	U	1
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA	10	U	1
1,1,2-Trichloroethane	U	1	U		NA		NA		NA	10	U	10	U	1
1,1-Dichloroethane		4		1	U	5		3		2	J	10	U	7.1
1,1-Dichloroethene	U	1	U		NA		NA		NA	10	U	0.9	U	5.7
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	1
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA	1
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA	1
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	10	UJ	1
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA	1
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		R	1
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	10	U	1
1,2-Dichlorobenzene	U	1	U		NA		NA		NA		NA	10	U	1
1,2-Dichloroethane	U	1	U		NA		NA		NA	10	U	10	U	1
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA	38			NA	
1,2-Dichloropropane	U	1	U		NA		NA		NA	10	U	10	U	1
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA	1
1,3-Dichlorobenzene	U	1	U		NA		NA		NA		NA	10	U	1
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	1
1,4-Dichlorobenzene	U	1	U		NA		NA		NA		NA	10	U	1
1,4-Dioxane	NA		NA		NA		NA		NA		NA	100	UJ	
1-Chlorohexane	U	1	U		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	1
2-Butanone	NA		NA		NA		NA		NA	10	U	10	U	4
2-Chloroethylvinylether	U	10	U		NA		NA		NA		NA		NA	3
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA	1
2-Hexanone	NA		NA		NA		NA		NA	10	U	10	UJ	0.6
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA	1
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA	10	U	10	U	0.5
Acetone	NA		NA		NA		NA		NA	10	UJ	10	U	3
Acrolein	NA		NA		NA		NA		NA		NA		NA	10
Acrylamide	NA		NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA	5
Benzene	U	1	U		NA		NA		NA	10	U	10	U	1
Benzyl Chloride	U	10	U		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	U	10	U		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether	U	10	U		NA		NA		NA		NA		NA	
Bromobenzene	U	1	U		NA		NA		NA		NA		NA	1
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA	1
Bromodichloromethane	U	1	U		NA		NA		NA	10	U	10	U	1
Bromoform	U	1	U		NA		NA		NA	10	U	10	U	1
Bromomethane	U	10	U		NA		NA		NA	10	U	10	U	1
Carbon Disulfide	NA		NA		NA		NA		NA	10	U	10	U	3
Carbon Tetrachloride	U	1	U		NA		NA		NA	10	U	10	U	1
Chlorobenzene	U	1	U		NA		NA		NA	10	U	10	U	1
Chloroethane	U	10	U		NA		NA		NA	10	U	10	U	1
Chloroform		1	U	1	U	1	U	2		10	U	10	U	1
Chloromethane	U	10	U		NA		NA		NA	10	U	10	U	1
Chlorotoluene	U	1	U		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	3	J	3.3
cis-1,3-Dichloropropene	U	1	U		NA		NA		NA	10	U	10	U	1
Cyclohexane	NA		NA		NA		NA		NA		NA	10	U	
Dibromochloromethane	U	1	U		NA		NA		NA	10	U	10	U	1
Dibromomethane	U	1	U		NA		NA		NA		NA		NA	1
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA	10	U	1
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA	3
Ethylbenzene	U	1	U	1	U	1	U	1	U	10	U	10	U	1
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA	1
Isopropylbenzene	NA		NA		NA		NA		NA		NA	10	U	1
m&p-Xylene	U	1	U		NA		NA		NA		NA		NA	2
Methyl Acetate	NA		NA		NA		NA		NA		NA	10	U	
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA	10	U	2.9
Methylcyclohexane	NA		NA		NA		NA		NA		NA	10	U	
Methylene Chloride	U	1	U		NA		NA		NA	10	U	10	U	1
m-Xylene	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA	1
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	1
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA	1
o-Xylene	U	1	U		NA		NA		NA		NA		NA	1
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA	1
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	1
Styrene	NA		NA		NA		NA		NA	10	U	10	U	1
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	1
Tetrachloroethene	U	1		1	U	1	U	1	U	10	U	10	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA	7
Toluene	U	1		1	U	1	U	1	U	6	J	10	U	12
Total Xylenes	NA		NA	1	U	1	U	1	U	10	U	10	U	
trans-1,2-Dichloroethene		150		84		46		37			NA	10	U	1
trans-1,3-Dichloropropene	U	1	U		NA		NA		NA	10	U	10	U	1
Trichloroethene		159		121		214		92		42		51	J	6.8
Trichlorofluoromethane	U	1	U		NA		NA		NA		NA	10	U	1
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA	6
Vinyl Chloride	U	10	U		NA		NA		NA	10	U	1	U	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane	NA		NA		NA		NA		NA		NA		NA	
Ethene	NA		NA		NA		NA		NA		NA		NA	
Methane	NA		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane	NA		NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	3.5
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	3.4
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA	0.5
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA	2
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	3
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA	0.5
Toluene	NA		NA		NA		NA		NA		NA		NA	13
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA		NA	5.8
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA	10	U	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA	10	U		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	10	U		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	10	U		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	10	U		NA	
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA	10	U	10	U	

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Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA	25	U	25	U	
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA	10	U	10	U	
2,4-Dichlorophenol	NA		NA		NA		NA		NA	10	U	10	U	
2,4-Dimethylphenol	NA		NA		NA		NA		NA	10	U	10	U	
2,4-Dinitrophenol	NA		NA		NA		NA		NA	25	UJ	25	U	
2,4-Dinitrotoluene	NA		NA		NA		NA		NA	10	U	10	U	
2,6-Dinitrotoluene	NA		NA		NA		NA		NA	10	U	10	U	
2-Chloronaphthalene	NA		NA		NA		NA		NA	10	U	10	U	
2-Chlorophenol	NA		NA		NA		NA		NA	10	U	10	U	
2-Methylnaphthalene	NA		NA		NA		NA		NA	10	U	10	U	
2-Methylphenol	NA		NA		NA		NA		NA	10	U	10	U	
2-Nitroaniline	NA		NA		NA		NA		NA	25	U	25	U	
2-Nitrophenol	NA		NA		NA		NA		NA	10	U	10	U	
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA	10	U	10	UJ	
3-Nitroaniline	NA		NA		NA		NA		NA	25	U	25	U	
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA	25	U	25	U	
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA	10	U	10	U	
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA	10	U	10	U	
4-Chloroaniline	NA		NA		NA		NA		NA	10	U	10	UJ	
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA	10	U	10	U	
4-Methylphenol	NA		NA		NA		NA		NA	10	U	10	U	
4-Nitroaniline	NA		NA		NA		NA		NA	25	U	25	UJ	
4-Nitrophenol	NA		NA		NA		NA		NA	25	U	25	U	
Acenaphthene	NA		NA		NA		NA		NA	10	U	10	U	
Acenaphthylene	NA		NA		NA		NA		NA	10	U	10	U	
Acetophenone	NA		NA		NA		NA		NA		NA	10	U	
Anthracene	NA		NA		NA		NA		NA	10	U	10	U	
Atrazine	NA		NA		NA		NA		NA		NA	10	U	
Benzaldehyde	NA		NA		NA		NA		NA		NA	10	UJ	
Benzo(a)anthracene	NA		NA		NA		NA		NA	10	U	10	U	
Benzo(a)pyrene	NA		NA		NA		NA		NA	10	U	10	U	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA	10	U	10	U	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA	10	U	10	UJ	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA	10	U	10	U	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA	10	U	10	U	
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA	10	U	10	U	
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA	10	U	10	U	
Butylbenzylphthalate	NA		NA		NA		NA		NA	10	U	10	U	
Caprolactam	NA		NA		NA		NA		NA		NA	19		

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Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole	NA		NA		NA		NA		NA	10	U	10	U	
Chrysene	NA		NA		NA		NA		NA	10	U	10	U	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA	10	U	10	U	
Dibenzofuran	NA		NA		NA		NA		NA	10	U	10	U	
Diethylphthalate	NA		NA		NA		NA		NA	10	U	10	U	
Dimethylphthalate	NA		NA		NA		NA		NA	10	U	10	U	
Di-n-Butylphthalate	NA		NA		NA		NA		NA	10	U	10	U	
Di-n-octylphthalate	NA		NA		NA		NA		NA	10	U	10	U	
Fluoranthene	NA		NA		NA		NA		NA	10	U	10	U	
Fluorene	NA		NA		NA		NA		NA	10	U	10	U	
Hexachlorobenzene	NA		NA		NA		NA		NA	10	U	10	U	
Hexachlorobutadiene	NA		NA		NA		NA		NA	10	U	10	U	
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA	10	U	10	U	
Hexachloroethane	NA		NA		NA		NA		NA	10	U	10	U	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA	10	U	10	U	
Isophorone	NA		NA		NA		NA		NA	10	U	10	U	
Naphthalene	NA		NA		NA		NA		NA	10	U	10	U	
Nitrobenzene	NA		NA		NA		NA		NA	10	U	10	U	
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA	10	U	10	UJ	
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA	10	U	10	U	
Pentachlorophenol	NA		NA		NA		NA		NA	25	U	25	UJ	
Phenanthrene	NA		NA		NA		NA		NA	10	U	10	U	
Phenol	NA		NA		NA		NA		NA	10	U	10	U	
Pyrene	NA		NA		NA		NA		NA	10	U	10	U	
Total PAH	NA		NA		NA		NA		NA	10	U		NA	
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene	NA		NA		NA		NA		NA		NA	0.20	U	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	0.20	U	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	0.20	UJ	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	0.20	U	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	0.20	U	
Chrysene	NA		NA		NA		NA		NA		NA	0.20	U	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	0.20	U	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	0.20	U	
Phenanthrene	NA		NA		NA		NA		NA		NA	0.20	U	
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD	NA		NA		NA		NA		NA	0.10	U	0.10	U	
4,4'-DDE	NA		NA		NA		NA		NA	0.10	U	0.10	U	
4,4'-DDT	NA		NA		NA		NA		NA	0.10	U	0.10	U	

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Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin	NA		NA		NA		NA		NA	0.050	U	0.050	U	
alpha-BHC	NA		NA		NA		NA		NA	0.050	U	0.050	UJ	
alpha-Chlordane	NA		NA		NA		NA		NA	0.050	U	0.050	U	
Aroclor, Total	NA		NA		NA		NA		NA	1.1	U		NA	
Aroclor-1016	NA		NA		NA		NA		NA	1.0	U	1.0	U	
Aroclor-1221	NA		NA		NA		NA		NA	2.0	U	0.25	U	
Aroclor-1232	NA		NA		NA		NA		NA	1.0	U	1.0	U	
Aroclor-1242	NA		NA		NA		NA		NA	1.0	U	1.0	U	
Aroclor-1248	NA		NA		NA		NA		NA	1.0	U	1.0	U	
Aroclor-1254	NA		NA		NA		NA		NA	1.0	U	0.25	U	
Aroclor-1260	NA		NA		NA		NA		NA	1.0	U	0.25	U	
Aroclor-1262	NA		NA		NA		NA		NA	1.0	UJ	0.28	U	
Aroclor-1268	NA		NA		NA		NA		NA	1.0	U	1.0	U	
beta-BHC	NA		NA		NA		NA		NA	0.050	U	0.050	U	
delta-BHC	NA		NA		NA		NA		NA	0.050	U	0.050	U	
Dieldrin	NA		NA		NA		NA		NA	0.10	U	0.050	UJ	
Endosulfan I	NA		NA		NA		NA		NA	0.050	U	0.050	U	
Endosulfan II	NA		NA		NA		NA		NA	0.10	U	0.10	U	
Endosulfan Sulfate	NA		NA		NA		NA		NA	0.10	U	0.10	U	
Endrin	NA		NA		NA		NA		NA	0.10	U	0.050	U	
Endrin Aldehyde	NA		NA		NA		NA		NA	0.10	U	0.10	U	
Endrin Ketone	NA		NA		NA		NA		NA	0.10	U	0.10	U	
gamma-BHC	NA		NA		NA		NA		NA	0.050	U	0.050	UJ	
gamma-Chlordane	NA		NA		NA		NA		NA	0.050	U	0.050	U	
Heptachlor	NA		NA		NA		NA		NA	0.050	U	0.020	UJ	
Heptachlor Epoxide	NA		NA		NA		NA		NA	0.050	U	0.020	U	
Methoxychlor	NA		NA		NA		NA		NA	0.50	U	0.50	U	
Toxaphene	NA		NA		NA		NA		NA	5.0	U	5.0	U	
Dioxin Analysis (pg/L)														
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA	

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Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)														
Aluminum	NA		NA		NA		NA		NA	43.2	UJ	161	UJ	
Antimony	NA		NA		NA		NA		NA	4.0	U	2.3	U	
Arsenic	NA		NA		NA		NA		NA	6.0	U	4.8	U	
Barium	U	500	U	500	U	500	U	500	U	16.2		18.3		
Beryllium	NA		NA		NA		NA		NA	1.0	U	0.12	UJ	
Cadmium		300		300		10.0	U	320		245		470		
Calcium	NA		NA		NA		NA		NA	22100		24300		
Chromium	U	50.0	U	50.0	U	120		50.0	U	3.1		7.8		
Chromium VI	U	50.0	U	50.0	U	50.0	U	50.0	U		NA		NA	
Cobalt	NA		NA		NA		NA		NA	11.7		3.1		
Copper		60.0		30.0		20.0		50.0		64.3	U	39.5		
Cyanide		330		350		700		50.0			NA	10.0	U	
Iron		50.0	U	50.0	U	50.0	U	50.0	U	88.8	U	18.7	U	
Lead	U	50.0	U	50.0	U	50.0	U	50.0	U	3.0	UJ	2.2	U	
Magnesium	NA		NA		NA		NA		NA	10900		8560		
Manganese	NA		NA		NA		NA		NA	531		68.5		
Mercury	NA		NA		NA		NA		NA	0.20	UJ	0.10	U	
Nickel		4800		5000		680		6400		3340	J	5870		
Potassium	NA		NA		NA		NA		NA	2530		4130		
Selenium	NA		NA		NA		NA		NA	3.0	U	4.8	U	
Silver	NA		NA		NA		NA		NA	1.0	U	0.60	U	
Sodium	NA		NA		NA		NA		NA	21200		11400		

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Sample Number		MW-Z-111891		MW-Z-021892		MW-Z-051892		MW-Z-081892		CP-MW-Z-01		OU2-MW-Z-07		RM-GW01-0017
Sample Location		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		MW-Z		1
Date Sampled		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/18/1997		2/5/2003		2/21/2002
Interval		16.5-26.5		16.5-26.5		16.5-26.5		16.5-26.5		0.0-0.0		0.0-0.0		0.0-17.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium	NA		NA		NA		NA		NA	6.0	U	4.7	U	
Tin	NA		NA		NA		NA		NA		NA		NA	
Vanadium	NA		NA		NA		NA		NA	2.5		1.1		
Zinc		740		760		120		1300		1430	J	3010		
Wet Chemistry Analysis														
Alkalinity	NA		NA		NA		NA		NA	83.1			NA	
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA	
Chloride		14.0		13.0			U	11.0		4.4			NA	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA	2.73			NA	
Nitrite-N	NA		NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA		NA	45.9			NA	
Sulfide	NA		NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,1,1-Trichloroethane		78		87		110		110		100		320	
1,1,2,2-Tetrachloroethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,1,2-Trichloroethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,1-Dichloroethane		89		70		110		110		110		170	
1,1-Dichloroethene		74		77		110		110		110		290	
1,1-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2,3-Trichlorobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2,3-Trichloropropane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2,4-Trichlorobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2,4-Trimethylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2-Dibromo-3-chloropropane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2-Dibromoethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2-Dichlorobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2-Dichloroethane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,3,5-Trimethylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,3-Dichlorobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,3-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	10	U
1,4-Dichlorobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	U	5	U	5	U	5	U	5	U	5	U	10	U
2-Butanone	U	20	U	20	U	20	U	20	U	20	U	40	U
2-Chloroethylvinylether	U	15	U	15	U	15	U	15	U	15	U	30	U
2-Chlorotoluene	U	5	U	5	U	5	U	5	U	5	U	10	U
2-Hexanone	U	3	U	3	U	3	U	3	U	3	U	6	U
4-Chlorotoluene	U	5	U	5	U	5	U	5	U	5	U	10	U
4-Methyl-2-Pentanone	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	5	U
Acetone	B	15		13	B	16		14	B	17	B	20	U
Acrolein	U	50	U	50	U	50	U	50	U	50	U	100	U
Acrylamide	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	U	25	U	25	U	25	U	25	U	25	U	50	U
Benzene	U	5	U	5	U	5	U	5	U	5	U	10	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA		NA
Bromobenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
Bromochloromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Bromodichloromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Bromoform	U	5	U	5	U	5	U	5	U	5	U	10	U
Bromomethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Carbon Disulfide	U	15	U	15	U	15	U	15	U	15	U	30	U
Carbon Tetrachloride	U	5	U	5	U	5	U	5	U	5	U	10	U
Chlorobenzene	U	7		7.8		10		9.8		9.9		9.1	L
Chloroethane	U	5	U	5	U	3		3.5	L	2.7	L	10	U
Chloroform	U	5	U	5	U	5	U	5	U	5	U	10	U
Chloromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		60		61		74		73		74		85	
cis-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	10	U
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Dibromomethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Dichlorodifluoromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	U	15	U	15	U	15	U	15	U	15	U	30	U
Ethylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
Hexachlorobutadiene	U	5	U	5	U	5	U	5	U	5	U	10	U
Isopropylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
m&p-Xylene	U	10	U	10	U	10	U	10	U	10	U	20	U
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		580	E	720	E	620		610	E	630	E	180	
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	5	U	5	U	5	U	5	U	5	U	10	U
m-Xylene	NA		NA		NA		NA		NA		NA		NA
Naphthalene	U	5	U	5	U	5	U	5	U	5	U	10	U
n-Butylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
n-Propylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
o-Xylene	U	5	U	5	U	5	U	5	U	5	U	10	U
p-Isopropyltoluene	U	5	U	5	U	5	U	5	U	5	U	10	U
sec-Butylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
Styrene	U	5	U	5	U	5	U	5	U	5	U	10	U
tert-Butylbenzene	U	5	U	5	U	5	U	5	U	5	U	10	U
Tetrachloroethene	U	5	U	5	U	5	U	5	U	5	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	U	35	U	35	U	35	U	35	U	35	U	70	U
Toluene		12		7.8		8		8.1		8.1		10	U
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	U	5	U	5	U	5	U	5	U	5	U	10	U
trans-1,3-Dichloropropene	U	5	U	5	U	5	U	5	U	5	U	10	U
Trichloroethene		18		9.6		14		14		13		110	
Trichlorofluoromethane	U	5	U	5	U	5	U	5	U	5	U	10	U
Vinyl Acetate	U	30	U	30	U	30	U	30	U	30	U	60	U
Vinyl Chloride	U	6.6		5.2		8		7.3		8.2		8	L
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		82		86			NA		NA	95		360	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		60		55			NA		NA	79		370	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	U	0.6		0.8			NA		NA	1.1		14	U
Chlorobenzene	U	7.7		7			NA		NA	7.4		56	U
cis-1,2-Dichloroethene		47		44			NA		NA	48		88	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	0.5		0.6			NA		NA	0.9		14	U
Toluene		12		7.6			NA		NA	7.5		28	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene		13		7.3			NA		NA	10		129	
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	NA		NA		NA		NA		NA		NA		NA
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium	NA		NA		NA		NA		NA		NA		NA
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	NA		NA		NA		NA		NA		NA		NA
Chromium VI	NA		NA		NA		NA		NA		NA		NA
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper	NA		NA		NA		NA		NA		NA		NA
Cyanide	NA		NA		NA		NA		NA		NA		NA
Iron	NA		NA		NA		NA		NA		NA		NA
Lead	NA		NA		NA		NA		NA		NA		NA
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel	NA		NA		NA		NA		NA		NA		NA
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW01-0022		RM-GW01-0032		RM-GW01-0043-AVG		RM-GW01-0043		RM-GW-DP02		RM-GW01-0049	
Sample Location		1		1		1		1		1		1	
Date Sampled		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002		2/21/2002	
Interval		0.0-22.0		0.0-32.0		0.0-43.0		0.0-43.0		0.0-43.0		0.0-49.0	
QC Identifier		None		None		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		Field Dup. RM-GW01-0043		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium	NA		NA		NA		NA		NA		NA		NA
Tin	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc	NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	40	U	25		26		88		6		20	
1,1,2,2-Tetrachloroethane		NA	40	U	10	U		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	40	U	10	U		NA		NA		NA		NA
1,1-Dichloroethane		NA	370		44			NA		NA		NA	1	U
1,1-Dichloroethene		NA	220		5	J		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,2-Dichloroethane		NA	40	U	10	U		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA	600		25			NA		NA		NA		NA
1,2-Dichloropropane		NA	40	U	10	U		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA	40	U	10	U		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA	40	U	10	UJ		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	40	U	10	U		NA		NA		NA		NA
Acetone		NA	40	UJ	10	UJ		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene		NA	11	J	3	J	1	U		NA		NA	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	40	U	10	U	1	U		NA	1	U	29	
Bromoform		NA	40	U	10	U		NA		NA		NA		NA
Bromomethane		NA	40	UJ	10	U		NA		NA		NA		NA
Carbon Disulfide		NA	40	U	10	U		NA		NA		NA		NA
Carbon Tetrachloride		NA	40	U	10	U		NA		NA		NA		NA
Chlorobenzene		NA	8	J	3	J		NA		NA		NA	9	
Chloroethane		NA	40	U	5	J		NA		NA		NA		NA
Chloroform		NA	40	U	10	U	10		26		20		1	U
Chloromethane		NA	40	UJ	10	U		NA		NA		NA		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA	40	U	10	U		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA	40	U	10	U		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA	40	U	10	U	1	U		NA		NA	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA	40	U	10	UJ		NA		NA		NA		NA
m-Xylene		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene		NA	40	U	10	U		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	40	UJ	10	U	11		26		3		19	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene		NA	40	U	10	U	1	U		NA		NA	1	U
Total Xylenes		NA	40	U	10	U		NA		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	1	U
trans-1,3-Dichloropropene		NA	40	U	10	U		NA		NA		NA		NA
Trichloroethene		NA	40	U	5	J	227		361		175		1	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA	2	
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	35	J	15			NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	50	U		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	400			NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	170			NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	50	U		NA		NA		NA		NA		NA		NA
Benzene	50	U		NA		NA		NA		NA		NA		NA
Chlorobenzene	50	U		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	580			NA		NA		NA		NA		NA		NA
Ethylbenzene	50	U		NA		NA		NA		NA		NA		NA
m&p-Xylene	50	U		NA		NA		NA		NA		NA		NA
o-Xylene	50	U		NA		NA		NA		NA		NA		NA
Tetrachloroethene	50	U		NA		NA		NA		NA		NA		NA
Toluene	50	U		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	50	U		NA		NA		NA		NA		NA		NA
Trichloroethene	50	U		NA		NA		NA		NA		NA		NA
Vinyl Chloride	50	U		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U	10	U		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol		NA	25	U	25	U		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA	10	U	10	U		NA		NA		NA		NA
2,4-Dichlorophenol		NA	10	U	10	U		NA		NA		NA		NA
2,4-Dimethylphenol		NA	10	U	10	U		NA		NA		NA		NA
2,4-Dinitrophenol		NA	25	U	25	U		NA		NA		NA		NA
2,4-Dinitrotoluene		NA	10	U	10	U		NA		NA		NA		NA
2,6-Dinitrotoluene		NA	10	U	10	U		NA		NA		NA		NA
2-Chloronaphthalene		NA	10	U	10	U		NA		NA		NA		NA
2-Chlorophenol		NA	10	U	10	U		NA		NA		NA		NA
2-Methylnaphthalene		NA	10	U	10	U		NA		NA		NA		NA
2-Methylphenol		NA	10	U	10	U		NA		NA		NA		NA
2-Nitroaniline		NA	25	U	25	U		NA		NA		NA		NA
2-Nitrophenol		NA	10	U	10	U		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA	10	U	10	U		NA		NA		NA		NA
3-Nitroaniline		NA	25	U	25	U		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA	25	U	25	U		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA	10	U	10	U		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA	10	U	10	U		NA		NA		NA		NA
4-Chloroaniline		NA	10	U	10	UJ		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA	10	U	10	U		NA		NA		NA		NA
4-Methylphenol		NA	10	U	10	U		NA		NA		NA		NA
4-Nitroaniline		NA	25	U	25	U		NA		NA		NA		NA
4-Nitrophenol		NA	25	U	25	U		NA		NA		NA		NA
Acenaphthene		NA	10	U	10	U		NA		NA		NA		NA
Acenaphthylene		NA	10	U	10	U		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA	10	U	10	U		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA	10	U	10	U		NA		NA		NA		NA
Benzo(a)pyrene		NA	10	U	10	U		NA		NA		NA		NA
Benzo(b)fluoranthene		NA	10	U	10	U		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA	10	U	10	U		NA		NA		NA		NA
Benzo(k)fluoranthene		NA	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA	10	U	10	U		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA	10	U	10	U		NA		NA		NA		NA
Butylbenzylphthalate		NA	10	U	10	U		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole		NA	10	U	10	U		NA		NA		NA		NA
Chrysene		NA	10	U	10	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA	10	U	10	U		NA		NA		NA		NA
Dibenzofuran		NA	10	U	10	U		NA		NA		NA		NA
Diethylphthalate		NA	10	U	10	U		NA		NA		NA		NA
Dimethylphthalate		NA	10	U	10	U		NA		NA		NA		NA
Di-n-Butylphthalate		NA	10	U	10	U		NA		NA		NA		NA
Di-n-octylphthalate		NA	10	U	10	U		NA		NA		NA		NA
Fluoranthene		NA	10	U	10	U		NA		NA		NA		NA
Fluorene		NA	10	U	10	U		NA		NA		NA		NA
Hexachlorobenzene		NA	10	U	10	U		NA		NA		NA		NA
Hexachlorobutadiene		NA	10	U	10	U		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA	10	U	10	U		NA		NA		NA		NA
Hexachloroethane		NA	10	U	10	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	10	U	10	U		NA		NA		NA		NA
Isophorone		NA	10	U	10	U		NA		NA		NA		NA
Naphthalene		NA	10	U	10	U		NA		NA		NA		NA
Nitrobenzene		NA	10	U	10	U		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA	10	U	10	U		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA	10	U	10	U		NA		NA		NA		NA
Pentachlorophenol		NA	25	U	25	U		NA		NA		NA		NA
Phenanthrene		NA	10	U	10	U		NA		NA		NA		NA
Phenol		NA	10	U	3	J		NA		NA		NA		NA
Pyrene		NA	10	U	10	U		NA		NA		NA		NA
Total PAH		NA	10	U	10	U		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD		NA	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE		NA	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT		NA	0.10	U		NA		NA		NA		NA		NA

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Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin		NA	0.050	U		NA		NA		NA		NA		NA
alpha-BHC		NA	0.050	U		NA		NA		NA		NA		NA
alpha-Chlordane		NA	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA	1.1	U		NA		NA		NA		NA		NA
Aroclor-1016		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221		NA	2.0	U		NA		NA		NA		NA		NA
Aroclor-1232		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1260		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1262		NA	1.0	U		NA		NA		NA		NA		NA
Aroclor-1268		NA	1.0	U		NA		NA		NA		NA		NA
beta-BHC		NA	0.050	U		NA		NA		NA		NA		NA
delta-BHC		NA	0.050	U		NA		NA		NA		NA		NA
Dieldrin		NA	0.10	U		NA		NA		NA		NA		NA
Endosulfan I		NA	0.050	U		NA		NA		NA		NA		NA
Endosulfan II		NA	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA	0.10	U		NA		NA		NA		NA		NA
Endrin		NA	0.10	U		NA		NA		NA		NA		NA
Endrin Aldehyde		NA	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone		NA	0.10	U		NA		NA		NA		NA		NA
gamma-BHC		NA	0.050	U		NA		NA		NA		NA		NA
gamma-Chlordane		NA	0.050	U		NA		NA		NA		NA		NA
Heptachlor		NA	0.050	U		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA	0.050	U		NA		NA		NA		NA		NA
Methoxychlor		NA	0.50	U		NA		NA		NA		NA		NA
Toxaphene		NA	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA	13.4	U		NA		NA		NA		NA		NA
Antimony		NA	4.0	U		NA		NA		NA		NA		NA
Arsenic		NA	6.0	UJ		NA		NA		NA		NA		NA
Barium		NA	3.7	U		NA	550		500	U	500	U	500	U
Beryllium		NA	1.0	U		NA		NA		NA		NA		NA
Cadmium		NA	1.0	UJ		NA	220		10.0	U	70.0		30.0	
Calcium		NA	20300			NA		NA		NA		NA		NA
Chromium		NA	1.0	UJ		NA	690			NA		NA		NA
Chromium VI		NA		NA		NA	50.0	U	100		50.0	U	50.0	U
Cobalt		NA	2.0	U		NA		NA		NA		NA		NA
Copper		NA	33.7	U		NA	1720		50.0		250		60.0	
Cyanide		NA		NA		NA		NA	1200		600		350	
Iron		NA	20800			NA	145900		70.0		50.0	U	110	
Lead		NA	3.0	U		NA	140		50.0	U	50.0	U	50.0	U
Magnesium		NA	34300			NA		NA		NA		NA		NA
Manganese		NA	181	J		NA		NA		NA		NA		NA
Mercury		NA	0.20	U		NA		NA		NA		NA		NA
Nickel		NA	1.6	U		NA	1940		670		1500		830	
Potassium		NA	13200			NA		NA		NA		NA		NA
Selenium		NA	3.0	U		NA		NA		NA		NA		NA
Silver		NA	1.0	U		NA		NA		NA		NA		NA
Sodium		NA	187000			NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-FCP1		OU2-MW-FCP1-01		OU2-GW-01		MW-1-062483		MW-1-020384		MW-1-043084		MW-1-080184	
Sample Location	FCP-1		FCP-1		GW-01		MW-1		MW-1		MW-1		MW-1	
Date Sampled	8/18/1997		11/20/1997		3/26/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984	
Interval	13.0-13.0		0.0-0.0		0.0-0.0		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium		NA	6.0	U		NA		NA		NA		NA		NA
Tin		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA	2.4	J		NA		NA		NA		NA		NA
Zinc		NA	9.5	U		NA	140			NA	1360		340	
Wet Chemistry Analysis														
Alkalinity		NA	186			NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride		NA	259			NA	21.12		21.12		39.6		102.5	
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA	66.6			NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	8.1		1	U	1	U	6		3.7		14.8		18
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U	1
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1.7
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1.3
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1.3
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U	10.5		1	U	1	U	1	U	1
Benzyl Chloride		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U	1
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform	1	U	1	U	1	U	1	U	1	U	1	U	1
Chloromethane		NA		NA		NA		NA		NA		NA	
Chlorotoluene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Dibromomethane		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U	10	U	10
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U	1	U	6		1	U	1	U	1
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	1	U	1	U	1		1.2		1.4		3

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Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	1	U	1	U	3.3
Total Xylenes	1	U	1	U	1	U	1	U	1	U	1	U	1
trans-1,2-Dichloroethene	1	U	1	U	1	U	4		2.5		2.5		5
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene	250.9		58.7		561.5		254		670		197		480
Trichlorofluoromethane	1	U	1	U	1	U		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U	500	U	40.0
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	20.0		10.0	U	10.0	U	10.0	U	10.0	U	10.0		10.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA	20.0		50.0	U	60.0		30.0
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	20.0		50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	120		10.0	U	10.0	U	20.0		40.0		20.0		20.0
Cyanide	200		100		10.0		50.0	U	20.0		20.0		20.0
Iron	250		50.0	U	50.0	U	260		320		420		80.0
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	1170		660		960		650		1050		810		710
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-110184		MW-1-020185		MW-1-050185		MW-1-090185		MW-1-010186		MW-1-040186		MW-1-070186
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium		NA		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	340		270		190		60.0		130		210		100
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	62.8		39.98		18.0		63.54		11.8		13.0		1.35
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA	10	U		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		10	U		NA	1.6		5.6		4.7		1	U
1,1,2,2-Tetrachloroethane	NA	10	U		NA	1	U	1	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA	10	U		NA	1	U	1	U		NA		NA
1,1-Dichloroethane	U	10	U		NA	1	U	1	U	1	U	1	U
1,1-Dichloroethene	NA	10	U		NA	1	U	1	U		NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		10	U		NA	1	U	1	U	1	U	1	U
1,2-Dichloroethane	NA	10	U		NA	1	U	1	U		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA	10	U		NA	1	U	1	U		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		10	U		NA	1	U	1	U	1	U	1	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		10	U		NA	1	U	1	U	1	U	1	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA	10	U		NA	1	U	1	U		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA	50	U	50	U		NA		NA
2-Chloroethylvinylether	NA	10	U		NA	10	U	10	U		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA	50	U	50	U		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA	50	U	50	U		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	U	1	U		NA	1	U	1	U	1	U	1	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA	10	U		NA	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA	10	U		NA	10	U	10	U		NA		NA
Bromobenzene	NA	10	U		NA	1	U	1	U		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U		NA	1	U	1	U	1	U	1	U
Bromoform	NA	10	U		NA	1	U	1	U		NA		NA
Bromomethane	NA	25	U		NA	1	U	1	U		NA		NA
Carbon Disulfide	NA		NA		NA	50	U	50	U		NA		NA
Carbon Tetrachloride	NA	10	U		NA	1	U	1	U		NA		NA
Chlorobenzene	U	10	U		NA	1	U	1	U	1	U	1	U
Chloroethane	NA	10	U		NA	10	U	10	U		NA		NA
Chloroform		10	U		NA	1	U	1	U	1	U	1	U
Chloromethane	NA	25	U		NA	1	U	1	U		NA		NA
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA	1	U	1	U		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA	10	U		NA	1	U	1	U		NA		NA
Dibromomethane	NA		NA		NA	1	U	1	U		NA		NA
Dichlorodifluoromethane	U	10	U		NA		NA		NA	10	U	10	U
Dichloropropene, 1,3-	NA	10	U		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA	50	U	50	U		NA		NA
Ethylbenzene	U	1	U		NA	1	U	1	U	1	U	1	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	10	U		NA	1	U	1	U	1	U	1	U
m-Xylene	NA		NA		NA	1	U	1	U		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA	1	U	1	U		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		10	U		NA	1	U	2		1.7		780	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene		1	U		NA	1	U	1	U	1	U	1	U
Total Xylenes	U	1	U		NA		NA		NA	1	U	1	U
trans-1,2-Dichloroethene		10	U		NA	4.6		2.7		1	U	4	
trans-1,3-Dichloropropene	NA		NA		NA	1	U	1	U		NA		NA
Trichloroethene		205			NA	99.2		224		1		1	U
Trichlorofluoromethane	NA	10	U		NA	1	U	1	U	1	U	1	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA	50	U		NA	10	U	10	U		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium		50.0	U	60.0		10.0	U	10.0	U	500	U	500	U
Beryllium	NA	10.0			NA		NA		NA		NA		NA
Cadmium	U		NA	20.0		10.0		10.0		20.0		10.0	
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium		20.0		130		110		50.0		60.0		110	
Chromium VI	U	10.0	U		NA	50.0	U	50.0	U	50.0	U	110	
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper		60.0			NA	40.0		50.0		10.0	U	60.0	
Cyanide		10.0	U		NA	400		50.0	U	40.0		50.0	U
Iron		80.0			NA	50.0		160		50.0	U	50.0	U
Lead	U	50.0	U	20.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA	1.0	U		NA		NA		NA
Nickel		920			NA	900		1000		1220		1280	
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA	10.0	U		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-102886		MW-1-010387		MW-1-042487		MW-1-072787		MW-1-120187		MW-1-020188	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium	NA		NA		NA		NA		NA		NA		NA
Tin	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc		200			NA		NA	240		220		280	
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride		11.7			NA	4.0		8.0		15.0			NA
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	6		17		1	U	1		7		4		1
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U	1
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Benzyl Chloride		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U	1
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform	1	U	1	U	1	U	1	U	1	U	1	U	1
Chloromethane		NA		NA		NA		NA		NA		NA	
Chlorotoluene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Dibromomethane		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U		NA	10
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	1	U	1
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	3.4		3		1	U	2		3		1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	1	U	1	U	1
Total Xylenes	1	U	1	U	1	U	1	U	1	U	1	U	1
trans-1,2-Dichloroethene	1	U	17.8		1	U	42		4		1	U	1
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene	370		1		350		182		330		60		217
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	1	U	1
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	10.0		20.0		20.0		10.0		10.0		10.0		10.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	110		160		50.0		70.0		120		50.0	U	70.0
Chromium VI	110		60.0		50.0	U	50.0	U	150		50.0	U	70.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	40.0		300		190		50.0		30.0		40.0		30.0
Cyanide	50.0	U	300		50.0	U	50.0	U	670		660		50.0
Iron	180		680		400		400		140		1690		120
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	900		1120		1200		1060		760		700		970
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-1-050188		MW-1-080188		MW-1-110188		MW-1-010189		MW-1-050189		MW-1-080189		MW-1-100189
Sample Location	MW-1		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1
Date Sampled	5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989
Interval	9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium		NA		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	250			U	360		200		160		120		220
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride		NA	13.0		68.0			U	8.0		11.0		34.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	1	U	1	U	2		1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	NA		NA		NA	1	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA	1	U		NA		NA		NA
1,1-Dichloroethane	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	NA		NA		NA	1	U		NA		NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	U	1	U	1	U	1	U		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA	1	U		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA	1	U		NA		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U	1	U	1	U	1	U		NA		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U	1	U	1	U	1	U		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA		NA		NA	1	U		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether	NA		NA		NA	10	U		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	U	1	U	1	U	1	U		NA		NA		NA
Benzyl Chloride	NA		NA		NA	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA	10	U		NA		NA		NA
Bromobenzene	NA		NA		NA	1	U		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	1	U	1	U	1	U		NA		NA		NA
Bromoform	NA		NA		NA	1	U		NA		NA		NA
Bromomethane	NA		NA		NA	10	U		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA	1	U		NA		NA		NA
Chlorobenzene	U	1	U	1	U	1	U		NA		NA		NA
Chloroethane	NA		NA		NA	10	U		NA		NA		NA
Chloroform	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloromethane	NA		NA		NA	10	U		NA		NA		NA
Chlorotoluene	NA		NA		NA	1	U		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA	1	U		NA		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA	1	U		NA		NA		NA
Dibromomethane	NA		NA		NA	1	U		NA		NA		NA
Dichlorodifluoromethane	U	10	U	10	U		NA		NA		NA		NA
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA	1	U		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	1	U	1	U	1	U		NA		NA		NA
m-Xylene	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA	1	U		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	1	U	1	U	1		1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	U	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	U	1	U	1	U		NA	1	U	1	U	1	U
trans-1,2-Dichloroethene	U	7		1	U	1	U	5		1	U	1	U
trans-1,3-Dichloropropene	NA		NA		NA	1	U		NA		NA		NA
Trichloroethene		550		305		182		1		336		307	
Trichlorofluoromethane	U	1	U	1	U	1	U		NA		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA	10	U		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	U	500	U	500	U	500	U	500	U	500	U	500	U
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium		10.0	U	10.0	U	10.0	U	10.0		270		10.0	U
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium		110		150		50.0	U	60.0		6000		8000	
Chromium VI		110		150		50.0	U	60.0		50.0	U	260	
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper		20.0		10.0	U	30.0		20.0		40.0		20.0	
Cyanide	U	200		250		230		20.0		50.0	U	430	
Iron		50.0	U	280		110		50.0	U	100		50.0	U
Lead	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel		510		460		530		760		6000		740	
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-1-020190		MW-1-050190		MW-1-112090		MW-1-021892		MW-1-051892		MW-1-081892	
Sample Location		MW-1		MW-1		MW-1		MW-1		MW-1		MW-1	
Date Sampled		2/1/1990		5/1/1990		11/20/1990		2/18/1992		5/18/1992		8/18/1992	
Interval		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8		9.8-19.8	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium	NA		NA		NA		NA		NA		NA		NA
Tin	NA		NA		NA		NA	10.0			NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc		110		50.0		110		160		760			NA
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride		7.1		6.4		17.0		11.0		6.0		8.0	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	UJ	10	U	15	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	UJ	10	U	15	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U	10	U
1,1,2-Trichloroethane	10	U	10	UJ	10	U	15	U	10	U	10	U
1,1-Dichloroethane	10	U	2	J	24		16.5		10	U	10	U
1,1-Dichloroethene	0.9	U	1	J	15		4		0.9	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U	10	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	15	U	10	U	10	U
1,2-Dichloroethene (total)		NA	4	J		NA	21			NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	15	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U	10	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA		NA	100	UJ
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	UJ	10	U	15	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	10	U	15	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	UJ	10	U	15	U	10	U	10	U
Acetone	10	U	10	UJ	10	UJ	15	U	10	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	3	J	5	J	52.5		17		17	
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	2	J	10	U	15	U	10	U	10	U
Bromoform	10	U	10	UJ	10	U	15	U	10	U	10	U
Bromomethane	10	UJ	10	U	10	U	15	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	15	U	4		10	U
Carbon Tetrachloride	10	U	10	UJ	10	U	15	U	10	U	10	U
Chlorobenzene	10	U	6	J	190		165		3600		3700	*
Chloroethane	10	U	10	U	4	J	16		10	U	10	U
Chloroform	10	U	10	U	1	J	15	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	15	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	J		NA	34			NA	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	15	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	15	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	U		NA	10	U	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	2		4		10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	7		7	J
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U	10	U
Methyl tert-Butyl Ether	10	U		NA	210			NA	10	U	10	U
Methylcyclohexane	10	U		NA	10	U		NA	10	U	10	U
Methylene Chloride	10	UJ	10	U	10	UJ	15	U	10	UJ	10	UJ
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		R	10	U		NA	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	15	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	3	J	10	U	3		10	U	10	U
Total Xylenes	10	U	1	J	10	U	52.5		4		10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	15	U	10	U	10	U
Trichloroethene	140		7	J	4	J	5.5		10	U	10	U
Trichlorofluoromethane	10	UJ		NA	10	U		NA	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	6		8		1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U	10	U
1,2,4-Trichlorobenzene		NA	10	UJ		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ	10	U	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10		10	
2-Methylnaphthalene	10	U	10	U	10	U	1		10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	U		NA	10	U	10	U
Benzaldehyde	10	UJ		NA	10	U		NA	10	U	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	12			NA	10	U		NA	3		10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ		R	10	U		NA	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	6		10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	6			NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Aldrin	0.050	U		R	0.050	U		NA	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	1.0	UJ	0.28	U	1.0	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	UJ
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U
Endosulfan I	0.050	U		R	0.050	U		NA	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U		R	0.020	U		NA	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA	1.0	J		NA	1.5	U	1.5	U
1,2,3,4,6,7,8-HpCDF		NA		NA	0.53	J		NA	0.80	U	0.80	U
1,2,3,4,7,8,9-HpCDF		NA		NA	0.36	EMPC		NA	1.1	UJ	1.1	UJ
1,2,3,4,7,8-HxCDD		NA		NA	0.38	J		NA	0.90	U	0.90	U
1,2,3,4,7,8-HxCDF		NA		NA	0.99	U		NA	1.0	U	1.0	U
1,2,3,6,7,8-HxCDD		NA		NA	0.37	J		NA	0.80	U	0.80	U
1,2,3,6,7,8-HxCDF		NA		NA	0.42	J		NA	0.60	U	0.60	U
1,2,3,7,8,9-HxCDD		NA		NA	0.42	J		NA	0.90	U	0.90	U
1,2,3,7,8,9-HxCDF		NA		NA	0.45	J		NA	0.70	UJ	0.70	UJ
1,2,3,7,8-PeCDD		NA		NA	0.20	U		NA	1.1	U	1.1	U

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Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF		NA		NA	0.10	UJ		NA	0.78		1.3	J
2,3,4,6,7,8-HxCDF		NA		NA	0.38	J		NA	0.60	U	0.60	U
2,3,4,7,8-PeCDF		NA		NA	0.97	J		NA	0.60	U	0.60	U
2,3,7,8-TCDD		NA		NA	0.30	EMPC		NA	0.70	UJ	0.70	UJ
2,3,7,8-TCDF		NA		NA	0.48	J		NA	0.60	U	0.60	U
OCDD		NA		NA	7.2	U		NA	4.6	U	4.6	U
OCDF		NA		NA	1.2	J		NA	2.0	U	2.0	U
Total HpCDD		NA		NA	2.4	J		NA	1.5	UJ	1.5	UJ
Total HpCDF		NA		NA	0.89	EMPC		NA	0.90	UJ	0.90	UJ
Total HxCDD		NA		NA	1.4	EMPC		NA	0.90	UJ	0.90	UJ
Total HxCDF		NA		NA	2.2	UJ		NA	1.0	UJ	1.0	UJ
Total PeCDD		NA		NA	0.20	UJ		NA	1.1	UJ	1.1	UJ
Total PeCDF		NA		NA	0.97	J		NA	0.78		1.3	J
Total TCDD		NA		NA	0.30	EMPC		NA	1.9		3.5	EMPC
Total TCDF		NA		NA	0.70	J		NA	0.80		1.3	EMPC
Toxicity Equivalency		NA		NA	1.1	J		NA	0.038		0.065	J
TAL Metal Analysis (UG/L)												
Aluminum	25.0	UJ	9270	J	11400		203	U	56.6	UJ	56.6	UJ
Antimony	3.5	U	4.0	U	4.2	U	4.0	U	4.2	U	4.2	U
Arsenic	5.1	UJ	18.6	J	7.1	UJ	90.5		114		112	
Barium	30.2	J	41.8	J	20.8		95.1		71.8		70.8	
Beryllium	1.1	U	6.6	U	8.9		1.0	U	0.50	U	0.50	U
Cadmium	9.9	J	5.0	J	6.0	J	1.0	U	2.9	U	2.9	U
Calcium	8540	J	487000		503000		33600		30200		30300	
Chromium	193		1.0	UJ	2.8	J	4.6	U	1.5	U	1.5	U
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	0.74	UJ	529		351		3.5		3.2	U	3.2	U
Copper	45.2		60.1	UJ	51.0	J	31.3	U	2.5	U	2.5	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron	19.5	U	1040	J	27.4	U	52000		38600		38400	
Lead	1.5	U	3.0	U	3.8	UJ	3.0	U	1.8	UJ	1.8	UJ
Magnesium	2470		186000		211000		8950		9940		9960	
Manganese	17.3	J	49200		66100		9540		6300		6290	
Mercury	0.10	U	0.20	U	0.15	UJ	0.20	U	0.26	UJ	0.26	UJ
Nickel	422	J	370	J	458		6.8		3.9		4.0	J
Potassium	2140	J	21900		21900		9270		8770		8660	
Selenium	2.2	UJ	9.1	J	17.2		3.0	U	3.6	UJ	3.6	UJ
Silver		R	1.0	U	15.0	J	1.4	U	3.7		2.9	J
Sodium	4290		28600		32700		108000		110000		110000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-1-07		DK-MW-1B-01		OU2-MW-1B-07		DK-MW-1M-01-AVG		OU2-MW-1M-07-AVG		OU2-MW-1M-07	
Sample Location	MW-1		MW-1B		MW-1B		MW-1M		MW-1M		MW-1M	
Date Sampled	1/15/2003		12/3/1997		7/24/2003		12/3/1997		7/24/2003		7/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Duplicate 10		Field Dup. OU2-MW-1M-07		Field Dup. OU2-MW-1M-07	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Thallium	4.0	UJ	6.0	U	94.2		7.7		5.6	UJ	5.6	UJ
Tin		NA		NA		NA		NA		NA		NA
Vanadium	0.80	U	1.0	U	4.1	J	1.0	U	1.2		1.4	U
Zinc	165	J	573	J	736		37.3	U	44.4	UJ	44.4	UJ
Wet Chemistry Analysis												
Alkalinity		NA	17.0		10.0		225		301		304	
Carbon Dioxide		NA		NA	341			NA	435		435	
Chloride		NA	30.8		78.1		74.4		44.0		44.3	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA	0.050	U		NA	0.050	U	0.050	U
Nitrate-Nitrite (as N)		NA	0.10	U		NA	0.10	U		NA		NA
Nitrite-N		NA		NA	0.050	U		NA	0.050	U	0.050	U
Sulfate		NA	2050		1070		58.3		5.0	U	5.0	U
Sulfide		NA		NA	0.50	U		NA	0.50	U	0.50	U
Total Organic Carbon		NA		NA	9.04			NA	24.0		21.9	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	170	U	10	U	250	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	170	U	10	U	250	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	170	U	10	U	250	U	10	U	10	U
1,1-Dichloroethane	10	U	170	U	10	U	250	U	10	U	10	U
1,1-Dichloroethene	0.9	U	170	UJ	0.9	U	250	U	0.9	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U		NA
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	9	J		NA
1,2-Dichloroethane	10	U	170	U	10	U	250	U	10	U	10	U
1,2-Dichloroethene (total)		NA	170	U		NA	250	U		NA	10	U
1,2-Dichloropropane	10	U	170	U	10	U	250	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	170	U	10	U	250	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	170	U	10	U	250	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	170	U	10	U	250	U	10	U	10	U
Acetone	10	UJ	63	J	10	UJ	250	UJ	10	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	17		140	J	11		250	U	10	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	170	U	10	U	250	U	10	U	10	U
Bromoform	10	U	170	U	10	U	250	U	10	U	10	U
Bromomethane	10	U	170	U	10	U	250	U	10	U	10	U
Carbon Disulfide	3	J	170	U	10	U	250	U	10	U	10	U
Carbon Tetrachloride	10	U	170	U	10	U	250	U	10	U	10	U
Chlorobenzene	3600	*	170	U	43		250	U	10	U	10	U
Chloroethane	10	U	26	J	10	U	250	U	10	U	10	U
Chloroform	10	U	170	U	10	U	250	U	5	J	10	U
Chloromethane	10	U	170	U	10	U	250	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	10	U		NA	10	U		NA	19			NA
cis-1,3-Dichloropropene	10	U	170	U	10	U	250	U	10	U	10	U
Cyclohexane	10	U		NA	100			NA	10	U		NA
Dibromochloromethane	10	U	170	U	10	U	250	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA	10	U		NA	10	UJ		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	2	J	880		1000	*	250	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	7	J		NA	60			NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U		NA
Methylcyclohexane	10	U		NA	130			NA	10	U		NA
Methylene Chloride	10	UJ	170	U	10	UJ	250	U	10	U	10	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		R	10	U	250	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	170	U	10	U	250	U	14		10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	380		300		250	U	10	U	10	U
Total Xylenes	4	J	2900		2900	*	250	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	170	U	10	U	250	U	10	U	10	U
Trichloroethene	10	U	170	U	10	U	2800		3000		2.5	
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	170	U	1	U	250	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA	10	U		NA	30	U
1,2-Dichlorobenzene		NA	10	U		NA	8	J		NA	30	U
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	30	U
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	30	U
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ	10	U	10	U	10	U	30	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	72.5	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	30	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	30	U
2,4-Dimethylphenol	10	U	14		10	U	10	U	10	U	30	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	UJ	25	U	72.5	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	30	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	30	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	30	U
2-Chlorophenol	9	J	10	U	10	U	10	U	10	U	30	U
2-Methylnaphthalene	10	U	44		41		10	U	10	U	30	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	30	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	72.5	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	30	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	30	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	72.5	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	72.5	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	30	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	30	U
4-Chloroaniline	10	U	10	U	10	U	10	U	10	U	30	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	30	U
4-Methylphenol	10	U	10	U	5	J	10	U	10	U	30	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ	72.5	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	72.5	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	30	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	30	U
Acetophenone	10	U		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	30	U
Atrazine	10	U		NA	10	U		NA	10	U		NA
Benzaldehyde	10	U		NA	10	U		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	30	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	30	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	30	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	30	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	30	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	30	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	30	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	57.5	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	30	U
Caprolactam	1	J		NA	10	U		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Carbazole	10	U	10	U	10	U	10	U	10	U	30	U
Chrysene	10	U	10	U	10	U	10	U	10	U	30	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	30	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	30	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	30	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	30	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	30	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	30	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	30	U
Fluorene	10	U	10	U	10	U	10	U	10	U	30	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	30	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	30	U
Hexachlorocyclopentadiene	10	U		R	10	U	10	U	10	U	30	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	30	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	30	U
Isophorone	10	U	10	U	10	U	10	U	10	U	30	U
Naphthalene	10	U	330	*	260	*	10	U	10	U	30	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	30	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	30	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	30	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	72.5	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	30	U
Phenol	10	U	10	U	10	U	10	U	10	U	30	U
Pyrene	10	U	10	U	10	U	10	U	10	U	30	U
Total PAH		NA	330			NA	10	U		NA	30	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Aldrin	0.050	U		R	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.28	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	U		R	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U		R	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD	1.7	U		NA	23.9	U		NA	1.4	U		NA
1,2,3,4,6,7,8-HpCDF	1.0	U		NA	14.6	U		NA	0.80	U		NA
1,2,3,4,7,8,9-HpCDF	1.3	UJ		NA	17.5	UJ		NA	1.0	U		NA
1,2,3,4,7,8-HxCDD	0.90	U		NA	11.7	U		NA	0.90	U		NA
1,2,3,4,7,8-HxCDF	1.0	U		NA	6.7	U		NA	0.60	U		NA
1,2,3,6,7,8-HxCDD	0.90	U		NA	10.8	U		NA	0.90	U		NA
1,2,3,6,7,8-HxCDF	0.60	U		NA	6.3	U		NA	0.60	U		NA
1,2,3,7,8,9-HxCDD	0.90	U		NA	11.7	U		NA	0.90	U		NA
1,2,3,7,8,9-HxCDF	0.80	UJ		NA	7.8	UJ		NA	0.70	U		NA
1,2,3,7,8-PeCDD	1.1	U		NA	6.3	U		NA	0.80	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
1,2,3,7,8-PeCDF	0.50	U		NA	3.3	U		NA	0.60	U		NA
2,3,4,6,7,8-HxCDF	0.60	U		NA	6.4	U		NA	0.70	U		NA
2,3,4,7,8-PeCDF	0.50	U		NA	4.1	U		NA	0.60	U		NA
2,3,7,8-TCDD	0.70	UJ		NA	3.5	UJ		NA	0.90	U		NA
2,3,7,8-TCDF	0.60	U		NA	3.0	U		NA	0.60	U		NA
OCDD	3.4	U		NA	75.9	UJ		NA	3.3	UEMPC		NA
OCDF	2.5	U		NA	58.7	UJ		NA	1.4	U		NA
Total HpCDD	1.7	UJ		NA	23.9	UJ		NA	1.4	UJ		NA
Total HpCDF	1.1	UJ		NA	15.9	UJ		NA	0.90	UJ		NA
Total HxCDD	0.90	UJ		NA	11.4	UJ		NA	0.90	UJ		NA
Total HxCDF	1.0	UJ		NA	6.8	UJ		NA	0.60	UJ		NA
Total PeCDD	1.1	UJ		NA	6.3	UJ		NA	0.80	UJ		NA
Total PeCDF	0.50	UJ		NA	3.6	UJ		NA	0.60	UJ		NA
Total TCDD	0.70	UJ		NA	3.5	UJ		NA	0.90	UJ		NA
Total TCDF	0.60	UJ		NA	3.0	UJ		NA	0.60	UJ		NA
Toxicity Equivalency	0.020	UJ		NA	0.00	UJ		NA	0.00	UJ		NA
TAL Metal Analysis (UG/L)												
Aluminum	68.2	UJ	123	UJ	49.2	U	30.0	UJ	21.8	U	109000	
Antimony	4.2	U	10.9		4.2	U	4.0	U	4.3	UJ	100	U
Arsenic	116		34.6		15.6	UJ	6.0	U	2.5	U	10.0	U
Barium	72.8		90.3		39.6		22.7		19.2		19.1	
Beryllium	0.50	U	1.0	U	0.50	U	1.0	U	0.10	U	42.55	
Cadmium	2.9	U	1.0	U	2.9	U	1.0	U	0.40	U	16.9	
Calcium	30200		39200		19100		211000		189000		441000	
Chromium	1.5	U	1.0	UJ	1.5	U	2.9		2.0		27.85	
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	3.2	U	12.9		5.5	J	24.2		30.4		2765	
Copper	2.5	U	96.0	U	2.5	U	37.3	U	9.3	U		NA
Cyanide		NA		NA		NA		NA	1.4	J		NA
Iron	38900		45900	J	16900		119	U	13.7	U	847500	
Lead	2.6	UJ	4.7	J	2.5	UJ	3.0	UJ	2.3	U	3.0	U
Magnesium	9920		9800		5790		62000		69300		450500	
Manganese	6310		10300		4520		1030		1510		224000	
Mercury	0.58	UJ	0.20	U	0.10	U	0.20	UJ	0.10	U	0.10	U
Nickel	3.8	J	4.0	U	5.0	J	9.3	UJ	8.8		2605	
Potassium	8880		8900		4990		7590		9800		22600	
Selenium	3.6	UJ	3.3	J	3.6	UJ	3.0	U	3.3	U	10.0	U
Silver	4.5	J	2.9	U	2.4	UJ	1.0	U	0.96	J	6.0	U
Sodium	111000		67500		39400		78100		83100		65700	

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Sample Number	OU2-MW-DUP30-07		DK-MW-1S-01		OU2-MW-1S-07		CP-MW-BR1-01		OU2-MW-BR-1-07		OU1-PC-01B-01-AVG	
Sample Location	MW-1M		MW-1S		MW-1S		MW-BR-1		MW-BR-1		MW-PC01B	
Date Sampled	7/24/2003		12/3/1997		7/24/2003		11/18/1997		12/20/2002		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-1M-07		None		None		None		None		Field Dup. 2	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Thallium	5.6	UJ	6.0	U	5.6	UJ	6.0	U	5.1	U	5.0	U
Tin		NA		NA		NA		NA		NA		NA
Vanadium	1.6	J	1.0	U	1.4	U	1.0	U	0.78	J	64.6	
Zinc	40.6	UJ	20.2	UJ	108	U	122	J	30.6		3675	
Wet Chemistry Analysis												
Alkalinity	298		220		80.0		71.0			NA	2.0	U
Carbon Dioxide	434			NA	126			NA		NA		NA
Chloride	43.7		71.3		43.1		222			NA	100	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate	0.050	U		NA	0.050	U		NA		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA	11.9			NA	0.10	U
Nitrite-N	0.050	U		NA	0.050	U		NA		NA		NA
Sulfate	5.0	U	19.4		9.32		445			NA	6180	
Sulfide	0.50	U		NA	0.50			NA		NA		NA
Total Organic Carbon	26.0			NA	19.4			NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	165	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	85	
1,1-Dichloroethene	0.9	U	10	U	10	U	0.9	U	67.5	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U		NA
1,2-Dibromoethane	10	U		NA		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	2	J	3			NA	59.5	
1,2-Dichloropropane	10	U	10	UJ	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,4-Dioxane	100	UJ		NA		NA	100	UJ		NA
1-Chlorohexane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	UJ	10	U	10	U	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	U	10	U	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	53	UJ	10	U	10	U	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	4	J	8		10	U	13	
Benzyl Chloride		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	1	J	10	U	8		7	J	30	
Chloroethane	10	U	10	UJ	10	U	10	U	12.5	
Chloroform	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	2	J		NA		NA	4	J		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA	10	UJ		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U		NA
Methyl tert-Butyl Ether	6	J		NA		NA	65			NA
Methylcyclohexane	10	U		NA		NA	10	U		NA
Methylene Chloride	10	UJ	10	U	10	U	10	UJ	10	U
m-Xylene		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	2	J	5	J	8		9	J	2.5	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	UJ	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	7	J	14.5		10	U	5	
Trichlorofluoromethane	10	U		NA		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	10	U	1	U	10	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA	10.0	U		NA
Ethene	10.0	U		NA		NA	10.0	U		NA
Methane	59.0			NA		NA	190			NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U	10	U		NA	10	U
1,3-Dichlorobenzene		NA	10	U	10	U		NA	10	U
1,4-Dichlorobenzene		NA	10	U	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	UJ	25	U	25	U	25	UJ	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	UJ	25	UJ	25	U	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA		NA	10	U		NA
Benzaldehyde	10	UJ		NA		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	U	10	U	10	UJ	10	U
Hexachlorocyclopentadiene	10	UJ	10	U	10	U	10	UJ	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	UJ	10	U	10	U	10	UJ	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U	10	UJ	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA
Chrysene	0.20	U		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA
Phenanthrene	0.20	U		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.28	U	1.0	UJ	1.0	U	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U		NA	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (pg/L)										
1,2,3,4,6,7,8-HpCDD	6.5	U		NA		NA	1.9	U		NA
1,2,3,4,6,7,8-HpCDF	4.7	U		NA		NA	1.4	U		NA
1,2,3,4,7,8,9-HpCDF	6.6	U		NA		NA	1.9	U		NA
1,2,3,4,7,8-HxCDD	4.8	U		NA		NA	1.5	U		NA
1,2,3,4,7,8-HxCDF	3.3	U		NA		NA	1.1	U		NA
1,2,3,6,7,8-HxCDD	4.7	U		NA		NA	1.4	U		NA
1,2,3,6,7,8-HxCDF	3.1	U		NA		NA	1.0	U		NA
1,2,3,7,8,9-HxCDD	4.8	U		NA		NA	1.5	U		NA
1,2,3,7,8,9-HxCDF	4.4	U		NA		NA	1.4	U		NA
1,2,3,7,8-PeCDD	5.9	U		NA		NA	1.4	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	2.9	U		NA		NA	1.0	U		NA
2,3,4,6,7,8-HxCDF	3.6	U		NA		NA	1.2	U		NA
2,3,4,7,8-PeCDF	3.0	U		NA		NA	2.6	J		NA
2,3,7,8-TCDD	5.1	U		NA		NA	2.0	U		NA
2,3,7,8-TCDF	4.0	U		NA		NA	1.7	U		NA
OCDD	10.6	EMPC		NA		NA	13.3	JB		NA
OCDF	7.4	U		NA		NA	2.3	U		NA
Total HpCDD	6.5	U		NA		NA	1.9	U		NA
Total HpCDF	5.5	U		NA		NA	1.6	U		NA
Total HxCDD	17.5	EMPC		NA		NA	15.5	EMPC		NA
Total HxCDF	3.5	U		NA		NA	1.1	U		NA
Total PeCDD	5.9	U		NA		NA	3.4	EMPC		NA
Total PeCDF	3.0	U		NA		NA	2.6			NA
Total TCDD	4.9			NA		NA	2.0	U		NA
Total TCDF	4.0	U		NA		NA	1.7	U		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	127000		139000		54550		89800		2485	
Antimony	3.5	U	50.0	U	4.0	U	3.5	U	50.0	U
Arsenic	74.4	J	5.0	U	17.4		36.8	J	1.75	U
Barium	16.7		10.0		5.2		9.9	U	26.35	
Beryllium	53.9		45.2		21.15		43.9		2.35	
Cadmium	33.6	J	26.8		12.35		25.2	J	3.0	
Calcium	425000	J	444000		178500		628000		83050	
Chromium	56.8	J	6.3	J	2.1		0.50	U	5.0	U
Chromium VI		NA		NA		NA		NA		NA
Cobalt	3140	J	2590		1005		2330		108	
Copper	393	J	309	J	115		237	J	4.65	
Cyanide		NA		NA	1.4	U		NA		NA
Iron	643000	J	229000		91900		187000		283	
Lead	65.3	J	5.0	U	1.7	U	26.5	J	1.0	U
Magnesium	463000		280000		104500		344000		17750	
Manganese	235000		141000		32300		117000		11100	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	2710		1870		751		1760		117.5	
Potassium	26700	J	25600		10550		28300	J	8720	
Selenium	90.3	J	10.0	UJ	2.75		49.5	J	1.0	U
Silver	9.5	J	3.0	U	7.85		2.5	J	3.0	U
Sodium	78500	J	86700		36500		136000	J	80700	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01B-07		OU1-PC-01D-01		OU1-PC-01D-02-AVG		OU1-MW-PC01D-07		OU1-PC-01M-01-AVG	
Sample Location	MW-PC01B		MW-PC01D		MW-PC01D		MW-PC01D		MW-PC01M	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU1-PC-01D-02		None		Field Dup. 8	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Thallium	210	J	5.0	U	18.95		117	J	1.0	U
Tin		NA		NA		NA		NA		NA
Vanadium	11.8	J	23.0	J	2.9	U	2.8	J	3.0	U
Zinc	5150	J	3370	J	1300		3260	J	159.5	
Wet Chemistry Analysis										
Alkalinity	2.0	U	2.0	U	2.0	U	2.0	U	20.1	
Carbon Dioxide	2.0	U		NA		NA	2.0	U		NA
Chloride	165		128	J	139.5		242		155.5	
Ferrous Iron	612.5	J		NA		NA	143	J		NA
Nitrate	0.050	U		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	U		NA	0.37	
Nitrite-N	0.050	U		NA		NA	0.050	U		NA
Sulfate	4550		4290		3870		2390		188.5	
Sulfide	0.72			NA		NA	0.60			NA
Total Organic Carbon	11.6			NA		NA	5.36			NA

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	2400	*J
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	88	
1,1-Dichloroethane	30		10	U	10	U	10	U	320	
1,1-Dichloroethene	3		10	U	10	UJ	0.9	U	970	*
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA	10	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U	10	U
1,2-Dibromoethane	10	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	UJ	10	U	50	
1,2-Dichloroethene (total)		NA	3.5		2	J		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,4-Dioxane	100	UJ		NA		NA	100	UJ	15000	J
1-Chlorohexane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	UJ	10	U	10	UJ	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	U	10	UJ	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	170	J
Acetone	10	UJ	16	U	10	UJ	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	2	J	10	U	10	U	10	U	19	
Benzyl Chloride		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	11	
Chlorobenzene	610	*	10	U	10	U	10	U	300	
Chloroethane	10	U	10	U	10	U	10	U	16	
Chloroform	10	U	10	U	10	U	10	U	31	
Chloromethane	10	U	10	U	10	U	10	U	3	J
Chlorotoluene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	10			NA		NA	10	U	820	*
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA	10	UJ	10	UJ
Dichloropropene, 1,3-		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	130	
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U	4	J
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U	24	
Methyl tert-Butyl Ether	1500	*		NA		NA	10	U	10	U
Methylcyclohexane	10	U		NA		NA	10	U	10	U
Methylene Chloride	10	UJ	10	U	10	U	10	UJ	360	*
m-Xylene		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	270	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	2700	*
Total Xylenes	10	U	10	U	10	U	10	U	570	
trans-1,2-Dichloroethene	10	U		NA		NA	10	U	13	
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	100000	*
Trichlorofluoromethane	10	U		NA		NA	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	4		10	U	10	U	1	U	29	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA	10.0	U		NA
Ethene	10.0	U		NA		NA	10.0	U		NA
Methane	140			NA		NA	6100			NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene		NA	15	U	10	U		NA		NA
1,2-Dichlorobenzene		NA	15	U	10	U		NA		NA
1,3-Dichlorobenzene		NA	15	U	10	U		NA		NA
1,4-Dichlorobenzene		NA	15	U	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	15	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
2,4,5-Trichlorophenol	25	U	37.5	U	25	U	25	U		R
2,4,6-Trichlorophenol	10	U	15	U	10	U	10	U		R
2,4-Dichlorophenol	10	U	15	U	10	U	10	U		R
2,4-Dimethylphenol	10	U	15	U	10	U	10	U		R
2,4-Dinitrophenol	25	U	37.5	U	25	UJ	25	U	2100	*J
2,4-Dinitrotoluene	10	U	15	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	15	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	15	U	10	U	10	U	10	U
2-Chlorophenol	10	U	15	U	10	U	10	U		R
2-Methylnaphthalene	10	U	15	U	10	U	10	U	10	U
2-Methylphenol	10	U	15	U	10	U	10	U	4	J
2-Nitroaniline	25	UJ	37.5	U	25	U	25	U	25	U
2-Nitrophenol	10	U	15	U	10	U	10	U	300	*J
3,3'-Dichlorobenzidine	10	U	15	U	10	U	10	U	10	UJ
3-Nitroaniline	25	U	37.5	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	37.5	U	25	U	25	U		R
4-Bromophenyl-phenylether	10	U	15	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	15	U	10	U	10	U		R
4-Chloroaniline	10	UJ	15	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	15	U	10	U	10	U	10	U
4-Methylphenol	10	U	15	U	10	U	10	U		R
4-Nitroaniline	25	U	37.5	U	25	U	25	U	25	U
4-Nitrophenol	25	UJ	37.5	U	25	U	25	U	1400	*J
Acenaphthene	10	U	15	U	10	U	10	U	10	U
Acenaphthylene	10	U	15	U	10	U	10	U	10	U
Acetophenone	10	U		NA		NA	10	U	10	U
Anthracene	10	U	15	U	10	U	10	U	10	U
Atrazine	10	U		NA		NA	10	U	10	UJ
Benzaldehyde	10	UJ		NA		NA	10	UJ	64	
Benzo(a)anthracene	10	U	15	U	10	U	10	U	10	UJ
Benzo(a)pyrene	10	U	15	U	10	U	10	U		R
Benzo(b)fluoranthene	10	U	15	U	10	U	10	U		R
Benzo(g,h,i)perylene	10	U	15	U	10	UJ	10	U		R
Benzo(k)fluoranthene	10	U	15	U	10	U	10	U		R
Bis(2-Chloroethoxy)methane	10	U	15	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	15	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	15	U	80	U	10	U	10	UJ
Butylbenzylphthalate	10	U	15	U	10	U	10	U	10	UJ
Caprolactam	10	U		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Carbazole	10	U	15	U	10	U	10	U	10	U
Chrysene	10	U	15	U	10	U	10	U	10	UJ
Dibenzo(a,h)anthracene	10	U	15	U	10	U	10	U		R
Dibenzofuran	10	U	15	U	10	U	10	U	10	U
Diethylphthalate	10	U	15	U	10	U	10	U	10	U
Dimethylphthalate	10	U	15	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	15	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	15	U	10	U	10	U		R
Fluoranthene	10	U	15	U	10	U	10	U	10	U
Fluorene	10	U	15	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	15	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	15	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ	15	U	10	UJ	10	U	10	U
Hexachloroethane	10	U	15	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	15	U	10	U	10	U		R
Isophorone	10	U	15	U	10	U	10	U	10	U
Naphthalene	10	U	15	U	10	U	10	U	5	J
Nitrobenzene	10	UJ	15	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	15	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	15	U	10	U	10	U	10	U
Pentachlorophenol	25	U	37.5	U	1	J	25	U		R
Phenanthrene	10	U	15	U	10	U	10	U	10	U
Phenol	10	U	15	U	10	U	10	U		R
Pyrene	10	U	15	U	10	U	10	U	1	J
Total PAH		NA	15	U	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U	0.20	UJ
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		R
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		R
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U	0.82	J
Chrysene	0.20	U		NA		NA	0.20	U	0.20	UJ
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		R
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		R
Phenanthrene	0.20	U		NA		NA	0.20	U	0.40	J
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		R
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.36	J
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		R

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.19	J
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		R
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	1.0	U	1.0	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	4.1	*J
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U		R
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.27	J
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		R
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		R
Endrin	0.050	U	0.10	U	0.10	U	0.050	U		R
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.15	J
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	1.1	J
gamma-BHC	0.050	U	0.050	U		R	0.050	U		R
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		R
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.039	J
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U	0.56	J
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		R
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		R
Dioxin Analysis (pg/L)										
1,2,3,4,6,7,8-HpCDD	8.2	U		NA		NA	2.9	U		NA
1,2,3,4,6,7,8-HpCDF	4.0	U		NA		NA	2.0	U		NA
1,2,3,4,7,8,9-HpCDF	5.1	U		NA		NA	2.8	U		NA
1,2,3,4,7,8-HxCDD	4.6	U		NA		NA	2.2	U		NA
1,2,3,4,7,8-HxCDF	3.0	U		NA		NA	1.6	U		NA
1,2,3,6,7,8-HxCDD	4.5	U		NA		NA	2.2	U		NA
1,2,3,6,7,8-HxCDF	2.8	U		NA		NA	1.6	U		NA
1,2,3,7,8,9-HxCDD	4.4	U		NA		NA	2.3	U		NA
1,2,3,7,8,9-HxCDF	3.4	U		NA		NA	2.2	U		NA
1,2,3,7,8-PeCDD	3.1	U		NA		NA	2.9	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
1,2,3,7,8-PeCDF	2.0	U		NA		NA	1.7	U		NA
2,3,4,6,7,8-HxCDF	3.1	U		NA		NA	1.8	U		NA
2,3,4,7,8-PeCDF	2.0	U		NA		NA	1.7	U		NA
2,3,7,8-TCDD	3.3	U		NA		NA	2.8	U		NA
2,3,7,8-TCDF	2.5	U		NA		NA	2.3	U		NA
OCDD	11.9	U		NA		NA	4.7	U		NA
OCDF	9.4	U		NA		NA	3.5	U		NA
Total HpCDD	8.2	UJ		NA		NA	2.9	U		NA
Total HpCDF	4.5	UJ		NA		NA	2.3	U		NA
Total HxCDD	4.5	UJ		NA		NA	15.8	EMPC		NA
Total HxCDF	3.1	UJ		NA		NA	1.8	U		NA
Total PeCDD	3.1	UJ		NA		NA	2.9	U		NA
Total PeCDF	2.0	UJ		NA		NA	1.7	U		NA
Total TCDD	3.3	UJ		NA		NA	2.8	U		NA
Total TCDF	2.5	UJ		NA		NA	2.3	U		NA
Toxicity Equivalency	0.00	U		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	718		79.55	U	23.2		25.7	U	408000	
Antimony	3.5	U	50.0	U	4.0	U	3.5	U	3.5	U
Arsenic	2.3	U	7.1		5.5		5.1		44.0	J
Barium	22.4		1095		1110		1820		404	
Beryllium	1.3	J	1.0	U	0.60	U	1.1	U	46.8	J
Cadmium	1.1	J	2.0	U	0.40	U	0.50	UJ	14.4	J
Calcium	49900		127500		125000		152000		233000	
Chromium	0.50	U	6.75		1.3		0.50	U	451	
Chromium VI		NA		NA		NA		NA		NA
Cobalt	53.7		29.3		3.4		2.0	U	704	
Copper	0.80	UJ	5.2		2.3	U	0.80	UJ	9960	
Cyanide		NA		NA	3.1			NA		NA
Iron	19.5	U	28950		25400		24700		20500	
Lead	1.5	UJ	12.7		2.5		1.8	UJ	29.1	J
Magnesium	12600		64300		63900		89800		221000	
Manganese	14700		2575		2270		1600		29000	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	2.8	
Nickel	58.0	J	19.55		3.4	U	1.7	U	1550	
Potassium	7960	J	14400		16900		19300	J	32700	J
Selenium	2.2	UJ	1.0	U	1.9	U	2.2	UJ	2.1	U
Silver	0.80	UJ	3.0	U	2.3		0.80	UJ	0.80	UJ
Sodium	94900	J	90750		137000		152000	J	467000	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC01M-07		OU1-PC-01S-01-AVG		OU1-PC-01S-02		OU1-MW-PC01S-07		OU1-MW-RW1-07	
Sample Location	MW-PC01M		MW-PC01S		MW-PC01S		MW-PC01S		RW1	
Date Sampled	1/17/2003		12/2/1997		11/30/1998		1/17/2003		1/29/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 9		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Thallium	4.0	U	1.0	U	3.6	U	4.0	U	43.2	
Tin		NA		NA		NA		NA		NA
Vanadium	0.80	U	3.0	U	2.9	U	1.1		0.80	U
Zinc	90.4	J	14.3		26.4		13.7	UJ	6260	
Wet Chemistry Analysis										
Alkalinity	50.0		600		651		732			NA
Carbon Dioxide	239			NA		NA	910			NA
Chloride	155		83.25		82.3		27.7			NA
Ferrous Iron	0.030	UJ		NA		NA	13.0	J		NA
Nitrate	0.050	U		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	UJ		NA		NA
Nitrite-N	0.050	U		NA		NA	0.050	U		NA
Sulfate	205		487.8		86.8	J	5.0	U		NA
Sulfide	0.50	U		NA		NA	0.84			NA
Total Organic Carbon	9.0			NA		NA	48.0			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	10	U		NA		NA		NA		NA
1,1,1-Trichloroethane	640		13000	J	10000	*	5	J		NA
1,1,2,2-Tetrachloroethane	10	U	1000	UJ	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U	10	U		NA
1,1,2-Trichloroethane	10	U	1000	UJ	6	J	10	U		NA
1,1-Dichloroethane	120		1700		1900	*	1	J		NA
1,1-Dichloroethene	270		660	J	3000	*J	0.9	U		NA
1,1-Dichloropropene	10	U		NA		NA		NA		NA
1,2,3-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2,3-Trichloropropane	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	UJ	10	U		NA
1,2,4-Trimethylbenzene	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U	10	U		NA
1,2-Dibromoethane	10	U		NA	10	U	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U	10	U		NA
1,2-Dichloroethane	10	U	1000	U	10	U	10	U		NA
1,2-Dichloroethene (total)		NA	1000	UJ		NA		NA		NA
1,2-Dichloropropane	10	U	1000	U	10	U	10	U		NA
1,3,5-Trimethylbenzene	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U	10	U		NA
1,3-Dichloropropane	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U	10	U		NA
1,4-Dioxane		NA		NA	100	UJ	100	UJ		NA
1-Chlorohexane		NA		NA		NA		NA		NA
2,2-Dichloropropane	10	U		NA		NA		NA		NA
2-Butanone	40	U	1000	UJ	10	U	10	U		NA
2-Chloroethylvinylether	30	U		NA		NA		NA		NA
2-Chlorotoluene	10	U		NA		NA		NA		NA
2-Hexanone	6	U	1000	UJ	10	UJ	10	U		NA
4-Chlorotoluene	10	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	5	U	1000	UJ	10	U	10	UJ		NA
Acetone	20	U	1000	UJ	10	U	10	U		NA
Acrolein	100	U		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA
Acrylonitrile	50	U		NA		NA		NA		NA
Benzene	10	U	1000	UJ	10	U	10	U		NA
Benzyl Chloride		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA
Bromobenzene	10	U		NA		NA		NA		NA
Bromochloromethane	10	U		NA		NA		NA		NA
Bromodichloromethane	10	U	1000	U	10	U	2	J		NA
Bromoform	10	U	1000	UJ	10	U	10	U		NA
Bromomethane	10	U	1000	U	10	U	10	U		NA
Carbon Disulfide	30	U	1000	U	10	U	10	U		NA
Carbon Tetrachloride	10	U	1000	UJ	10	U	10	U		NA
Chlorobenzene	10	U	1000	UJ	9	J	10	U		NA
Chloroethane	10	U	1000	U	29		10	U		NA
Chloroform	10	U	1000	U	2	J	6	J		NA
Chloromethane	10	U	1000	U	10	U	10	U		NA
Chlorotoluene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	210			NA	1700	*	2	J		NA
cis-1,3-Dichloropropene	10	U	1000	U	10	U	10	U		NA
Cyclohexane		NA		NA	10	U	10	U		NA
Dibromochloromethane	10	U	1000	U	10	U	10	U		NA
Dibromomethane	10	U		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA	10	U	10	UJ		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA
Ethyl Ether	30	U		NA		NA		NA		NA
Ethylbenzene	10	U	1000	U	10	U	10	U		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U	10	U		NA
m&p-Xylene	20	U		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U	10	U		NA
Methylcyclohexane		NA		NA	10	U	10	U		NA
Methylene Chloride	10	U	1000	U	10	U	10	UJ		NA
m-Xylene		NA		NA		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA
n-Butylbenzene	10	U		NA		NA		NA		NA
n-Propylbenzene	10	U		NA		NA		NA		NA
o-Xylene	10	U		NA		NA		NA		NA
p-Isopropyltoluene	10	U		NA		NA		NA		NA
sec-Butylbenzene	10	U		NA		NA		NA		NA
Styrene	10	U		R	10	U	10	U		NA
tert-Butylbenzene	10	U		NA		NA		NA		NA
Tetrachloroethene	10	U	1000	U	3	J	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	70	U		NA		NA		NA		NA
Toluene	10	U	1000	UJ	10	U	10	U		NA
Total Xylenes		NA	1000	U	10	U	10	U		NA
trans-1,2-Dichloroethene	10	U		NA	10	U	10	U		NA
trans-1,3-Dichloropropene	10	U	1000	U	10	U	10	U		NA
Trichloroethene	270		960	J	1800	*	2	J		NA
Trichlorofluoromethane	10	U		NA	10	UJ	10	U		NA
Vinyl Acetate	60	U		NA		NA		NA		NA
Vinyl Chloride	10	U	1000	U	300		1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	10.0	U		NA		NA
Ethene		NA		NA	10.0	U		NA		NA
Methane		NA		NA	41.0			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	474			NA		NA		NA	50	U
1,1-Dichloroethane		NA		NA		NA		NA	54.5	
1,1-Dichloroethene	215			NA		NA		NA	50	U
1,2-Dichloroethane		NA		NA		NA		NA	50	U
Benzene	0.5	U		NA		NA		NA	50	U
Chlorobenzene	2	U		NA		NA		NA	50	U
cis-1,2-Dichloroethene	175			NA		NA		NA	190	
Ethylbenzene		NA		NA		NA		NA	50	U
m&p-Xylene		NA		NA		NA		NA	50	U
o-Xylene		NA		NA		NA		NA	50	U
Tetrachloroethene	1			NA		NA		NA	50	U
Toluene	1	U		NA		NA		NA	50	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	50	U
Trichloroethene	236			NA		NA		NA	50	U
Vinyl Chloride		NA		NA		NA		NA	105	
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U	10	U		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA	10	UJ	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol		NA	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol		NA	10	U	10	U	10	U		NA
2,4-Dichlorophenol		NA	10	U	10	U	10	U		NA
2,4-Dimethylphenol		NA	10	U	10	U	10	U		NA
2,4-Dinitrophenol		NA	25	U	25	U	25	UJ		NA
2,4-Dinitrotoluene		NA	10	U	10	U	10	U		NA
2,6-Dinitrotoluene		NA	10	U	10	U	10	U		NA
2-Chloronaphthalene		NA	10	U	10	U	10	U		NA
2-Chlorophenol		NA	10	U	10	U	10	U		NA
2-Methylnaphthalene		NA	1	J	10	U	10	U		NA
2-Methylphenol		NA	10	U	10	U	10	U		NA
2-Nitroaniline		NA	25	U	25	U	25	U		NA
2-Nitrophenol		NA	1	J	10	U	10	U		NA
3,3'-Dichlorobenzidine		NA	10	U	10	U	10	U		NA
3-Nitroaniline		NA	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol		NA	25	U	25	U	25	U		NA
4-Bromophenyl-phenylether		NA	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol		NA	10	U	10	U	10	U		NA
4-Chloroaniline		NA	10	U	10	UJ	10	UJ		NA
4-Chlorophenyl-phenylether		NA	10	U	10	U	10	U		NA
4-Methylphenol		NA	10	U	10	U	10	U		NA
4-Nitroaniline		NA	25	U	25	U	25	U		NA
4-Nitrophenol		NA	56		5	J	25	U		NA
Acenaphthene		NA	10	UJ	10	U	10	U		NA
Acenaphthylene		NA	10	U	10	U	10	U		NA
Acetophenone		NA		NA	10	U	10	U		NA
Anthracene		NA	10	U	10	U	10	U		NA
Atrazine		NA		NA	10	U	10	UJ		NA
Benzaldehyde		NA		NA	10	UJ	10	UJ		NA
Benzo(a)anthracene		NA	10	U	10	U	10	U		NA
Benzo(a)pyrene		NA	10	U	10	U	10	U		NA
Benzo(b)fluoranthene		NA	10	U	10	U	10	U		NA
Benzo(g,h,i)perylene		NA	10	U	10	U	10	U		NA
Benzo(k)fluoranthene		NA	10	U	10	U	10	U		NA
Bis(2-Chloroethoxy)methane		NA	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether		NA	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate		NA	10	U	10	U	10	U		NA
Butylbenzylphthalate		NA	10	U	10	U	10	U		NA
Caprolactam		NA		NA	18		10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole		NA	10	U	10	U	10	U		NA
Chrysene		NA	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene		NA	10	U	10	U	10	U		NA
Dibenzofuran		NA	10	U	10	U	10	U		NA
Diethylphthalate		NA	10	U	10	U	10	U		NA
Dimethylphthalate		NA	10	U	10	U	10	U		NA
Di-n-Butylphthalate		NA	10	U	10	U	10	U		NA
Di-n-octylphthalate		NA	10	U	10	UJ	10	U		NA
Fluoranthene		NA	10	U	10	U	10	U		NA
Fluorene		NA	10	U	10	U	10	U		NA
Hexachlorobenzene		NA	10	U	10	U	10	U		NA
Hexachlorobutadiene		NA	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene		NA		R	10	U	10	UJ		NA
Hexachloroethane		NA	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene		NA	10	U	10	U	10	U		NA
Isophorone		NA	10	U	10	U	10	U		NA
Naphthalene		NA	6	J	5	J	10	U		NA
Nitrobenzene		NA	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine		NA	10	UJ	10	U	10	U		NA
N-Nitroso-diphenylamine		NA	10	U	10	U	10	U		NA
Pentachlorophenol		NA	25	U	25	U	25	U		NA
Phenanthrene		NA	10	U	10	U	10	U		NA
Phenol		NA	10	U	10	U	10	U		NA
Pyrene		NA	10	U	10	U	10	U		NA
Total PAH		NA	6			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U	0.20	U		NA
Benzo(a)anthracene		NA		NA	0.20	U	0.20	U		NA
Benzo(a)pyrene		NA		NA	0.20	UJ	0.20	UJ		NA
Benzo(b)fluoranthene		NA		NA	0.20	U	0.20	U		NA
Benzo(k)fluoranthene		NA		NA	0.20	U	0.20	U		NA
Chrysene		NA		NA	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U	0.20	U		NA
Phenanthrene		NA		NA	0.44		0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE		NA	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT		NA	0.10	UJ	0.10	U	0.10	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin		NA		R	0.050	U	0.050	U		NA
alpha-BHC		NA	0.050	U	0.050	U	0.050	UJ		NA
alpha-Chlordane		NA	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total		NA	1.1	U		NA		NA		NA
Aroclor-1016		NA	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221		NA	2.0	U	0.25	U	0.25	U		NA
Aroclor-1232		NA	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242		NA	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248		NA	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254		NA	1.0	U	0.25	U	0.25	U		NA
Aroclor-1260		NA	1.0	U	0.25	U	0.25	U		NA
Aroclor-1262		NA	1.0	UJ	0.28	U	0.28	U		NA
Aroclor-1268		NA	1.0	U	1.0	U	1.0	U		NA
beta-BHC		NA	0.050	U	0.050	U	0.050	U		NA
delta-BHC		NA	0.050	U	0.050	U	0.050	U		NA
Dieldrin		NA	0.10	UJ	0.050	U	0.050	U		NA
Endosulfan I		NA		R	0.050	U	0.050	U		NA
Endosulfan II		NA	0.10	U	0.10	U	0.10	U		NA
Endosulfan Sulfate		NA	0.10	U	0.10	U	0.10	U		NA
Endrin		NA	0.10	U	0.050	U	0.050	U		NA
Endrin Aldehyde		NA	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone		NA	0.10	U	0.10	U	0.10	U		NA
gamma-BHC		NA	0.050	U	0.050	U	0.050	UJ		NA
gamma-Chlordane		NA	0.050	U	0.050	U	0.050	U		NA
Heptachlor		NA		R	0.020	U	0.020	U		NA
Heptachlor Epoxide		NA	0.050	U	0.020	U	0.020	U		NA
Methoxychlor		NA	0.50	U	0.50	U	0.50	U		NA
Toxaphene		NA	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (pg/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA	2.0	U		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	1.1	U		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	1.3	U		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA	1.2	U		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA	0.70	U		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA	1.1	U		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA	0.70	U		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA	1.1	U		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA	0.90	U		NA		NA
1,2,3,7,8-PeCDD		NA		NA	1.0	U		NA		NA

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Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF		NA		NA	0.60	U		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA	4.0	U		NA		NA
2,3,4,7,8-PeCDF		NA		NA	0.70	U		NA		NA
2,3,7,8-TCDD		NA		NA	1.0	U		NA		NA
2,3,7,8-TCDF		NA		NA	0.70	U		NA		NA
OCDD		NA		NA	15.7	UEMPC		NA		NA
OCDF		NA		NA	2.1	U		NA		NA
Total HpCDD		NA		NA	2.0	UJ		NA		NA
Total HpCDF		NA		NA	1.2	UJ		NA		NA
Total HxCDD		NA		NA	1.1	UJ		NA		NA
Total HxCDF		NA		NA	4.0	UJ		NA		NA
Total PeCDD		NA		NA	1.0	UJ		NA		NA
Total PeCDF		NA		NA	0.60	UJ		NA		NA
Total TCDD		NA		NA	1.0	UJ		NA		NA
Total TCDF		NA		NA	0.70	UJ		NA		NA
Toxicity Equivalency		NA		NA	0.00	U		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA	21.7	UJ	60.0	U	20.5	U		NA
Antimony		NA	4.0	U	3.5	U	3.5	U		NA
Arsenic		NA	6.0	U	3.0	UJ	2.3	U		NA
Barium		NA	94.1		33.7	U	13.5	U		NA
Beryllium		NA	1.2	UJ	0.25	U	0.24	U		NA
Cadmium		NA	1.0	U	0.68	UJ	19.3			NA
Calcium		NA	28700		44700		22400			NA
Chromium		NA	1.0	UJ	1.6		0.50	U		NA
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA	3.3		2.3	U	0.70	U		NA
Copper		NA	27.0	U	3.0	U	12.2	U		NA
Cyanide		NA		NA		NA		NA		NA
Iron		NA	268	UJ	69.0		28.5	J		NA
Lead		NA	6.4	J	2.3	UJ	1.5	U		NA
Magnesium		NA	54400		19000		4400			NA
Manganese		NA	6150		4050		3.4	UJ		NA
Mercury		NA	0.20	U	0.10	U	0.10	U		NA
Nickel		NA	8.6		5.5		1.7	U		NA
Potassium		NA	9600		6410	J	2050	J		NA
Selenium		NA	3.0	U	2.1	U	2.1	U		NA
Silver		NA	5.4	U	0.80	UJ	0.80	UJ		NA
Sodium		NA	116000		124000	J	12200	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW02-0024		SP-CRA-2D-01		OU2-MW-CRA2D-07		OU2-MW-CRA2S-07		OU2-FCP2-AVG	
Sample Location	2		CRA-2D		CRA-2D		CRA-2S		FCP-2	
Date Sampled	2/19/2002		12/2/1997		1/28/2003		1/28/2003		8/15/1997	
Interval	0.0-24.0		0.0-0.0		0.0-0.0		0.0-0.0		12.0-12.0	
QC Identifier	None		None		None		None		Field Dup. (D10s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium		NA	6.0	U	6.4	UJ	4.0	U		NA
Tin		NA		NA		NA		NA		NA
Vanadium		NA	1.0	U	1.0	UJ	0.80	U		NA
Zinc		NA	23.7	UJ	15.1	U	28.3	U		NA
Wet Chemistry Analysis										
Alkalinity		NA	157		150			NA		NA
Carbon Dioxide		NA		NA	163			NA		NA
Chloride		NA	119		64.3			NA		NA
Ferrous Iron		NA		NA	0.030	U		NA		NA
Nitrate		NA		NA	0.15			NA		NA
Nitrate-Nitrite (as N)		NA	4.94			NA		NA		NA
Nitrite-N		NA		NA	0.050	U		NA		NA
Sulfate		NA	166		231			NA		NA
Sulfide		NA		NA	0.50	U		NA		NA
Total Organic Carbon		NA		NA	9.72			NA		NA

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10	U	290		38		17		113		214		112
1,1,2,2-Tetrachloroethane	10	U	50	U	10	U		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	10	U	50	U	10	U		NA		NA		NA	
1,1-Dichloroethane	54		130		12			NA		NA		NA	1
1,1-Dichloroethene	7	J	210		14	J		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1
1,2-Dichloroethane	10	U	50	U	10	U		NA		NA		NA	
1,2-Dichloroethene (total)	170		770		64			NA		NA		NA	
1,2-Dichloropropane	10	U	50	U	10	U		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone	10	U	50	U	10	U		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone	10	U	50	U	10	UJ		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	10	U	50	U	10	U		NA		NA		NA	
Acetone	10	UJ	50	U	10	UJ		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	5	J	11	J	1	J		NA		NA		NA	1
Benzyl Chloride		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	10	U	50	U	10	U	1	U	1	U		NA	1
Bromoform	10	U	50	U	10	U		NA		NA		NA	
Bromomethane	10	U	50	U	10	U		NA		NA		NA	
Carbon Disulfide	10	U	50	U	10	U		NA		NA		NA	
Carbon Tetrachloride	10	U	50	U	10	U		NA		NA		NA	
Chlorobenzene	2	J	37	J	4	J		NA		NA		NA	1
Chloroethane	10	U	6	J	10	U		NA		NA		NA	
Chloroform	10	U	50	U	10	U	7		4		1	U	7
Chloromethane	10	U	50	U	10	U		NA		NA		NA	
Chlorotoluene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	10	U	50	U	10	U		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	10	U	50	U	10	U		NA		NA		NA	
Dibromomethane		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	10
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	10	U	50	U	10	U		NA		NA		NA	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	10	U	50	U	10	UJ		NA		NA		NA	1
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene	10	U	50	U	10	U		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	10	U	50	U	10	U	1	U	3		7		1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	4	J	50	U	10	U		NA		NA		NA	1
Total Xylenes	10	U	50	U	10	U		NA		NA		NA	1
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	1
trans-1,3-Dichloropropene	10	U	50	U	10	U		NA		NA		NA	
Trichloroethene	10	U	380		37		89		96		143		62
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA	1
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	180		55		4	J		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
1,2-Dichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
1,3-Dichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
1,4-Dichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA		NA	
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA		NA	
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA		NA	
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA		NA	
2,4-Dinitrophenol	25	U	25	U	25	U		NA		NA		NA	
2,4-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA	
2,6-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA	
2-Chloronaphthalene	10	U	10	U	10	U		NA		NA		NA	
2-Chlorophenol	10	U	10	U	10	U		NA		NA		NA	
2-Methylnaphthalene	10	U	10	U	10	U		NA		NA		NA	
2-Methylphenol	10	U	10	U	10	U		NA		NA		NA	
2-Nitroaniline	25	U	25	U	25	U		NA		NA		NA	
2-Nitrophenol	10	U	10	U	10	U		NA		NA		NA	
3,3'-Dichlorobenzidine	10	U	10	U	10	U		NA		NA		NA	
3-Nitroaniline	25	U	25	U	25	U		NA		NA		NA	
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA		NA	
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA	
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA		NA	
4-Chloroaniline	10	U	10	UJ	10	UJ		NA		NA		NA	
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA	
4-Methylphenol	10	U	10	U	10	U		NA		NA		NA	
4-Nitroaniline	25	U	25	U	25	U		NA		NA		NA	
4-Nitrophenol	25	U	6	J	4	J		NA		NA		NA	
Acenaphthene	5	J	10	U	10	U		NA		NA		NA	
Acenaphthylene	10	U	10	U	10	U		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene	10	U	10	U	10	U		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	10	U	10	U	10	U		NA		NA		NA	
Benzo(a)pyrene	10	U	10	U	10	U		NA		NA		NA	
Benzo(b)fluoranthene	10	U	10	U	10	U		NA		NA		NA	
Benzo(g,h,i)perylene	10	U	10	U	10	U		NA		NA		NA	
Benzo(k)fluoranthene	10	U	10	U	10	U		NA		NA		NA	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA		NA		NA	
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA		NA		NA	
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA		NA		NA	
Butylbenzylphthalate	10	U	10	U	10	U		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole	10	U	10	U	10	U		NA		NA		NA	
Chrysene	10	U	10	U	10	U		NA		NA		NA	
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA		NA		NA	
Dibenzofuran	1	J	10	U	10	U		NA		NA		NA	
Diethylphthalate	10	U	10	U	10	U		NA		NA		NA	
Dimethylphthalate	10	U	10	U	10	U		NA		NA		NA	
Di-n-Butylphthalate	10	U	10	U	4	J		NA		NA		NA	
Di-n-octylphthalate	10	U	10	U	10	U		NA		NA		NA	
Fluoranthene	10	U	10	U	10	U		NA		NA		NA	
Fluorene	1	J	10	U	10	U		NA		NA		NA	
Hexachlorobenzene	10	U	10	U	10	U		NA		NA		NA	
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA		NA	
Hexachlorocyclopentadiene	10	U	10	U	10	U		NA		NA		NA	
Hexachloroethane	10	U	10	U	10	U		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U		NA		NA		NA	
Isophorone	10	U	10	U	10	U		NA		NA		NA	
Naphthalene	10	U	10	U	10	U		NA		NA		NA	
Nitrobenzene	10	U	10	U	10	U		NA		NA		NA	
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA		NA		NA	
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA		NA		NA	
Pentachlorophenol	25	U	25	U	25	U		NA		NA		NA	
Phenanthrene	10	U	10	U	10	U		NA		NA		NA	
Phenol	10	U	10	U	10	U		NA		NA		NA	
Pyrene	10	U	10	U	10	U		NA		NA		NA	
Total PAH	6		10	U	10	U		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA	
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA	
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin	0.050	U		NA		NA		NA		NA		NA	
alpha-BHC	0.050	U		NA		NA		NA		NA		NA	
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA	
Aroclor, Total	1.1	U		NA		NA		NA		NA		NA	
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1221	2.0	U		NA		NA		NA		NA		NA	
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1254	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1260	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1262	1.0	U		NA		NA		NA		NA		NA	
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA	
beta-BHC	0.050	U		NA		NA		NA		NA		NA	
delta-BHC	0.050	U		NA		NA		NA		NA		NA	
Dieldrin	0.10	U		NA		NA		NA		NA		NA	
Endosulfan I	0.050	U		NA		NA		NA		NA		NA	
Endosulfan II	0.10	U		NA		NA		NA		NA		NA	
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA	
Endrin	0.10	U		NA		NA		NA		NA		NA	
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA	
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA	
gamma-BHC	0.050	U		NA		NA		NA		NA		NA	
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA	
Heptachlor	0.050	U		NA		NA		NA		NA		NA	
Heptachlor Epoxide	0.050	U		NA		NA		NA		NA		NA	
Methoxychlor	0.50	U		NA		NA		NA		NA		NA	
Toxaphene	5.0	U		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum	45.1	U		NA		NA		NA		NA		NA	
Antimony	4.0	U		NA		NA		NA		NA		NA	
Arsenic	6.0	UJ		NA		NA		NA		NA		NA	
Barium	3.4	U		NA		NA	510		500	U	500	U	500
Beryllium	1.0	U		NA		NA		NA		NA		NA	
Cadmium	1.0	UJ		NA		NA	820		40.0		260		120
Calcium	24200			NA		NA		NA		NA		NA	
Chromium	1.4	UJ		NA		NA	2240			NA		NA	
Chromium VI		NA		NA		NA	50.0	U	80.0		100		50.0
Cobalt	2.0	U		NA		NA		NA		NA		NA	
Copper	28.7	U		NA		NA	2190		150		40.0		40.0
Cyanide		NA		NA		NA	1200		1000		260		460
Iron	3110			NA		NA	89300		50.0	U	50.0	U	420
Lead	3.0	U		NA		NA	220		50.0	U	50.0	U	50.0
Magnesium	47800			NA		NA		NA		NA		NA	
Manganese	38.5	J		NA		NA		NA		NA		NA	
Mercury	0.20	U		NA		NA		NA		NA		NA	
Nickel	1.0	U		NA		NA	7750		880		6600		2310
Potassium	44600			NA		NA		NA		NA		NA	
Selenium	3.0	U		NA		NA		NA		NA		NA	
Silver	1.0	U		NA		NA		NA		NA		NA	
Sodium	511000			NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-FCP2-01		OU2-GW-02		OU2-GW-02A		MW-2-062483		MW-2-020384		MW-2-043084		MW-2-080184
Sample Location	FCP-2		GW-02		GW-02		MW-2		MW-2		MW-2		MW-2
Date Sampled	11/20/1997		3/25/1999		3/25/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium	6.0	U		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium	10.3	J		NA		NA		NA		NA		NA	
Zinc	6.6	U		NA		NA		NA		NA		NA	
Wet Chemistry Analysis													
Alkalinity	314			NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	784			NA		NA	187.44		52.8		61.0		70.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	0.10	U		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate	122			NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		53.6		2		1	U	1		18.8		46.1	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	U	1	U	1	U	1	U	1	U	1.3		1.3	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	2.5	
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	1	U	1	U	1	U	1	U	1	U	1.2	
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	U	1	U	1	U	1	U	1		1	U	1	U
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform		1	U	1	U	16.3		19		4.9		18.1	
Chloromethane	NA		NA		NA		NA		NA		NA		NA
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U	10	U	10	U	10	U	10	U	10	U	10	U
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	U	1	U	1	U	1	U	1	U	1	U	2.4	
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	1	U	1	U	1	U	1	U	1	U	1	U
m-Xylene	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	1	U	1	U	1	U	1	U	4.1		3.6	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	U	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	U	1	U	1	U	1	U	1	U	1	U	1.5	
trans-1,2-Dichloroethene	U	1	U	1	U	1	U		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene		231.1		7.4		66.9		60		265.8		187.5	
Trichlorofluoromethane	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	U	100		500	U	500	U	110		500	U	500	U
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium		470		520		520		240		110		200	
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	NA		NA		NA		NA	90.0		50.0	U	40.0	
Chromium VI	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	10.0	
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper		50.0		10.0	U	60.0		90.0		100		50.0	
Cyanide		390		1560		10.0		60.0		250		50.0	U
Iron		210		70.0		140		840		550		140	
Lead	U	50.0	U	90.0		50.0	U	50.0	U	50.0	U	10.0	
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel		7200		5070		4050		2430		1800		2940	
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-110184		MW-2-020185		MW-2-050185		MW-2-090185		MW-2-010186		MW-2-040186	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium	NA		NA		NA		NA		NA		NA		NA
Tin	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc	NA	8900		8820		8300		3400		1900		2420	
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride		208.44		456.89		412.07		2.0		272		272	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA	10	U		NA		NA		NA		NA	
1,1,1-Trichloroethane	23		10	U		NA	1	U	6.5		12.1		9.1
1,1,2,2-Tetrachloroethane		NA	10	U		NA	1	U	1	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA	10	U		NA	1	U	1	U		NA	
1,1-Dichloroethane	1		10	U		NA	4.3		2		4.9		1
1,1-Dichloroethene		NA	10	U		NA	1	U	1	U		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA	10	U		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U	1
1,2-Dichloroethane		NA	10	U		NA	1	U	1	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA	10	U		NA	1	U	1	U		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U	1
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U	1
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA	10	U		NA	1	U	1	U		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA	50	U	50	U		NA	
2-Chloroethylvinylether		NA	10	U		NA	10	U	10	U		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA	50	U	50	U		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA	50	U	50	U		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U		NA	1	U	1	U	1	U	1
Benzyl Chloride		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA	10	U		NA	10	U	10	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA	10	U		NA	10	U	10	U		NA	
Bromobenzene		NA	10	U		NA	1	U	1	U		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	10	U		NA	1	U	1	U	1	U	1
Bromoform		NA	10	U		NA	1	U	1	U		NA	
Bromomethane		NA	25	U		NA	1	U	1	U		NA	
Carbon Disulfide		NA		NA		NA	50	U	50	U		NA	
Carbon Tetrachloride		NA	10	U		NA	1	U	1	U		NA	
Chlorobenzene	1	U	10	U		NA	1	U	1	U	1.6		1
Chloroethane		NA	10	U		NA	10	U	10	U		NA	
Chloroform	16		10	U		NA	1	U	1	U	4.2		2
Chloromethane		NA	25	U		NA	1	U	1	U		NA	
Chlorotoluene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA	10	U		NA	1	U	1	U		NA	
Dibromomethane		NA		NA		NA	1	U	1	U		NA	
Dichlorodifluoromethane	10	U	10	U		NA		NA		NA	10	U	10
Dichloropropene, 1,3-		NA	10	U		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA	50	U	50	U		NA	
Ethylbenzene	1	U	1	U		NA	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	10	U		NA	1	U	1	U	1	U	1
m-Xylene		NA		NA		NA	1	U	1	U		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA	1	U	1	U		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	4		10	U		NA	2.6		1.9		1	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U		NA	1	U	1	U	1	U	1
Total Xylenes	1	U	1	U		NA		NA		NA	1	U	1
trans-1,2-Dichloroethene		NA	10	U		NA	33.9		84		1	U	1
trans-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA	
Trichloroethene	228		91			NA	96.1		79		128		13.7
Trichlorofluoromethane	1	U	10	U		NA	1	U	1	U	1	U	1
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA	50	U		NA	10	U	10	U		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	70.0		50.0	U	80.0		10.0	U	10.0	U	500	U	500
Beryllium		NA	180			NA		NA		NA		NA	
Cadmium	150			NA	70.0		80.0		220		180		230
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	30.0		10.0	U	10.0	U	80.0		10.0		10.0		50.0
Chromium VI	50.0	U	10.0	U		NA	50.0	U	50.0	U	50.0	U	50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	50.0		70.0			NA	80.0		60.0		60.0		60.0
Cyanide	30.0		10.0	U		NA	200		200		100		600
Iron	240		80.0			NA	440		50.0	U	50.0	U	360
Lead	20.0		50.0	U	20.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA	1.0	U		NA		NA	
Nickel	1730		2000			NA	940		2160		1640		1420
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA	10.0	U		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-070186		MW-2-102886		MW-2-010387		MW-2-042487		MW-2-072787		MW-2-120187		MW-2-020188
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988
Interval	10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium		NA		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	1960		2080			NA	1340		3400		2900		1800
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	265		217			NA	100		760		200		
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		11		48.7		70		45		33		31	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	U	1		13.7		11		1	U	6		2	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	1	U	1.6		1		1	U	1	U	1	U
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform		9		15		1	U	4		12		2	
Chloromethane	NA		NA		NA		NA		NA		NA		NA
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U	10	U	10	U	10	U	10	U	10	U		NA
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	1	U	1	U	1	U	1	U	1	U	1	U
m-Xylene	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	1	U	2.4		1	U	1		2		8	

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Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	U	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	U	1	U	10.6		1	U	48		7		1	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene		31		249		1	U	147		167		195	
Trichlorofluoromethane	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	U	500	U	500	U	500	U	500	U	500	U	500	U
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium		180		140		170		140		130		90.0	
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	U	50.0	U	160		340		210		100		50.0	U
Chromium VI	U	50.0	U	50.0	U	50.0	U	50.0	U	70.0		50.0	U
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper		50.0		110		220		160		140		50.0	
Cyanide		50.0	U	90.0		50.0	U	50.0		1400		540	
Iron		80.0		400		760		1780		1060		210	
Lead	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel		1100		1100		1120		1080		3780		2400	
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA

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Sample Number		MW-2-050188		MW-2-080188		MW-2-110188		MW-2-010189		MW-2-050189		MW-2-080189	
Sample Location		MW-2		MW-2		MW-2		MW-2		MW-2		MW-2	
Date Sampled		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989	
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Thallium	NA		NA		NA		NA		NA		NA		NA
Tin	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc		3040		2760		3600		2560		1980		1730	
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA	100			U	78.0		115		40.0	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	23		25		23		1		1	U	48		30
1,1,2,2-Tetrachloroethane		NA		NA		NA	1	U	1	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA	1	U	1	U		NA	
1,1-Dichloroethane	1	U	2		2		1	U	2		1	U	1
1,1-Dichloroethene		NA		NA		NA	1	U	1	U		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,2-Dichloroethane		NA		NA		NA	1	U	1	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA	1	U	1	U		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA	1	U	1	U		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA	10	U	10	U		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U	1	U	1	U	1	U		NA	
Benzyl Chloride		NA		NA		NA	10	U	10	U		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA	10	U	10	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA		NA		NA	10	U	10	U		NA	
Bromobenzene		NA		NA		NA	1	U	1	U		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U		NA	
Bromoform		NA		NA		NA	1	U	1	U		NA	
Bromomethane		NA		NA		NA	10	U	10	U		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA	1	U	1	U		NA	
Chlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
Chloroethane		NA		NA		NA	10	U	10	U		NA	
Chloroform	4		5		2		1		1	U	1	U	1
Chloromethane		NA		NA		NA	10	U	10	U		NA	
Chlorotoluene		NA		NA		NA	1	U	1	U		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA	1	U	1	U		NA	
Dibromomethane		NA		NA		NA	1	U	1	U		NA	
Dichlorodifluoromethane	10	U	10	U	10	U		NA		NA		NA	
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA	1	U	1	U		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U	1	U	1	U	1	U		NA	
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA	1	U	1	U		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	6		6		3		1	U	1	U	1	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	1	U	1	U	1
Total Xylenes	1	U	1	U	1	U		NA		NA	1	U	1
trans-1,2-Dichloroethene	1	U	4		2		23		73		1	U	1
trans-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA	
Trichloroethene	238		82		133		60		75		24		26
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U		NA	
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA	10	U	10	U		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	190		500	U	500	U	500	U	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	340		620		120		410		290		60.0		40.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	50.0	U	60.0		60.0		50.0	U	50.0	U	240		240
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	240		240
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	140		130		10.0	U	40.0		480		10.0		20.0
Cyanide	620		130		170		630		490		80.0		70.0
Iron	60.0		100		50.0	U	50.0	U	50.0	U	50.0	U	60.0
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	10600		23000		2260		7130		5000		1000		920
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-2-100189		MW-2-020190		MW-2-050190		MW-2-051791		MW-2-081691		MW-2/2A-021892		MW-2/2A-051892
Sample Location	MW-2		MW-2		MW-2		MW-2		MW-2		MW-2A		MW-2A
Date Sampled	10/1/1989		2/1/1990		5/1/1990		5/17/1991		8/16/1991		2/18/1992		5/18/1992
Interval	10.0-20.0		10.0-20.0		10.0-20.0		13.0-23.0		10.0-20.0		10.0-20.0		10.0-20.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium		NA		NA		NA		NA		NA		NA	
Tin		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	3550		13600		1610		2910		920		240		200
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	50.0		140		15.0		9.0		12.0		33.0		22.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane		11		9		5		49		38		3
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	10
1,1-Dichloroethane	U	2		1	U	1	U	11		8		10
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	10
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	10
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA	10
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	10
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dioxane	NA		NA		NA		NA		NA		NA	
1-Chlorohexane	NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	10
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	10
4-Chlorotoluene	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	10
Acetone	NA		NA		NA		NA		NA		NA	10
Acrolein	NA		NA		NA		NA		NA		NA	
Acrylamide	NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	10
Benzyl Chloride	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	10
Bromoform	NA		NA		NA		NA		NA		NA	10
Bromomethane	NA		NA		NA		NA		NA		NA	10
Carbon Disulfide	NA		NA		NA		NA		NA		NA	10
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	10
Chlorobenzene	NA		NA		NA		NA		NA		NA	10
Chloroethane	NA		NA		NA		NA		NA		NA	10
Chloroform	U	1		1	U	2		5		1		10
Chloromethane	NA		NA		NA		NA		NA		NA	10
Chlorotoluene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	10
Cyclohexane	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	10
Dibromomethane	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA	
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA	
Ethylbenzene	U	1	U		NA		NA		NA		NA	10
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA	
Methylcyclohexane	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	10
m-Xylene	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	10
tert-Butylbenzene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	U	1		1	U	1	U	2		1	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran	NA		NA		NA		NA		NA		NA	
Toluene	U	1	U		NA		NA		NA		NA	10
Total Xylenes	U	1	U		NA		NA		NA		NA	10
trans-1,2-Dichloroethene	U	1	U	1	U	1	U	1	U	1	U	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	10
Trichloroethene		24		27		13		15		37		17
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA	
Vinyl Acetate	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	NA		NA		NA		NA		NA		NA	
Ethene	NA		NA		NA		NA		NA		NA	
Methane	NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA	25
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA	10
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA	10
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA	10
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA	25
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA	10
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA	10
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA	10
2-Chlorophenol	NA		NA		NA		NA		NA		NA	10
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA	10
2-Methylphenol	NA		NA		NA		NA		NA		NA	10
2-Nitroaniline	NA		NA		NA		NA		NA		NA	25
2-Nitrophenol	NA		NA		NA		NA		NA		NA	10
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA	10
3-Nitroaniline	NA		NA		NA		NA		NA		NA	25
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA	25
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA	10
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA	10
4-Chloroaniline	NA		NA		NA		NA		NA		NA	10
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA	10
4-Methylphenol	NA		NA		NA		NA		NA		NA	10
4-Nitroaniline	NA		NA		NA		NA		NA		NA	25
4-Nitrophenol	NA		NA		NA		NA		NA		NA	25
Acenaphthene	NA		NA		NA		NA		NA		NA	10
Acenaphthylene	NA		NA		NA		NA		NA		NA	10
Acetophenone	NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA	10
Atrazine	NA		NA		NA		NA		NA		NA	
Benzaldehyde	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	10
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	10
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	10
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA	10
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	10
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	10
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA	10
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA	10
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA	10
Caprolactam	NA		NA		NA		NA		NA		NA	

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Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbazole	NA		NA		NA		NA		NA		NA	10
Chrysene	NA		NA		NA		NA		NA		NA	10
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	10
Dibenzofuran	NA		NA		NA		NA		NA		NA	10
Diethylphthalate	NA		NA		NA		NA		NA		NA	10
Dimethylphthalate	NA		NA		NA		NA		NA		NA	10
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA	10
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA	10
Fluoranthene	NA		NA		NA		NA		NA		NA	10
Fluorene	NA		NA		NA		NA		NA		NA	10
Hexachlorobenzene	NA		NA		NA		NA		NA		NA	10
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	10
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA	10
Hexachloroethane	NA		NA		NA		NA		NA		NA	10
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	10
Isophorone	NA		NA		NA		NA		NA		NA	10
Naphthalene	NA		NA		NA		NA		NA		NA	10
Nitrobenzene	NA		NA		NA		NA		NA		NA	10
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA	10
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA	10
Pentachlorophenol	NA		NA		NA		NA		NA		NA	25
Phenanthrene	NA		NA		NA		NA		NA		NA	10
Phenol	NA		NA		NA		NA		NA		NA	10
Pyrene	NA		NA		NA		NA		NA		NA	10
Total PAH	NA		NA		NA		NA		NA		NA	10
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	NA		NA		NA		NA		NA		NA	0.10
4,4'-DDE	NA		NA		NA		NA		NA		NA	0.10
4,4'-DDT	NA		NA		NA		NA		NA		NA	0.10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Aldrin	NA		NA		NA		NA		NA		NA	0.050
alpha-BHC	NA		NA		NA		NA		NA		NA	0.050
alpha-Chlordane	NA		NA		NA		NA		NA		NA	0.050
Aroclor, Total	NA		NA		NA		NA		NA		NA	1.1
Aroclor-1016	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1221	NA		NA		NA		NA		NA		NA	2.0
Aroclor-1232	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1242	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1248	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1254	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1260	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1262	NA		NA		NA		NA		NA		NA	1.0
Aroclor-1268	NA		NA		NA		NA		NA		NA	1.0
beta-BHC	NA		NA		NA		NA		NA		NA	0.050
delta-BHC	NA		NA		NA		NA		NA		NA	0.050
Dieldrin	NA		NA		NA		NA		NA		NA	0.10
Endosulfan I	NA		NA		NA		NA		NA		NA	0.050
Endosulfan II	NA		NA		NA		NA		NA		NA	0.10
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA	0.10
Endrin	NA		NA		NA		NA		NA		NA	0.10
Endrin Aldehyde	NA		NA		NA		NA		NA		NA	0.10
Endrin Ketone	NA		NA		NA		NA		NA		NA	0.10
gamma-BHC	NA		NA		NA		NA		NA		NA	0.050
gamma-Chlordane	NA		NA		NA		NA		NA		NA	0.050
Heptachlor	NA		NA		NA		NA		NA		NA	0.050
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA	0.050
Methoxychlor	NA		NA		NA		NA		NA		NA	0.50
Toxaphene	NA		NA		NA		NA		NA		NA	5.0
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	NA		NA		NA		NA		NA		NA	54.3
Antimony	NA		NA		NA		NA		NA		NA	4.0
Arsenic	NA		NA		NA		NA		NA		NA	6.0
Barium	U	500	U		NA		NA		NA		NA	18.9
Beryllium	NA		NA		NA		NA		NA		NA	1.0
Cadmium		30.0		30.0		30.0		150		80.0		39.4
Calcium	NA		NA		NA		NA		NA		NA	8700
Chromium		17000		310		100		220		300		187
Chromium VI		290			NA		NA		NA		NA	
Cobalt	NA		NA		NA		NA		NA		NA	2.0
Copper		20.0			NA		NA		NA		NA	43.9
Cyanide		120		880		90.0		50.0	U	50.0	U	
Iron		50.0	U		NA		NA		NA		NA	82.2
Lead	U	50.0	U		NA		NA		NA		NA	3.0
Magnesium	NA		NA		NA		NA		NA		NA	1760
Manganese	NA		NA		NA		NA		NA		NA	46.3
Mercury	NA		NA		NA		NA		NA		NA	0.20
Nickel		530		560		1060		5900		2720		1260
Potassium	NA		NA		NA		NA		NA		NA	3760
Selenium	NA		NA		NA		NA		NA		NA	3.0
Silver	NA		NA		NA		NA		NA		NA	1.0
Sodium	NA		NA		NA		NA		NA		NA	6730

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-2/2A-081892		MW-2/2A-111992		MW-2/2A-050193		MW-2/2A-080193		MW-2/2A-111693		CP-MW-2A-01
Sample Location		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A		MW-2A
Date Sampled		8/18/1992		11/19/1992		5/1/1993		8/1/1993		11/16/1993		11/18/1997
Interval		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		10.0-20.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Thallium	NA		NA		NA		NA		NA		NA	6.0
Tin	NA		NA		NA		NA		NA		NA	
Vanadium	NA		NA		NA		NA		NA		NA	30.5
Zinc		130		140		130		1060		1090		461
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA		NA		NA	14.5
Carbon Dioxide	NA		NA		NA		NA		NA		NA	
Chloride		17.0			NA		NA		NA		NA	3.1
Ferrous Iron	NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA	2.51
Nitrite-N	NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA		NA		NA	12.1
Sulfide	NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA	

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)									
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA
1,1,1-Trichloroethane	J	2	J		NA	10	U	100	U
1,1,2,2-Tetrachloroethane	U	10	U		NA	10	U	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	10	UJ		NA	10	U		NA
1,1,2-Trichloroethane	U	10	U		NA	10	U	100	U
1,1-Dichloroethane	U	2	J		NA	10	U	100	U
1,1-Dichloroethene	U	0.9	U		NA	0.9	U	100	U
1,1-Dichloropropene	NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA	10	U		NA	10	U		NA
1,2-Dibromoethane	NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	NA	10	U		NA	10	U		NA
1,2-Dichloroethane	U	10	U		NA	10	U	100	U
1,2-Dichloroethene (total)	U		NA		NA		NA	410	
1,2-Dichloropropane	U	10	U		NA	10	U	100	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA	10	U		NA	10	U		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA	10	U		NA	10	U		NA
1,4-Dioxane	NA	100	UJ		NA	100	UJ		NA
1-Chlorohexane	NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA
2-Butanone	U	10	U		NA	10	U	100	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA
2-Hexanone	U	10	U		NA	10	U	100	U
4-Chlorotoluene	NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	U	10	U		NA	10	U	100	U
Acetone	UJ	10	U		NA	10	UJ	100	UJ
Acrolein	NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA
Benzene	U	10	U		NA	10	U	100	U
Benzyl Chloride	NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U		NA	10	U	100	U
Bromoform	U	10	U		NA	10	U	100	U
Bromomethane	U	10	U		NA	10	U	100	U
Carbon Disulfide	U	10	U		NA	10	U	100	U
Carbon Tetrachloride	U	10	U		NA	10	U	100	U
Chlorobenzene	U	10	U		NA	4	J	100	U
Chloroethane	U	10	U		NA	10	U	100	U
Chloroform	U	10	U		NA	10	U	100	U
Chloromethane	U	10	U		NA	10	U	100	U
Chlorotoluene	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA	1	J		NA	10	U		NA
cis-1,3-Dichloropropene	U	10	U		NA	10	U	100	U
Cyclohexane	NA	10	U		NA	10	U		NA
Dibromochloromethane	U	10	U		NA	10	U	100	U
Dibromomethane	NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA	10	UJ		NA	10	U		NA
Dichloropropene, 1,3-	NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA
Ethylbenzene	U	10	U		NA	10	U	100	U
Hexachlorobutadiene	NA		NA		NA		NA		NA
Isopropylbenzene	NA	10	U		NA	10	U		NA
m&p-Xylene	NA		NA		NA		NA		NA
Methyl Acetate	NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	NA	10	U		NA	10	U		NA
Methylcyclohexane	NA	10	U		NA	10	U		NA
Methylene Chloride	U	10	U		NA	10	UJ	100	U
m-Xylene	NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA
Styrene	U	10	U		NA	10	U	100	U
tert-Butylbenzene	NA		NA		NA		NA		NA
Tetrachloroethene	U	3	J		NA	10	U	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA
Toluene	U	10	U		NA	10	U	100	U
Total Xylenes	U	10	U		NA	10	U	100	U
trans-1,2-Dichloroethene	NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	U	10	U		NA	10	U	100	U
Trichloroethene		75			NA	10	U	1000	
Trichlorofluoromethane	NA	10	U		NA	10	U		NA
Vinyl Acetate	NA		NA		NA		NA		NA
Vinyl Chloride	U	1	U		NA	1	U	100	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)									
Ethane	NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA	1	UJ		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA	1	U		NA		NA
1,1,2-Trichloroethane	NA		NA	1	U		NA		NA
1,1-Dichloroethane	NA		NA	1	U		NA		NA
1,1-Dichloroethene	NA		NA	1	U		NA		NA
1,2,4-Trichlorobenzene	NA		NA	1	U		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		R		NA		NA
1,2-Dibromoethane	NA		NA	1	U		NA		NA
1,2-Dichlorobenzene	NA		NA	1	U		NA		NA
1,2-Dichloroethane	NA		NA	1	U		NA		NA
1,2-Dichloropropane	NA		NA	1	U		NA		NA
1,3-Dichlorobenzene	NA		NA	1	U		NA		NA
1,4-Dichlorobenzene	NA		NA	1	U		NA		NA
2-Butanone	NA		NA		R		NA		NA
2-Hexanone	NA		NA	5	U		NA		NA
4-Methyl-2-Pentanone	NA		NA	5	U		NA		NA
Acetone	NA		NA		R		NA		NA
Benzene	NA		NA	1	U		NA		NA
Bromochloromethane	NA		NA	1	U		NA		NA
Bromodichloromethane	NA		NA	2			NA		NA
Bromoform	NA		NA	1	U		NA		NA
Bromomethane	NA		NA	1	UJ		NA		NA
Carbon Disulfide	NA		NA	1	U		NA		NA
Carbon Tetrachloride	NA		NA	1	U		NA		NA
Chlorobenzene	NA		NA	1	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Chloroethane	NA		NA	1	U		NA		NA
Chloroform	NA		NA	6	U		NA		NA
Chloromethane	NA		NA	1	U		NA		NA
cis-1,2-Dichloroethene	NA		NA	1	U		NA		NA
cis-1,3-Dichloropropene	NA		NA	1	U		NA		NA
Dibromochloromethane	NA		NA	1	U		NA		NA
Ethylbenzene	NA		NA	1	U		NA		NA
Methylene Chloride	NA		NA	2	U		NA		NA
Styrene	NA		NA	1	U		NA		NA
Tetrachloroethene	NA		NA	1	U		NA		NA
Toluene	NA		NA	1	U		NA		NA
Total Xylenes	NA		NA	1	U		NA		NA
trans-1,2-Dichloroethene	NA		NA	1	U		NA		NA
trans-1,3-Dichloropropene	NA		NA	1	U		NA		NA
Trichloroethene	NA		NA	1	U		NA		NA
Vinyl Chloride	NA		NA	1	U		NA		NA
Volatile Organic Screening Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)									
1,1'-Biphenyl	NA	10	U		NA	10	UJ		NA
1,2,4-Trichlorobenzene	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	U		NA	10	U		NA	6	J
1,3-Dichlorobenzene	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	UJ	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	U	25	U	25	U	25	UJ	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	UJ	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	UJ	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	UJ	10	U
2,4-Dinitrophenol	UJ	25	U	25	UJ	25	UJ	25	UJ
2,4-Dinitrotoluene	U	10	U	10	U	10	UJ	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	UJ	10	U
2-Chloronaphthalene	U	10	U	10	U	10	UJ	10	U
2-Chlorophenol	U	10	U	10	U	10	UJ	10	U
2-Methylnaphthalene	U	10	U	10	U	10	UJ	10	U
2-Methylphenol	U	10	U	10	U	10	UJ	10	U
2-Nitroaniline	U	25	U	25	U	25	UJ	25	U
2-Nitrophenol	U	10	U	10	U	10	UJ	10	U
3,3'-Dichlorobenzidine	U	10	U	10	U	10	UJ	10	U
3-Nitroaniline	U	25	U	25	U	25	UJ	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	UJ	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	UJ	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	UJ	10	U
4-Chloroaniline	U	10	U	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	U	10	U	10	U	10	UJ	10	U
4-Methylphenol	U	10	U	10	U	10	UJ	10	U
4-Nitroaniline	U	25	UJ	25	UJ	25	UJ	25	U
4-Nitrophenol	U	25	U	25	U	25	UJ	25	U
Acenaphthene	U	10	U	10	U	10	UJ	10	U
Acenaphthylene	U	10	U	10	U	10	UJ	10	U
Acetophenone	NA	10	U		NA	10	UJ		NA
Anthracene	U	10	U	10	U	10	UJ	10	U
Atrazine	NA	10	U		NA	10	UJ		NA
Benzaldehyde	NA	10	UJ		NA	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U	10	UJ	10	U
Benzo(a)pyrene	U	10	U	10	U	10	UJ	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	UJ	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	UJ	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	UJ	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	UJ	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	UJ	10	U
Butylbenzylphthalate	U	10	U	10	U	10	UJ	10	U
Caprolactam	NA	10	U		NA	10	UJ		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Carbazole	U	10	U	10	U	10	UJ	10	U
Chrysene	U	10	U	10	U	10	UJ	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	UJ	10	U
Dibenzofuran	U	10	U	10	U	10	UJ	10	U
Diethylphthalate	U	10	U	10	U	10	UJ	10	U
Dimethylphthalate	U	10	U	10	U	10	UJ	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	UJ	10	U
Di-n-octylphthalate	U	10	U	10	U	10	UJ	10	U
Fluoranthene	U	10	U	10	U	10	UJ	10	U
Fluorene	U	10	U	10	U	10	UJ	10	U
Hexachlorobenzene	U	10	U	10	U	10	UJ	10	U
Hexachlorobutadiene	U	10	U	10	U	10	UJ	10	U
Hexachlorocyclopentadiene	U	10	U	10	U	10	UJ	10	U
Hexachloroethane	U	10	U	10	U	10	UJ	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	UJ	10	U
Isophorone	U	10	U	10	U	10	UJ	10	U
Naphthalene	U	10	U	10	U	10	UJ	10	U
Nitrobenzene	U	10	U	10	U	10	UJ	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	UJ	10	U
N-Nitroso-diphenylamine	U	10	U	10	U	10	UJ	10	U
Pentachlorophenol	U	25	U	25	UJ	25	UJ	25	U
Phenanthrene	U	10	U	10	U	10	UJ	10	U
Phenol	U	10	U	10	U	10	UJ	10	U
Pyrene	U	10	U	10	U	10	UJ	10	U
Total PAH	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)									
Acenaphthylene	NA	0.20	U		NA	0.20	UJ		NA
Benzo(a)anthracene	NA	0.20	U		NA	0.20	UJ		NA
Benzo(a)pyrene	NA	0.20	U		NA	0.20	UJ		NA
Benzo(b)fluoranthene	NA	0.20	U		NA	0.20	UJ		NA
Benzo(k)fluoranthene	NA	0.20	U		NA	0.20	UJ		NA
Chrysene	NA	0.20	U		NA	0.20	UJ		NA
Dibenzo(a,h)anthracene	NA	0.20	U		NA	0.20	UJ		NA
Indeno(1,2,3-cd)pyrene	NA	0.20	U		NA	0.20	UJ		NA
Phenanthrene	NA	0.20	U		NA	0.20	UJ		NA
Pesticide/PCB Analysis (UG/L)									
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	UJ	0.10	U	0.10	U

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Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Aldrin	U	0.050	U		R	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	UJ	0.050	U
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	UJ	0.28	U	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	UJ	0.050	U
Dieldrin	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	U	0.050	U		R	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	UJ	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.020	U		R	0.020	U	0.050	U
Heptachlor Epoxide	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (pg/L)									
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)									
Aluminum	UJ	85.6	UJ	764	J	104	U	51.7	UJ
Antimony	U	1.2	U	4.0	U	4.2	U	4.0	U
Arsenic	U	3.0	U	6.0	U	4.2	UJ	6.0	U
Barium		28.3		45.2		25.6		59.4	
Beryllium	U	0.22	UJ	1.0	U	0.50	U	1.0	U
Cadmium		53.7		3.2		3.4	J	5.0	
Calcium		11200		21000		17200		204000	
Chromium		261		2.4	UJ	1.5	U	4.6	
Chromium VI	NA		NA		NA		NA		NA
Cobalt	U	1.6		2.0	U	3.2	U	19.8	
Copper	U	10.8		39.7	U	28.5		50.3	U
Cyanide	NA		NA		NA		NA		NA
Iron	U	26.7		1050	J	39.2	UJ	3880	
Lead	UJ	1.2	U	3.0	U	1.8	UJ	3.0	UJ
Magnesium		2860		8780		2920		33000	
Manganese		156		102		21.5		2710	
Mercury	UJ	0.10	U	0.20	U	0.10	U	0.20	UJ
Nickel	J	1790		9.4		13.5		997	J
Potassium		5600	J	3310		4100		16800	
Selenium	U	3.0	UJ	3.0	U	3.6	UJ	3.0	U
Silver	U	0.80	U	3.5	U	2.4	UJ	1.0	U
Sodium		13200		12600		3080		126000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-2A-07		DK-MW-2S-01		OU2-MW-2S-07		CP-MW-BR2-01	
Sample Location		MW-2A		MW-2S		MW-2S		MW-BR-2	
Date Sampled		12/20/2002		12/3/1997		7/25/2003		11/18/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Thallium	U	2.4	UJ	6.0	U	5.6	UJ	6.0	U
Tin	NA		NA		NA		NA		NA
Vanadium		31.1		1.0	U	1.4	U	1.0	U
Zinc	J	546		310	J	569		486	J
Wet Chemistry Analysis									
Alkalinity			NA	9.0			NA	102	
Carbon Dioxide	NA		NA		NA		NA		NA
Chloride			NA	23.8			NA	226	
Ferrous Iron	NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)			NA	5.83			NA	2.21	
Nitrite-N	NA		NA		NA		NA		NA
Sulfate			NA	14.7			NA	458	
Sulfide	NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	185000		120000	*	80000		160000	*	1700	
1,1,2,2-Tetrachloroethane	10	U	15000	U	10	U	10000	U	10	U	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	15000	U	96		10000	U	36		100	U
1,1-Dichloroethane	10	U	15000	U	330		10000	U	240		240	
1,1-Dichloroethene	0.9	U	42000		40000	*	6500	J	34000	*	720	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U		NA
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	8	J		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	15000	U	8	J	10000	U	5	J	100	U
1,2-Dichloroethene (total)		NA	15000	U		NA	10000	U		NA	130	
1,2-Dichloropropane	10	U	15000	U	10	U	10000	U	10	U	100	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	U		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	15000	U	10	U	10000	U	10	U	100	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	15000	U	10	UJ	10000	U	10	U	100	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	UJ	15000	U	10	U	10000	U	10	U	100	U
Acetone	10	U	15000	U	10	UJ	10000	U	10	UJ	100	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	15000	U	10	U	10000	U	10	U	100	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	15000	U	10	U	10000	U	10	U	100	U
Bromoform	10	U	15000	U	10	U	10000	U	10	U	100	U
Bromomethane	10	U	15000	U	10	U	10000	UJ	10	U	100	U
Carbon Disulfide	10	U	15000	U	10	U	10000	U	10	U	100	U
Carbon Tetrachloride	10	U	15000	U	10	U	10000	UJ	10	U	100	U
Chlorobenzene	10	U	15000	U	10		10000	U	10		100	U
Chloroethane	10	U	15000	U	10	U	10000	U	10	U	100	U
Chloroform	10	U	15000	U	11		10000	U	5	J	100	U
Chloromethane	10	U	15000	U	10	U	10000	U	10	U	100	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	310			NA	10	U		NA	2	J		NA
cis-1,3-Dichloropropene	10	U	15000	U	10	U	10000	U	10	U	100	U
Cyclohexane	10	U		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	15000	U	10	U	10000	U	10	U	100	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	U		NA	10	UJ		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	15000	U	10	U	10000	U	2	J	100	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U		NA
Methylcyclohexane	10	U		NA	10	U		NA	10	U		NA
Methylene Chloride	10	UJ	15000	U	10	U	10000	U	10	UJ	100	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	15000	U	10	U	10000	U	10	U	100	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	15000	U	10	U	10000	U	10	U	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	15000	U	7	J	10000	U	17		100	U
Total Xylenes	10	U	15000	U	4	J	10000	U	8	J	100	U
trans-1,2-Dichloroethene	2	J		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	15000	U	10	U	10000	U	10	U	100	U
Trichloroethene	540	*	15000	U	190		10000	U	130		83	J
Trichlorofluoromethane	10	U		NA	10	U		NA	10	UJ		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	15000	U	6		10000	U	2		100	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA	10.0	U		NA	10.0	U		NA
Ethene		NA		NA	10.0	U		NA	10.0	U		NA
Methane		NA		NA	8.5			NA	16.0			NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ		NA	25	U		R	25	U		R
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	UJ		NA	10	U		NA
Benzaldehyde	10	UJ		NA	10	U		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	91	J*		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	UJ	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	UJ	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	UJ	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	UJ	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	UJ	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	2	J	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	2			NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	UJ		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U		NA	0.20	U		NA	0.47			NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.020		0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	3.5	U		NA	6.8	J		NA	3.1	U		NA
1,2,3,4,6,7,8-HpCDF	1.8	U		NA	7.4	EMPC		NA	1.6	U		NA
1,2,3,4,7,8,9-HpCDF	2.5	U		NA	8.0	J		NA	2.0	U		NA
1,2,3,4,7,8-HxCDD	2.2	U		NA	9.2	J		NA	1.7	U		NA
1,2,3,4,7,8-HxCDF	1.2	U		NA	9.1	JB		NA	1.5	JEMPC		NA
1,2,3,6,7,8-HxCDD	2.1	U		NA	10.1	J		NA	1.7	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF	1.2	U		NA	8.6	JB		NA	1.1	U		NA
1,2,3,7,8,9-HxCDD	2.2	U		NA	7.3	JB		NA	1.7	U		NA
1,2,3,7,8,9-HxCDF	1.6	U		NA	8.6	JB		NA	1.4	U		NA
1,2,3,7,8-PeCDD	1.9	U		NA	6.9	J		NA	1.5	U		NA
1,2,3,7,8-PeCDF		R		NA	7.1	JB		NA	0.90	U		NA
2,3,4,6,7,8-HxCDF	1.3	U		NA	11.6	JB		NA	1.2	U		NA
2,3,4,7,8-PeCDF	1.2	U		NA	8.3	J		NA	1.0	U		NA
2,3,7,8-TCDD	1.5	UJ		NA	3.1	U		NA	1.5	U		NA
2,3,7,8-TCDF	1.3	UJ		NA	2.5	U		NA	1.3	U		NA
OCDD	5.5	U		NA	26.6	JB		NA	15.4	U		NA
OCDF	4.1	U		NA	15.7	JB		NA	3.3	U		NA
Total HpCDD	3.5	UJ		NA	6.8			NA	3.1	UJ		NA
Total HpCDF	2.1	UJ		NA	15.3	EMPC		NA	1.8	UJ		NA
Total HxCDD	2.2	UJ		NA	40.4	EMPC		NA	1.7	UJ		NA
Total HxCDF	1.3	UJ		NA	37.8			NA	1.5	JEMPC		NA
Total PeCDD	1.9	UJ		NA	6.9			NA	1.5	UJ		NA
Total PeCDF	1.2	UJ		NA	15.4			NA	1.0	UJ		NA
Total TCDD	1.5	UJ		NA	3.1	U		NA	1.5	UJ		NA
Total TCDF	1.3	UJ		NA	2.5	U		NA	1.3	UJ		NA
Toxicity Equivalency	0.00	UJ		NA		NA		NA	0.00	UJ		NA
TAL Metal Analysis (UG/L)												
Aluminum	540	UJ	471000		111000		559000		137000		59800	
Antimony	2.3	U	250	U	1.8	U	250	U	1.8	U	50.0	U
Arsenic	4.8	U	10.0	U	32.3		10.0	U	29.8		1.0	U
Barium	49.1		15.3			R	10.0	U		R	8.5	U
Beryllium	0.15	UJ	103		21.9	J	107		23.4		29.8	
Cadmium	0.43	UJ	51.55		6.6	J	52.0		6.0	J	13.5	
Calcium	241000		383000		86900	J	440000		94100	J	387000	
Chromium	2.6		25.0	U	0.70	U	75.1	J	0.70	U	5.0	U
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	1.9	J	3175		649	J	3220	J	685	J	1030	
Copper	4.5	U	456		96.4	J		R	38.1	J	34.4	J
Cyanide	10.0	U		NA	10.0	U		NA	10.0	U		NA
Iron	4050		2275000		567000		2030000		523000		171000	
Lead	2.6	J	5.0	U	1.3	U	61.7		1.3	U	1.0	U
Magnesium	33600		351500		76400		334000		77500		87600	
Manganese	1750		109500		18600	J	103000		19000	J	46200	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-BR-2-07		OU1-PC-02B-01-AVG		OU1-MW-PC02B-07		OU1-PC-02D-01		OU1-MW-PC02D-07		OU1-PC-02M-01	
Sample Location	MW-BR-2		MW-PC02B		MW-PC02B		MW-PC02D		MW-PC02D		MW-PC02M	
Date Sampled	2/5/2003		12/2/1997		1/21/2003		12/2/1997		1/21/2003		12/2/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. 3		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Nickel	26.6		4145		850	J	4040		886		832	
Potassium	13800		9330		2090	J	8370		1930	J	14000	
Selenium	4.8	U	10.0	U	9.5	R	10.0	UJ		R	10.0	UJ
Silver	0.60	U	15.0	U	0.80	U	15.0	U	0.80	U	3.0	U
Sodium	77000		69250		19000		70800	J	20800		53900	
Thallium	4.7	U	5.0	U	58.2	J	5.0	U	57.1	J	5.0	U
Vanadium	2.2		199		22.7	J	256	J	35.3	J	22.4	J
Zinc	10.4		9700		1990	J	9590	J	2090	J	1870	J
Wet Chemistry Analysis												
Alkalinity		NA	2.0	U		R	2.0	U	2.0	U	2.0	U
Carbon Dioxide		NA		NA		R		NA	2.0	U		NA
Chloride		NA	296.5		235		159	J	201		94.0	J
Ferrous Iron		NA		NA	2270	J		NA	1860	J		NA
Nitrate		NA		NA	0.075	J		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA	0.10	U		NA	0.10	U
Nitrite-N		NA		NA	0.50	UJ		NA	0.050	U		NA
Sulfate		NA	9625		10000		10000		10400		2600	
Sulfide		NA		NA		R		NA	0.50	U		NA
Total Organic Carbon		NA		NA	21.6			NA	36.2			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	2200	*	17		10	U	10	U	260	J
1,1,2,2-Tetrachloroethane	10	U	10	UJ	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	1	J	10	U	10	U	10	U	8	J
1,1-Dichloroethane	86		10	U	16		10	U	89	
1,1-Dichloroethene	520	*	2	J	10	UJ	0.9	U	130	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	U	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U	10	U
1,2-Dibromoethane	10	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	UJ	10	U	6	J
1,2-Dichloroethene (total)		NA	10	U	10	U		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,4-Dioxane	100	UJ		NA		NA	100	UJ	460	J
1-Chlorohexane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	UJ	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	10	UJ	10	U	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	UJ
Acetone	10	UJ	10	U	10	UJ	10	UJ	67	
Acrolein		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	5	J	10	U	13		2	J	13	
Benzyl Chloride		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	UJ	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	28		10	U	10	U	2	J	800	*
Chloroethane	2	J	6	J	47		18		5	J
Chloroform	4	J	10	U	10	U	10	U	5	J
Chloromethane	10	U	10	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	100			NA		NA	10	U	1900	*
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA	10	UJ	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	2	J	10	J	10	U	13	
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	1	J	2	J
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U	10	U
Methyl tert-Butyl Ether	11			NA		NA	10	U	10	UJ
Methylcyclohexane	10	U		NA		NA	10	U	10	U
Methylene Chloride	10	U	10	U	10	U	10	UJ	28	
m-Xylene		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	8	J	10	UJ	10	U	10	U	43	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	190	
Total Xylenes	10	U	3	J	16		1	J	43	
trans-1,2-Dichloroethene	10	U		NA		NA	10	U	6	J
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	39		10	U	10	U	10	U	12000	*
Trichlorofluoromethane	10	U		NA		NA	10	UJ	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10		2	J	10	U	1	U	400	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA	10.0	U		NA
Ethene	10.0	U		NA		NA	10.0	U		NA
Methane	750			NA		NA	14000			NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA		NA
1,2-Dichlorobenzene		NA	10	U	10	UJ		NA		NA
1,3-Dichlorobenzene		NA	10	U	10	UJ		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
1,4-Dichlorobenzene		NA	10	U	10	UJ		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	UJ	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U		R	25	U	25	U	190	*
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	UJ	10	U	10	U
2-Methylnaphthalene	10	U	11		44		10	U	10	U
2-Methylphenol	10	U	10	U	10	UJ	10	U	2	J
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	8	J
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	UJ	25	U	25	U	75	*
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	5	J
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	UJ	10	U	45	
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
4-Nitrophenol	25	U	25	UJ	25	UJ	25	U	200	*
Acenaphthene	10	U	16		23		11		10	U
Acenaphthylene	10	U	4	J	6	J	1	J	10	U
Acetophenone	10	U		NA		NA	10	U	10	U
Anthracene	10	U	6	J	7	J	10	U	10	U
Atrazine	10	UJ		NA		NA	10	U	10	UJ
Benzaldehyde	10	U		NA		NA	10	UJ	11	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	UJ
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	UJ
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	UJ	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	21			NA		NA	10	U	10	U
Carbazole	10	U	6	J	16		9	J	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	UJ
Dibenzofuran	10	U	10		15		6	J	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ
Fluoranthene	10	U	3	J	4	J	2	J	10	U
Fluorene	10	U	18		26		10		10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	UJ	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	UJ
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	38		4	J	8	J	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	UJ
Phenanthrene	10	U	21		36		4	J	10	U
Phenol	10	U	10	U	10	UJ	10	U	10	
Pyrene	10	U	2	J	4	J	1	J	10	U
Total PAH		NA	108		110			NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA	1.3		0.20	U
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U	0.20	UJ
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U
Chrysene	0.20	U		NA		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U	0.20	U
Phenanthrene	0.20	U		NA		NA	3.1		0.20	U
Pesticide/PCB Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		R
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.13	J
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		R
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.23	J
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		R
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	1.0	UJ	1.0	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U	0.067	J
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.29	J
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		R
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		R
Endrin	0.050	U	0.10	U	0.10	U	0.050	U		R
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		R
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.16	J
gamma-BHC	0.050	U	0.050	U		R	0.050	U		R
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.35	J
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.14	J
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U		R
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		R
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		R
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	10.7	U		NA		NA	4.8	U		NA
1,2,3,4,6,7,8-HpCDF	5.7	U		NA		NA	4.9	J		NA
1,2,3,4,7,8,9-HpCDF	7.2	U		NA		NA	2.9	U		NA
1,2,3,4,7,8-HxCDD	6.2	U		NA		NA	2.5	U		NA
1,2,3,4,7,8-HxCDF	4.0	U		NA		NA	4.0	UEMPC		NA
1,2,3,6,7,8-HxCDD	6.1	U		NA		NA	2.6	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
1,2,3,6,7,8-HxCDF	3.7	U		NA		NA	3.4	U		NA
1,2,3,7,8,9-HxCDD	6.0	U		NA		NA	3.3	J		NA
1,2,3,7,8,9-HxCDF	4.6	U		NA		NA	3.2	J		NA
1,2,3,7,8-PeCDD	4.3	U		NA		NA	2.4	U		NA
1,2,3,7,8-PeCDF	2.8	U		NA		NA	3.9	U		NA
2,3,4,6,7,8-HxCDF	4.2	U		NA		NA	3.2	UEMPC		NA
2,3,4,7,8-PeCDF	2.9	U		NA		NA	3.0	EMPC		NA
2,3,7,8-TCDD	4.7	U		NA		NA	2.5	U		NA
2,3,7,8-TCDF	3.6	U		NA		NA	1.9	U		NA
OCDD	15.5	U		NA		NA	15.4	UEMPC		NA
OCDF	12.3	U		NA		NA	5.8	EMPC		NA
Total HpCDD	10.7	UJ		NA		NA	4.8	UJ		NA
Total HpCDF	6.4	UJ		NA		NA	4.9	UJ		NA
Total HxCDD	6.1	UJ		NA		NA	3.3	UJ		NA
Total HxCDF	4.1	UJ		NA		NA	16.7	UEMPC		NA
Total PeCDD	4.3	UJ		NA		NA	2.4	UJ		NA
Total PeCDF	2.8	UJ		NA		NA	6.9	UEMPC		NA
Total TCDD	4.7	UJ		NA		NA	2.5	UJ		NA
Total TCDF	3.6	UJ		NA		NA	1.9	UJ		NA
Toxicity Equivalency	0.00	U		NA		NA	2.2	J		NA
TAL Metal Analysis (UG/L)										
Aluminum	37400	J	209	U	26.0		57.0	UJ	11500	
Antimony	1.8	U	50.0	U	4.0	U	1.8	U		R
Arsenic	18.1		15.0		27.7		70.4			R
Barium	5.8	J	280		249		282		26.0	UJ
Beryllium	19.8	J	1.0	U	0.60	U	0.20	U	2.2	J
Cadmium	9.1	J	2.0	U	0.40	U	0.30	U	1.5	UJ
Calcium	252000	J	103000		133000		105000		38700	
Chromium	115	J	8.0	J	1.4		1.2	J	28.8	
Chromium VI		NA		NA		NA		NA		NA
Cobalt	610	J	22.8		3.2	U	0.90	U	54.3	
Copper	14.0	J	11.9		2.3	U	3.8		965	
Cyanide	0.90	UJ		NA	3.7		0.78	UJ		NA
Iron	94400	J	19500		15100		15400		165000	
Lead	2.3	J	10.1		1.7		2.8		37.1	J
Magnesium	54500	J	16800		26900		21600		70600	
Manganese	34600		2570		3870		1890		2440	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC02M-07		OU1-PC-02S-01		OU1-PC-02S-02		OU1-MW-PC02S-07		OU1-MW-RW2-07	
Sample Location	MW-PC02M		MW-PC02S		MW-PC02S		MW-PC02S		RW2	
Date Sampled	1/21/2003		12/3/1997		12/1/1998		1/21/2003		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well	
Nickel	570	J	11.4	J	3.4	U	1.2	U	241	
Potassium	8280	J	9240		15500		16100	J	47200	J
Selenium	13.8	UJ	1.0	UJ	1.9	U	2.1	U	7.0	UJ
Silver	0.80	U	3.0	U	1.7		0.80	U	2.9	J
Sodium	50200	J	131000		195000		241000		196000	J
Thallium	37.9	J	1.0	U	3.6	U	3.8	U	9.8	U
Vanadium	4.1	J	3.0	U	2.9	U	1.2	UJ	1.1	UJ
Zinc	1110	J	11.2		3.9		13.5	J	3350	
Wet Chemistry Analysis										
Alkalinity		R	392		645		568			NA
Carbon Dioxide		R		NA		NA	680			NA
Chloride	112		129	J	85.1		268			NA
Ferrous Iron	140	J		NA		NA	11.6	J		NA
Nitrate	0.050	U		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	UJ		NA		NA
Nitrite-N	0.050	U		NA		NA	0.050	U		NA
Sulfate	2320		25.6		53.4	J	5.0	U		NA
Sulfide		R		NA		NA	0.60			NA
Total Organic Carbon	4.04			NA		NA	32.4			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA	20	U	20	U	10	U		NA	
1,1,1-Trichloroethane		NA	440		630		900			NA	11
1,1,2,2-Tetrachloroethane		NA	20	U	20	U	10	U		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	20	U	20	U	10	U		NA	
1,1,2-Trichloroethane		NA	20	U	20	U	10	U		NA	10
1,1-Dichloroethane		NA	120		140		140			NA	10
1,1-Dichloroethene		NA	290		370		480			NA	9
1,1-Dichloropropene		NA	20	U	20	U	10	U		NA	
1,2,3-Trichlorobenzene		NA	20	U	20	U	10	U		NA	
1,2,3-Trichloropropane		NA	20	U	20	U	10	U		NA	
1,2,4-Trichlorobenzene		NA	20	U	20	U	10	U		NA	
1,2,4-Trimethylbenzene		NA	20	U	20	U	10	U		NA	
1,2-Dibromo-3-chloropropane		NA	20	U	20	U	10	U		NA	
1,2-Dibromoethane		NA	20	U	20	U	10	U		NA	
1,2-Dichlorobenzene		NA	20	U	20	U	10	U		NA	
1,2-Dichloroethane		NA	20	U	20	U	10	U		NA	10
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	12
1,2-Dichloropropane		NA	20	U	20	U	10	U		NA	10
1,3,5-Trimethylbenzene		NA	20	U	20	U	10	U		NA	
1,3-Dichlorobenzene		NA	20	U	20	U	10	U		NA	
1,3-Dichloropropane		NA	20	U	20	U	10	U		NA	
1,4-Dichlorobenzene		NA	20	U	20	U	10	U		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA	20	U	20	U	10	U		NA	
2-Butanone		NA	80	U	80	U	40	U		NA	10
2-Chloroethylvinylether		NA	60	U	60	U	30	U		NA	
2-Chlorotoluene		NA	20	U	20	U	10	U		NA	
2-Hexanone		NA	12	U	12	U	6	U		NA	10
4-Chlorotoluene		NA	20	U	20	U	10	U		NA	
4-Methyl-2-Pentanone		NA	10	U	10	U	5	U		NA	10
Acetone		NA	40	U	40	U	20	U		NA	10
Acrolein		NA	200	U	200	U	100	U		NA	
Acrylamide		NA		NA		NA		NA		NA	
Acrylonitrile		NA	100	U	100	U	50	U		NA	
Benzene		NA	20	U	20	U	10	U		NA	10
Benzyl Chloride		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA	
Bromobenzene		NA	20	U	20	U	10	U		NA	
Bromochloromethane		NA	20	U	20	U	10	U		NA	
Bromodichloromethane		NA	20	U	20	U	10	U		NA	10
Bromoform		NA	20	U	20	U	10	U		NA	10
Bromomethane		NA	20	U	20	U	10	U		NA	10
Carbon Disulfide		NA	60	U	60	U	30	U		NA	10
Carbon Tetrachloride		NA	20	U	20	U	10	U		NA	10
Chlorobenzene		NA	20	U	20	U	10	U		NA	10
Chloroethane		NA	20	U	20	U	10	U		NA	10
Chloroform		NA	20	U	20	U	10	U		NA	10
Chloromethane		NA	20	U	20	U	10	U		NA	10
Chlorotoluene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA	190		240		240			NA	
cis-1,3-Dichloropropene		NA	20	U	20	U	10	U		NA	10
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA	20	U	20	U	10	U		NA	10
Dibromomethane		NA	20	U	20	U	10	U		NA	
Dichlorodifluoromethane		NA	20	U	20	U	10	U		NA	
Dichloropropene, 1,3-		NA		NA		NA		NA		NA	
Ethyl Ether		NA	60	U	60	U	30	U		NA	
Ethylbenzene		NA	20	U	20	U	10	U		NA	10
Hexachlorobutadiene		NA	20	U	20	U	10	U		NA	
Isopropylbenzene		NA	20	U	20	U	10	U		NA	
m&p-Xylene		NA	40	U	40	U	20	U		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA	20	U	20	U	10	U		NA	
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA	20	U	20	U	10	U		NA	10
m-Xylene		NA		NA		NA		NA		NA	
Naphthalene		NA	20	U	20	U	10	U		NA	
n-Butylbenzene		NA	20	U	20	U	10	U		NA	
n-Propylbenzene		NA	20	U	20	U	10	U		NA	
o-Xylene		NA	20	U	20	U	10	U		NA	
p-Isopropyltoluene		NA	20	U	20	U	10	U		NA	
sec-Butylbenzene		NA	20	U	20	U	10	U		NA	
Styrene		NA	20	U	20	U	10	U		NA	
tert-Butylbenzene		NA	20	U	20	U	10	U		NA	
Tetrachloroethene		NA	20	U	20	U	10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA	140	U	140	U	70	U		NA	
Toluene		NA	20	U	20	U	10	U		NA	10
Total Xylenes		NA		NA		NA		NA		NA	10
trans-1,2-Dichloroethene		NA	20	U	20	U	10	U		NA	
trans-1,3-Dichloropropene		NA	20	U	20	U	10	U		NA	10
Trichloroethene		NA	200		290		370			NA	11
Trichlorofluoromethane		NA	20	U	20	U	10	U		NA	
Vinyl Acetate		NA	120	U	120	U	60	U		NA	
Vinyl Chloride		NA	20	U	20	U	10	U		NA	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA	51		
1,1-Dichloroethane		NA		NA		NA		NA	12		
1,1-Dichloroethene		NA		NA		NA		NA	24		
1,2-Dichloroethane		NA		NA		NA		NA	10	U	
Benzene		NA		NA		NA		NA	10	U	
Chlorobenzene		NA		NA		NA		NA	10	U	
cis-1,2-Dichloroethene		NA		NA		NA		NA	14		
Ethylbenzene		NA		NA		NA		NA	10	U	
m&p-Xylene		NA		NA		NA		NA	10	U	
o-Xylene		NA		NA		NA		NA	10	U	
Tetrachloroethene		NA		NA		NA		NA	10	U	
Toluene		NA		NA		NA		NA	10	U	
trans-1,2-Dichloroethene		NA		NA		NA		NA	10	U	
Trichloroethene		NA		NA		NA		NA	20		
Vinyl Chloride		NA		NA		NA		NA	10	U	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	10
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	25
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	10
2,4-Dichlorophenol		NA		NA		NA		NA		NA	10
2,4-Dimethylphenol		NA		NA		NA		NA		NA	10
2,4-Dinitrophenol		NA		NA		NA		NA		NA	25
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	10
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	10
2-Chloronaphthalene		NA		NA		NA		NA		NA	10
2-Chlorophenol		NA		NA		NA		NA		NA	10
2-Methylnaphthalene		NA		NA		NA		NA		NA	10
2-Methylphenol		NA		NA		NA		NA		NA	10
2-Nitroaniline		NA		NA		NA		NA		NA	25
2-Nitrophenol		NA		NA		NA		NA		NA	10
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	10
3-Nitroaniline		NA		NA		NA		NA		NA	25
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	25
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	10
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	10
4-Chloroaniline		NA		NA		NA		NA		NA	10
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	10
4-Methylphenol		NA		NA		NA		NA		NA	10
4-Nitroaniline		NA		NA		NA		NA		NA	25
4-Nitrophenol		NA		NA		NA		NA		NA	25
Acenaphthene		NA		NA		NA		NA		NA	10
Acenaphthylene		NA		NA		NA		NA		NA	10
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	10
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	10
Benzo(a)pyrene		NA		NA		NA		NA		NA	10
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	10
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	10
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	10
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	10
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	10
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
Butylbenzylphthalate		NA		NA		NA		NA		NA	10
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	10
Chrysene		NA		NA		NA		NA		NA	10
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	10
Dibenzofuran		NA		NA		NA		NA		NA	10
Diethylphthalate		NA		NA		NA		NA		NA	10
Dimethylphthalate		NA		NA		NA		NA		NA	10
Di-n-Butylphthalate		NA		NA		NA		NA		NA	10
Di-n-octylphthalate		NA		NA		NA		NA		NA	10
Fluoranthene		NA		NA		NA		NA		NA	10
Fluorene		NA		NA		NA		NA		NA	10
Hexachlorobenzene		NA		NA		NA		NA		NA	10
Hexachlorobutadiene		NA		NA		NA		NA		NA	10
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	10
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	10
Isophorone		NA		NA		NA		NA		NA	10
Naphthalene		NA		NA		NA		NA		NA	10
Nitrobenzene		NA		NA		NA		NA		NA	10
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	10
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	10
Pentachlorophenol		NA		NA		NA		NA		NA	25
Phenanthrene		NA		NA		NA		NA		NA	10
Phenol		NA		NA		NA		NA		NA	10
Pyrene		NA		NA		NA		NA		NA	10
Total PAH		NA		NA		NA		NA		NA	10
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD		NA		NA		NA		NA		NA	0.10
4,4'-DDE		NA		NA		NA		NA		NA	0.10
4,4'-DDT		NA		NA		NA		NA		NA	0.10
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	0.050
alpha-Chlordane		NA		NA		NA		NA		NA	0.050
Aroclor, Total		NA		NA		NA		NA		NA	1.1
Aroclor-1016		NA		NA		NA		NA		NA	1.0
Aroclor-1221		NA		NA		NA		NA		NA	2.0
Aroclor-1232		NA		NA		NA		NA		NA	1.0
Aroclor-1242		NA		NA		NA		NA		NA	1.0
Aroclor-1248		NA		NA		NA		NA		NA	1.0
Aroclor-1254		NA		NA		NA		NA		NA	1.0
Aroclor-1260		NA		NA		NA		NA		NA	1.0
Aroclor-1262		NA		NA		NA		NA		NA	1.0
Aroclor-1268		NA		NA		NA		NA		NA	1.0
beta-BHC		NA		NA		NA		NA		NA	0.050
delta-BHC		NA		NA		NA		NA		NA	0.050
Dieldrin		NA		NA		NA		NA		NA	0.10
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	0.10
Endosulfan Sulfate		NA		NA		NA		NA		NA	0.10
Endrin		NA		NA		NA		NA		NA	0.10
Endrin Aldehyde		NA		NA		NA		NA		NA	0.10
Endrin Ketone		NA		NA		NA		NA		NA	0.10
gamma-BHC		NA		NA		NA		NA		NA	0.050
gamma-Chlordane		NA		NA		NA		NA		NA	0.050
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	0.050
Methoxychlor		NA		NA		NA		NA		NA	0.50
Toxaphene		NA		NA		NA		NA		NA	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum	3110			NA		NA		NA		NA	67.7
Antimony		R		NA		NA		NA		NA	4.0
Arsenic	11.3	UJ		NA		NA		NA		NA	6.0
Barium	43.2	UJ		NA		NA		NA		NA	3.9
Beryllium	1.8	UJ		NA		NA		NA		NA	1.0
Cadmium	0.50	UJ		NA		NA		NA		NA	1.0
Calcium	37800			NA		NA		NA		NA	69200
Chromium	16.9			NA		NA		NA		NA	1.0
Chromium VI		NA		NA		NA		NA		NA	
Cobalt	53.5			NA		NA		NA		NA	2.0
Copper	774			NA		NA		NA		NA	21.6
Cyanide		NA		NA		NA		NA		NA	
Iron	162000			NA		NA		NA		NA	5710
Lead	11.6	UJ		NA		NA		NA		NA	3.0
Magnesium	69400			NA		NA		NA		NA	24700
Manganese	2390			NA		NA		NA		NA	438
Mercury	0.10	U		NA		NA		NA		NA	0.20

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW2F-07		RM-GW03-0022		RM-GW03-0027		RM-GW03-0032		OU2-FCP3		OU2-MW-FCP3-01
Sample Location	RW2F		3		3		3		FCP-3		FCP-3
Date Sampled	1/30/2003		2/19/2002		2/19/2002		2/19/2002		8/15/1997		12/2/1997
Interval	0.0-0.0		0.0-22.0		0.0-27.0		0.0-32.0		13.0-13.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden
Nickel	236			NA		NA		NA		NA	1.2
Potassium	45500	J		NA		NA		NA		NA	8060
Selenium	6.1	UJ		NA		NA		NA		NA	3.0
Silver	4.8	J		NA		NA		NA		NA	3.3
Sodium	187000	J		NA		NA		NA		NA	25700
Thallium	5.2	UJ		NA		NA		NA		NA	6.0
Vanadium	0.80	U		NA		NA		NA		NA	1.0
Zinc	3330			NA		NA		NA		NA	7.6
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	176
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	29.7
Ferrous Iron		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	0.10
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	83.1
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	J	8	J	38		6		53		19		6.3		1
1,1,2,2-Tetrachloroethane	U	10	U		NA		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	U	10	U		NA		NA		NA		NA		NA	
1,1-Dichloroethane	J	51			NA		NA		NA	1	U	1	U	1
1,1-Dichloroethene	J	2	J		NA		NA		NA		NA		NA	
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	1	U	1	U	1
1,2-Dichloroethane	U	10	U		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	J	10	J		NA		NA		NA		NA		NA	
1,2-Dichloropropane	U	10	U		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	1	U	1	U	1
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	1	U	1	U	1
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA	
1-Chlorohexane	NA		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	
2-Butanone	UJ	10	U		NA		NA		NA		NA		NA	
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	UJ	10	UJ		NA		NA		NA		NA		NA	
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	UJ	10	UJ		NA		NA		NA		NA		NA	
Acetone	UJ	33	UJ		NA		NA		NA		NA		NA	
Acrolein	NA		NA		NA		NA		NA		NA		NA	
Acrylamide	NA		NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA	
Benzene	U	3	J		NA		NA		NA	1	U	1	U	1
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	U	10	U	1	U	1	U		NA	1	U	1	U	1
Bromoform	UJ	10	U		NA		NA		NA		NA		NA	
Bromomethane	U	10	U		NA		NA		NA		NA		NA	
Carbon Disulfide	U	10	U		NA		NA		NA		NA		NA	
Carbon Tetrachloride	UJ	10	U		NA		NA		NA		NA		NA	
Chlorobenzene	U	7	J		NA		NA		NA	1	U	1	U	1
Chloroethane	U	24			NA		NA		NA		NA		NA	
Chloroform	U	10	U	4		51		203		18		8.9		1
Chloromethane	U	10	U		NA		NA		NA		NA		NA	
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	U	10	U		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	U	10	U		NA		NA		NA		NA		NA	
Dibromomethane	NA		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA		NA		NA	10	U	10	U	10
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	U	10	U		NA		NA		NA	1	U	1	U	1
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA	
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	U	10	U		NA		NA		NA	1	U	1	U	1
m-Xylene	NA		NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	
Styrene	R	10	U		NA		NA		NA		NA		NA	
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	U	10	U	1	U	1	U	5		1	U	1	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA	
Toluene	U	4	J		NA		NA		NA	13		1	U	1
Total Xylenes	U	10	U		NA		NA		NA	1	U	1	U	1
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA	1	U	1	U	1
trans-1,3-Dichloropropene	U	10	U		NA		NA		NA		NA		NA	
Trichloroethene	J	6	J	16		11		52		16		9.3		1
Trichlorofluoromethane	NA		NA		NA		NA		NA	1	U	1	U	1
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	U	7	J		NA		NA		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane	NA		NA		NA		NA		NA		NA		NA	
Ethene	NA		NA		NA		NA		NA		NA		NA	
Methane	NA		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	UJ	10	U		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	U	10	U		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	U	10	U		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,4-Dichlorobenzene	U	10	U		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)	UJ	10	U		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	U	25	U		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol	U	10	U		NA		NA		NA		NA		NA	
2,4-Dichlorophenol	U	10	U		NA		NA		NA		NA		NA	
2,4-Dimethylphenol	U	10	U		NA		NA		NA		NA		NA	
2,4-Dinitrophenol	U	25	U		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene	U	10	U		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene	U	10	U		NA		NA		NA		NA		NA	
2-Chloronaphthalene	U	10	U		NA		NA		NA		NA		NA	
2-Chlorophenol	U	10	U		NA		NA		NA		NA		NA	
2-Methylnaphthalene	U	10	U		NA		NA		NA		NA		NA	
2-Methylphenol	U	10	U		NA		NA		NA		NA		NA	
2-Nitroaniline	U	25	U		NA		NA		NA		NA		NA	
2-Nitrophenol	U	10	U		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	U	10	U		NA		NA		NA		NA		NA	
3-Nitroaniline	U	25	UJ		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol	U	25	U		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether	U	10	U		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol	U	10	U		NA		NA		NA		NA		NA	
4-Chloroaniline	U	10	UJ		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether	U	10	U		NA		NA		NA		NA		NA	
4-Methylphenol	U	10	U		NA		NA		NA		NA		NA	
4-Nitroaniline	U	25	UJ		NA		NA		NA		NA		NA	
4-Nitrophenol	U	25	U		NA		NA		NA		NA		NA	
Acenaphthene	U	10	U		NA		NA		NA		NA		NA	
Acenaphthylene	U	10	U		NA		NA		NA		NA		NA	
Acetophenone	NA		NA		NA		NA		NA		NA		NA	
Anthracene	U	10	U		NA		NA		NA		NA		NA	
Atrazine	NA		NA		NA		NA		NA		NA		NA	
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	U	10	U		NA		NA		NA		NA		NA	
Benzo(a)pyrene	U	10	U		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	U	10	U		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	U	10	U		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	U	10	U		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	U	10	U		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether	U	10	U		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate	U	10	U		NA		NA		NA		NA		NA	

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Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Butylbenzylphthalate	U	10	U		NA		NA		NA		NA		NA	
Caprolactam	NA		NA		NA		NA		NA		NA		NA	
Carbazole	U	10	UJ		NA		NA		NA		NA		NA	
Chrysene	U	10	U		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	U	10	U		NA		NA		NA		NA		NA	
Dibenzofuran	U	10	U		NA		NA		NA		NA		NA	
Diethylphthalate	U	2	J		NA		NA		NA		NA		NA	
Dimethylphthalate	U	10	U		NA		NA		NA		NA		NA	
Di-n-Butylphthalate	U	10	U		NA		NA		NA		NA		NA	
Di-n-octylphthalate	U	10	U		NA		NA		NA		NA		NA	
Fluoranthene	U	10	U		NA		NA		NA		NA		NA	
Fluorene	U	10	U		NA		NA		NA		NA		NA	
Hexachlorobenzene	U	10	U		NA		NA		NA		NA		NA	
Hexachlorobutadiene	U	10	U		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene	R	10	U		NA		NA		NA		NA		NA	
Hexachloroethane	U	10	U		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	U	10	U		NA		NA		NA		NA		NA	
Isophorone	U	10	U		NA		NA		NA		NA		NA	
Naphthalene	U	10	U		NA		NA		NA		NA		NA	
Nitrobenzene	U	10	U		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine	U	10	U		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine	U	10	U		NA		NA		NA		NA		NA	
Pentachlorophenol	U	25	U		NA		NA		NA		NA		NA	
Phenanthrene	U	10	U		NA		NA		NA		NA		NA	
Phenol	U	10	U		NA		NA		NA		NA		NA	
Pyrene	U	10	U		NA		NA		NA		NA		NA	
Total PAH	U	10	U		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)														

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Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD	U		NA		NA		NA		NA		NA		NA	
4,4'-DDE	U		NA		NA		NA		NA		NA		NA	
4,4'-DDT	UJ		NA		NA		NA		NA		NA		NA	
Aldrin	R		NA		NA		NA		NA		NA		NA	
alpha-BHC	U		NA		NA		NA		NA		NA		NA	
alpha-Chlordane	U		NA		NA		NA		NA		NA		NA	
Aroclor, Total	U		NA		NA		NA		NA		NA		NA	
Aroclor-1016	U		NA		NA		NA		NA		NA		NA	
Aroclor-1221	U		NA		NA		NA		NA		NA		NA	
Aroclor-1232	U		NA		NA		NA		NA		NA		NA	
Aroclor-1242	U		NA		NA		NA		NA		NA		NA	
Aroclor-1248	U		NA		NA		NA		NA		NA		NA	
Aroclor-1254	U		NA		NA		NA		NA		NA		NA	
Aroclor-1260	U		NA		NA		NA		NA		NA		NA	
Aroclor-1262	UJ		NA		NA		NA		NA		NA		NA	
Aroclor-1268	U		NA		NA		NA		NA		NA		NA	
beta-BHC	U		NA		NA		NA		NA		NA		NA	
delta-BHC	U		NA		NA		NA		NA		NA		NA	
Dieldrin	U		NA		NA		NA		NA		NA		NA	
Endosulfan I	R		NA		NA		NA		NA		NA		NA	
Endosulfan II	U		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate	U		NA		NA		NA		NA		NA		NA	
Endrin	U		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde	U		NA		NA		NA		NA		NA		NA	
Endrin Ketone	U		NA		NA		NA		NA		NA		NA	
gamma-BHC	U		NA		NA		NA		NA		NA		NA	
gamma-Chlordane	U		NA		NA		NA		NA		NA		NA	
Heptachlor	R		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide	U		NA		NA		NA		NA		NA		NA	
Methoxychlor	U		NA		NA		NA		NA		NA		NA	
Toxaphene	U		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)														
Aluminum	UJ		NA		NA		NA		NA		NA		NA	
Antimony	U		NA		NA		NA		NA		NA		NA	
Arsenic	U		NA		NA		NA		NA		NA		NA	
Barium	U		NA	3430		500	U	60.0		60.0		500	U	500
Beryllium	U		NA		NA		NA		NA		NA		NA	
Cadmium	U		NA	7600		110		140		110		120		90.0
Calcium			NA		NA		NA		NA		NA		NA	
Chromium	UJ		NA	2480			NA		NA		NA		NA	
Chromium VI	NA		NA	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Cobalt	U		NA		NA		NA		NA		NA		NA	
Copper	U		NA	34220		40.0		60.0		10.0	U	30.0		10.0
Cyanide	NA		NA	800		400		140		50.0		410		230
Iron	J		NA	595320		80.0		60.0		1140		660		140
Lead	U		NA	1770		50.0	U	50.0	U	50.0		50.0	U	50.0
Magnesium			NA		NA		NA		NA		NA		NA	
Manganese			NA		NA		NA		NA		NA		NA	
Mercury	U		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-03		MW-3-062483		MW-3-020384		MW-3-043084		MW-3-080184		MW-3-110184		MW-3-020185
Sample Location		GW-03		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3
Date Sampled		3/30/1999		6/24/1983		2/3/1984		4/30/1984		8/1/1984		11/1/1984		2/1/1985
Interval		0.0-0.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier		None		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nickel	UJ		NA	28420		2000		2410		2330		1960		2420
Potassium			NA		NA		NA		NA		NA		NA	
Selenium	U		NA		NA		NA		NA		NA		NA	
Silver	U		NA		NA		NA		NA		NA		NA	
Sodium			NA		NA		NA		NA		NA		NA	
Thallium	U		NA		NA		NA		NA		NA		NA	
Vanadium	U		NA		NA		NA		NA		NA		NA	
Zinc	UJ		NA		NA	620		1400			NA	320		590
Wet Chemistry Analysis														
Alkalinity			NA		NA		NA		NA		NA		NA	
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA	
Chloride			NA	109.56		336.6		109		203		217.43		269.92
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	U		NA		NA		NA		NA		NA		NA	
Nitrite-N	NA		NA		NA		NA		NA		NA		NA	
Sulfate			NA		NA		NA		NA		NA		NA	
Sulfide	NA		NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1,1-Trichloroethane	U	1	U	4		15.1		18.6		12		10	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1-Dichloroethane	U	17.7		1	U	1	U	1.8		1	U	10	U
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	10	U
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	10	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U	1	U	1	U	1	U	1	U	1	U	10	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA	10	U
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA	10	U
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA	10	U
Bromobenzene	NA		NA		NA		NA		NA		NA	10	U
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	1	U	1	U	1	U	1	U	1	U	10	U
Bromoform	NA		NA		NA		NA		NA		NA	10	U
Bromomethane	NA		NA		NA		NA		NA		NA	25	U
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	10	U
Chlorobenzene	U	1	U	1	U	1	U	1	U	1	U	10	U
Chloroethane	NA		NA		NA		NA		NA		NA	10	U
Chloroform	U	1	U	13		13.9		8.7		17		17	
Chloromethane	NA		NA		NA		NA		NA		NA	25	U
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U	10	U	10	U	10	U	10	U	10	U	10	U
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA	10	U
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	1	U	1	U	1	U	1	U	1	U	10	U
m-Xylene	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	1	U	1	U	1	U	1	U	1	U	10	U

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Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	U	1	U	13		1	U	1	U	1	U	1	U
Total Xylenes	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	U	1	U	1	U	1	U	1	U	1	U	10	U
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	U	16.1		7		22.6		20.2		13		15	
Trichlorofluoromethane	U	1	U	1	U	1	U	1	U	1	U	10	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA	50	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	U	500	U	100		200		500	U	130		50.0	U
Beryllium	NA		NA		NA		NA		NA		NA	330	
Cadmium		220		410		210		270		380			NA
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	NA		NA	50.0	U	50.0	U	20.0		50.0	U	10.0	U
Chromium VI	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	10.0	U
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper	U	70.0		80.0		60.0		30.0		40.0		70.0	
Cyanide		10.0		10.0		30.0		110		100		10.0	U
Iron		120		580		720		270		190		70.0	
Lead	U	90.0		50.0	U	50.0		20.0		50.0	U	50.0	U
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3-050185		MW-3-090185		MW-3-010186		MW-3-040186		MW-3-070186		MW-3-102886	
Sample Location		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled		5/1/1985		9/1/1985		1/1/1986		4/1/1986		7/1/1986		10/28/1986	
Interval		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel		3600		4390		3650		3430		2610		2000	
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA
Thallium	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc		820		1200		900		1440		1790		1680	
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride		2.0		2.0		581		278		336.9		479	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	18.3		4.3		11.1		23.3		9	
1,1,2,2-Tetrachloroethane		NA	1	U	1	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	1	U	1	U		NA		NA		NA
1,1-Dichloroethane		NA	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene		NA	1	U	1	U		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		NA	1	U	1	U		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA	1	U	1	U		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA	1	U	1	U		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA	50	U	50	U		NA		NA		NA
2-Chloroethylvinylether		NA	10	U	10	U		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	50	U	50	U		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA	50	U	50	U		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA	10	U	10	U		NA		NA		NA
Bromobenzene		NA	1	U	1	U		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	1	U	1	U	1	U	1	U	1	U
Bromoform		NA	1	U	1	U		NA		NA		NA
Bromomethane		NA	1	U	1	U		NA		NA		NA
Carbon Disulfide		NA	50	U	50	U		NA		NA		NA
Carbon Tetrachloride		NA	1	U	1	U		NA		NA		NA
Chlorobenzene		NA	1	U	1	U	1	U	1	U	1	U
Chloroethane		NA	10	U	10	U		NA		NA		NA
Chloroform		NA	2.8		1	U	6.6		2.4		2	
Chloromethane		NA	1	U	1	U		NA		NA		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA	1	U	1	U		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA	1	U	1	U		NA		NA		NA
Dibromomethane		NA	1	U	1	U		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	U	10	U	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA	50	U	50	U		NA		NA		NA
Ethylbenzene		NA	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA	1	U	1	U	1	U	1	U	1	U
m-Xylene		NA	1	U	1	U		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA	1	U	1	U		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	1	U	1.9		1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA	1	U	1	U	1	U	1	U	1	U
Total Xylenes		NA		NA		NA	1	U	1	U	1	U
trans-1,2-Dichloroethene		NA	1	U	1	U	1	U	1.7		1	U
trans-1,3-Dichloropropene		NA	1	U	1	U		NA		NA		NA
Trichloroethene		NA	18.6		13.2		13.9		13.8		3	
Trichlorofluoromethane		NA	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	10	U	10	U		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium	100		100		10.0	U	500	U	500	U	500	U
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium	250		190		480		260		290		210	
Calcium		NA		NA		NA		NA		NA		NA
Chromium	10.0	U	10.0		10.0		10.0		50.0	U	50.0	U
Chromium VI		NA	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA	50.0		130		70.0		70.0		50.0	
Cyanide		NA	90.0		60.0		50.0	U	50.0	U	50.0	U
Iron		NA	340		100		180		50.0	U	280	
Lead	20.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA	1.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-010387		MW-3-042487		MW-3-072787		MW-3-120187		MW-3-020188		MW-3-050188	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	1/3/1987		4/24/1987		7/27/1987		12/1/1987		2/1/1988		5/1/1988	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel		NA	1360		2660		1500		1760		1100	
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA	10.0	U		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA	1380		3600		2000		5500		1320	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA	90.0		1.0		370			NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	8.8		8.8		4		1	U	4		5		3	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	1.6		1.6		1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform	2.3		2.3		2		1	U	3		6		3	
Chloromethane		NA		NA		NA		NA		NA		NA		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	U	10	U	10	U		NA	10	U	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	1	U	1	U
m-Xylene		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	1	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene	14.3		14.3		9		1	U	10		10		11	
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA

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Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA		NA
Barium	500	U	500	U	500	U	500	U	500	U	500	U	500	U
Beryllium		NA		NA		NA		NA		NA		NA		NA
Cadmium	520		800		150		170		60.0		340		200	
Calcium		NA		NA		NA		NA		NA		NA		NA
Chromium	160		360		50.0		90.0		50.0	U	50.0	U	50.0	U
Chromium VI	50.0	U	50.0	U	50.0	U	60.0		50.0	U	50.0	U	50.0	U
Cobalt		NA		NA		NA		NA		NA		NA		NA
Copper	850		1070		120		110		50.0		50.0		30.0	
Cyanide	50.0	U	60.0		70.0		270		480		370		90.0	
Iron	3000		2520		2280		3700		220		180		60.0	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium		NA		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-080188		MW-3-110188		MW-3-010189		MW-3-050189		MW-3-080189		MW-3-100189		MW-3-020190	
Sample Location	MW-3		MW-3		MW-3		MW-3		MW-3		MW-3		MW-3	
Date Sampled	8/1/1988		11/1/1988		1/1/1989		5/1/1989		8/1/1989		10/1/1989		2/1/1990	
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	1800		2400		920		1040		400		1700		1050	
Potassium		NA		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA		NA
Zinc	3340		5600		960		1600		490		2740		1600	
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride	270		350		180		39.6		25.0		55.0		55.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	4		5		6		1	U	1		1	U	3
1,1,2,2-Tetrachloroethane		NA	1	U		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA	1	U		NA		NA		NA		NA	
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1		1	U	1
1,1-Dichloroethene		NA	1	U		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,2-Dichloroethane		NA	1	U		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA	1	U		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA	1	U		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether		NA	10	U		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylamide		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U		NA		NA		NA		NA	
Benzyl Chloride		NA	10	U		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA	10	U		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether		NA	10	U		NA		NA		NA		NA	
Bromobenzene		NA	1	U		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	1	U		NA		NA		NA		NA	
Bromoform		NA	1	U		NA		NA		NA		NA	
Bromomethane		NA	10	U		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA	1	U		NA		NA		NA		NA	
Chlorobenzene	1	U	1	U		NA		NA		NA		NA	
Chloroethane		NA	10	U		NA		NA		NA		NA	
Chloroform	1		3		2		3		4		2		3
Chloromethane		NA	10	U		NA		NA		NA		NA	
Chlorotoluene		NA	1	U		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA	1	U		NA		NA		NA		NA	
Dibromomethane		NA	1	U		NA		NA		NA		NA	
Dichlorodifluoromethane	10	U		NA		NA		NA		NA		NA	
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA	1	U		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U		NA		NA		NA		NA	
m-Xylene		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA	1	U		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	1	U	1	U	1	U	2		1	U	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	1	U		NA	
Total Xylenes	1	U		NA	1	U	1	U	1	U		NA	
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1
trans-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA	
Trichloroethene	11		16		21		27		26		13		10
Trichlorofluoromethane	1	U	1	U		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA	10	U		NA		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U		NA	
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	100		540		780		290		420		370		500
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	50.0	U	50.0	U	50.0	U	86000		50.0	U	50.0	U	50.0
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		NA	
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	10.0	U	40.0		20.0		20.0		10.0			NA	
Cyanide	50.0	U	470		500		630		590		60.0		610
Iron	100		1300		2600		1500		1300			NA	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		NA	
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-3-050190		MW-3A-111891		MW-3/3A-021892		MW-3/3A-051892		MW-3/3A-081892		MW-3/3A-111992		MW-3/3A-050193
Sample Location	MW-3		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A		MW-3A
Date Sampled	5/1/1990		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0		12.0-22.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nickel	560		3400		4600		2700		3300		10400		7970
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	810		880		2200		790		860		1120		1900
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	25.5		8.6		110		86.0		94.0			NA	
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane		4		5		1	U	10	U	10	U	10
1,1,2,2-Tetrachloroethane	NA		NA		NA	1	U	10	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA	10	U		NA	10
1,1,2-Trichloroethane	NA		NA		NA	1	U	10	U	10	U	10
1,1-Dichloroethane	U	1	U	1	U	1	U	10	U	3	J	10
1,1-Dichloroethene	NA		NA		NA	1	U	0.9	U	10	UJ	0.9
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA	10	UJ		NA	10
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		R		NA	10
1,2-Dibromoethane	NA		NA		NA		NA	10	U		NA	10
1,2-Dichlorobenzene	NA		NA		NA	1	U	10	U		NA	10
1,2-Dichloroethane	NA		NA		NA	1	U	10	U	10	U	10
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA	10	U	
1,2-Dichloropropane	NA		NA		NA	1	U	10	U	10	U	10
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA	1	U	10	U		NA	10
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA	1	U	10	U		NA	10
1,4-Dioxane	NA		NA		NA		NA	100	UJ		NA	100
1-Chlorohexane	NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA	10	U	10	U	10
2-Chloroethylvinylether	NA		NA		NA	10	U		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA	10	UJ	10	U	10
4-Chlorotoluene	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA	10	U	10	U	10
Acetone	NA		NA		NA		NA	10	U	10	UJ	10
Acrolein	NA		NA		NA		NA		NA		NA	
Acrylamide	NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA	10	U	6	J	10
Benzyl Chloride	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA	1	U	10	U	10	U	10
Bromoform	NA		NA		NA	1	U	10	U	10	U	10
Bromomethane	NA		NA		NA	10	U	10	U	10	U	10
Carbon Disulfide	NA		NA		NA		NA	10	U	10	U	10
Carbon Tetrachloride	NA		NA		NA	1	U	10	U	10	U	10
Chlorobenzene	NA		NA		NA	1	U	10	U	11		3
Chloroethane	NA		NA		NA	10	U	10	U	41		10
Chloroform		4		4		2.1		10	U	10	U	10
Chloromethane	NA		NA		NA	10	U	10	U	10	U	10
Chlorotoluene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA	10	U		NA	10
cis-1,3-Dichloropropene	NA		NA		NA	1	U	10	U	10	U	10
Cyclohexane	NA		NA		NA		NA	10	U		NA	10
Dibromochloromethane	NA		NA		NA	1	U	10	U	10	U	10
Dibromomethane	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA	10	U	10	U		NA	10
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA	10	U		NA	10
m&p-Xylene	NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA	10	U		NA	10
Methyl tert-Butyl Ether	NA		NA		NA		NA	10	U		NA	28
Methylcyclohexane	NA		NA		NA		NA	10	U		NA	10
Methylene Chloride	NA		NA		NA	1	U	10	U	10	U	1
m-Xylene	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA	10	U		R	10
tert-Butylbenzene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	U	1	U	1	U	1	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Tetrahydrofuran	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA	10	U	10	U	10
Total Xylenes	NA		NA		NA		NA	10	U	10	U	10
trans-1,2-Dichloroethene	U	1	U	1	U		NA	10	U		NA	10
trans-1,3-Dichloropropene	NA		NA		NA	1	U	10	U	10	U	10
Trichloroethene		12		10		14		54		10	U	10
Trichlorofluoromethane	NA		NA		NA	1	U	10	U		NA	10
Vinyl Acetate	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA	10	U	1	U	10	U	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	NA		NA		NA		NA		NA		NA	
Ethene	NA		NA		NA		NA		NA		NA	
Methane	NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA	10	U		NA	10
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA	10	UJ	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	10	U	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	10	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	10	U	
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA	10	U	10	UJ	10
2,4,5-Trichlorophenol	NA		NA		NA		NA	25	U	25	U	25
2,4,6-Trichlorophenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dichlorophenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dimethylphenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dinitrophenol	NA		NA		NA		NA	25	U	25	U	25
2,4-Dinitrotoluene	NA		NA		NA		NA	10	U	10	U	10
2,6-Dinitrotoluene	NA		NA		NA		NA	10	U	10	U	10
2-Chloronaphthalene	NA		NA		NA		NA	10	U	10	U	10
2-Chlorophenol	NA		NA		NA		NA	10	U	10	U	10
2-Methylnaphthalene	NA		NA		NA		NA	10	U	10	U	10
2-Methylphenol	NA		NA		NA		NA	10	U	10	U	10
2-Nitroaniline	NA		NA		NA		NA	25	U	25	U	25
2-Nitrophenol	NA		NA		NA		NA	10	U	10	U	10
3,3'-Dichlorobenzidine	NA		NA		NA		NA	10	UJ	10	U	10
3-Nitroaniline	NA		NA		NA		NA	25	U	25	U	25
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA	25	U	25	U	25
4-Bromophenyl-phenylether	NA		NA		NA		NA	10	U	10	U	10
4-Chloro-3-methylphenol	NA		NA		NA		NA	10	U	10	U	10
4-Chloroaniline	NA		NA		NA		NA	10	UJ	10	U	10
4-Chlorophenyl-phenylether	NA		NA		NA		NA	10	U	10	U	10
4-Methylphenol	NA		NA		NA		NA	10	U	10	U	10
4-Nitroaniline	NA		NA		NA		NA	25	UJ	25	U	25
4-Nitrophenol	NA		NA		NA		NA	25	U	25	U	25
Acenaphthene	NA		NA		NA		NA	10	U	10	U	10
Acenaphthylene	NA		NA		NA		NA	10	U	10	U	10
Acetophenone	NA		NA		NA		NA	10	U		NA	10
Anthracene	NA		NA		NA		NA	10	U	10	U	10
Atrazine	NA		NA		NA		NA	10	U		NA	10
Benzaldehyde	NA		NA		NA		NA	10	UJ		NA	10
Benzo(a)anthracene	NA		NA		NA		NA	10	U	10	U	10
Benzo(a)pyrene	NA		NA		NA		NA	10	U	10	U	10
Benzo(b)fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Benzo(g,h,i)perylene	NA		NA		NA		NA	10	UJ	10	U	10
Benzo(k)fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethyl)ether	NA		NA		NA		NA	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Butylbenzylphthalate	NA		NA		NA		NA	10	U	10	U	10
Caprolactam	NA		NA		NA		NA	13			NA	10
Carbazole	NA		NA		NA		NA	10	U	10	U	10
Chrysene	NA		NA		NA		NA	10	U	10	U	10
Dibenzo(a,h)anthracene	NA		NA		NA		NA	10	U	10	U	10
Dibenzofuran	NA		NA		NA		NA	10	U	10	U	10
Diethylphthalate	NA		NA		NA		NA	10	U	10	U	10
Dimethylphthalate	NA		NA		NA		NA	10	U	10	U	10
Di-n-Butylphthalate	NA		NA		NA		NA	10	U	10	U	10
Di-n-octylphthalate	NA		NA		NA		NA	10	U	10	U	10
Fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Fluorene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobenzene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobutadiene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorocyclopentadiene	NA		NA		NA		NA	10	U		R	10
Hexachloroethane	NA		NA		NA		NA	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	10	U	10	U	10
Isophorone	NA		NA		NA		NA	10	U	10	U	10
Naphthalene	NA		NA		NA		NA	10	U	10	U	10
Nitrobenzene	NA		NA		NA		NA	10	U	10	U	10
N-Nitroso-di-n-propylamine	NA		NA		NA		NA	10	U	10	U	10
N-Nitroso-diphenylamine	NA		NA		NA		NA	10	U	10	U	10
Pentachlorophenol	NA		NA		NA		NA	25	UJ	25	U	25
Phenanthrene	NA		NA		NA		NA	10	U	10	U	10
Phenol	NA		NA		NA		NA	10	U	10	U	10
Pyrene	NA		NA		NA		NA	10	U	10	U	10
Total PAH	NA		NA		NA		NA		NA	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA	0.20	U		NA	0.20
Benzo(a)anthracene	NA		NA		NA		NA	0.20	U		NA	0.20
Benzo(a)pyrene	NA		NA		NA		NA	0.20	UJ		NA	0.20
Benzo(b)fluoranthene	NA		NA		NA		NA	0.20	U		NA	0.20
Benzo(k)fluoranthene	NA		NA		NA		NA	0.20	U		NA	0.20
Chrysene	NA		NA		NA		NA	0.20	U		NA	0.20
Dibenzo(a,h)anthracene	NA		NA		NA		NA	0.20	U		NA	0.20
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	0.20	U		NA	0.20
Phenanthrene	NA		NA		NA		NA	0.20	U		NA	0.20
Pesticide/PCB Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD	NA		NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDE	NA		NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDT	NA		NA		NA		NA	0.10	U	0.10	UJ	0.10
Aldrin	NA		NA		NA		NA	0.050	U		R	0.050
alpha-BHC	NA		NA		NA		NA	0.050	UJ	0.050	U	0.050
alpha-Chlordane	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Aroclor, Total	NA		NA		NA		NA		NA	1.1	U	
Aroclor-1016	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1221	NA		NA		NA		NA	0.25	U	2.0	U	0.25
Aroclor-1232	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1242	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1248	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1254	NA		NA		NA		NA	0.25	U	1.0	U	0.25
Aroclor-1260	NA		NA		NA		NA	0.25	U	1.0	U	0.25
Aroclor-1262	NA		NA		NA		NA	0.28	U	1.0	UJ	0.28
Aroclor-1268	NA		NA		NA		NA	1.0	U	1.0	U	1.0
beta-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
delta-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Dieldrin	NA		NA		NA		NA	0.050	U	0.10	U	0.050
Endosulfan I	NA		NA		NA		NA	0.050	U		R	0.050
Endosulfan II	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endosulfan Sulfate	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endrin	NA		NA		NA		NA	0.050	U	0.10	U	0.050
Endrin Aldehyde	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endrin Ketone	NA		NA		NA		NA	0.10	U	0.10	U	0.10
gamma-BHC	NA		NA		NA		NA	0.050	UJ	0.050	U	0.050
gamma-Chlordane	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Heptachlor	NA		NA		NA		NA	0.020	U		R	0.020
Heptachlor Epoxide	NA		NA		NA		NA	0.020	U	0.050	U	0.020
Methoxychlor	NA		NA		NA		NA	0.50	U	0.50	U	0.50
Toxaphene	NA		NA		NA		NA	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	NA		NA		NA		NA	576	U	207	UJ	100
Antimony	NA		NA		NA		NA	2.3	U	4.0	U	4.2
Arsenic	NA		NA		NA		NA	4.8	U	6.0	U	2.9
Barium	NA		NA		NA		NA	11.4		65.6		63.7
Beryllium	NA		NA		NA		NA	0.11	UJ	1.0	U	0.50
Cadmium		580		730			NA	476		1.0	U	2.9
Calcium	NA		NA		NA		NA	12900		34100		15500
Chromium	U	50.0	U	50.0	U	60.0		5.8		31.2	J	1.5
Chromium VI	NA		NA		NA		NA		NA		NA	
Cobalt	NA		NA		NA		NA	15.8		4.2		3.2
Copper	NA		NA		NA		NA	163		33.8	U	2.5
Cyanide		380		270		100			NA		NA	
Iron	NA		NA		NA		NA	1430		370	UJ	32.1
Lead	NA		NA		NA		NA	2.2	U	3.0	U	1.8
Magnesium	NA		NA		NA		NA	8790		7300		3320
Manganese	NA		NA		NA		NA	1910		2180		2530
Mercury	NA		NA		NA		NA	0.10	U	0.20	U	0.10

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-3/3A-080193		MW-3/3A-111693		MW-3A-120894		OU2-MW-3A-07		DK-MW-3S-01		OU2-MW-3S-07
Sample Location		MW-3A		MW-3A		MW-3A		MW-3A		MW-3S		MW-3S
Date Sampled		8/1/1993		11/16/1993		12/8/1994		2/5/2003		12/3/1997		7/24/2003
Interval		12.0-22.0		12.0-22.0		12.0-22.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nickel		11800		12900		7700		1510		21.1		5.0
Potassium	NA		NA		NA		NA	4880		5110		3450
Selenium	NA		NA		NA		NA	4.8	U	3.0	U	3.6
Silver	NA		NA		NA		NA	0.60	U	4.1	U	2.4
Sodium	NA		NA		NA		NA	18700		49200		17400
Thallium	NA		NA		NA		NA	5.4	UJ	6.0	U	5.6
Vanadium	NA		NA		NA		NA	0.70	J	1.0	U	1.4
Zinc		1680		1900		3200		2230		30.8	UJ	157
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA		NA	90.0		
Carbon Dioxide	NA		NA		NA		NA		NA		NA	
Chloride	NA		NA		NA	54.0			NA	38.7		
Ferrous Iron	NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA	2.07		
Nitrite-N	NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA		NA	9.4		
Sulfide	NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	4	J	13		750		6		8	J
1,1,2,2-Tetrachloroethane	U	10	U	10	U	50	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA	10	U		NA	10	U	10	U
1,1,2-Trichloroethane	U	10	U	10	U	50	U	10	U	10	U
1,1-Dichloroethane	U	4	J	26		270		18		17	J
1,1-Dichloroethene	U	9	J	29	J	310		8		8	J
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	U		NA	10	UJ		NA	10	UJ	10	UJ
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	U		NA	10	U		NA	10	U	10	U
1,2-Dibromoethane	U		NA	10	U		NA	10	U	10	U
1,2-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U
1,2-Dichloroethane	U	10	U	10	U	50	U	10	U	10	U
1,2-Dichloroethene (total)	NA	5	J		NA	350			NA		NA
1,2-Dichloropropane	U	10	U	10	U	50	U	10	U	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U
1,4-Dioxane	UJ		NA	100	UJ		NA		NA	100	UJ
1-Chlorohexane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	U	10	U	10	UJ	50	U	10	U	10	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	U	10	U	10	UJ	50	U	10	UJ	10	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	U	10	U	10	UJ	50	U	10	U	10	U
Acetone	UJ	11		10	U	50	U	10	U	10	U
Acrolein	NA		NA		NA		NA		NA		NA
Acrylamide	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	U	10	U	10	U	85		25		25	J
Benzyl Chloride	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U	10	U	50	U	10	U	10	U
Bromoform	U	10	U	10	U	50	U	10	U	10	U
Bromomethane	U	10	U	10	U	50	U	10	U	10	U
Carbon Disulfide	U	10	U	10	UJ	50	U	10	U	10	U
Carbon Tetrachloride	U	10	U	10	U	50	U	10	U	10	U
Chlorobenzene	J	32		46		50	U	5700		5600	*
Chloroethane	U	10	U	10	U	50	U	8		7	J
Chloroform	U	10	U	10	U	50	U	10	U	10	U
Chloromethane	U	10	U	10	U	50	U	10	U	10	U
Chlorotoluene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	U		NA	21			NA	14		12	J
cis-1,3-Dichloropropene	U	10	U	10	U	50	U	10	U	10	U
Cyclohexane	U		NA	10	U		NA	10	U	10	U
Dibromochloromethane	U	10	U	10	U	50	U	10	U	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U		NA	10	U		NA	10	U	10	U
Dichloropropene, 1,3-	NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	U	10	U	10	U	50	U	2		1	J
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	U		NA	10	U		NA	8		8	J
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	U		NA	10	U		NA	10	U	10	U
Methyl tert-Butyl Ether			NA	25			NA	3		10	U
Methylcyclohexane	U		NA	10	U		NA	3		10	U
Methylene Chloride	J	10	U	10	UJ	50	U	10	U	10	U
m-Xylene	NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	U	10	U	10	U	50	U	10	U	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	10	U	10	U	50	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	U	10	U	10	U	50	U	3		10	U
Total Xylenes	U	10	U	10	U	50	U	10	U	10	U
trans-1,2-Dichloroethene	U		NA	10	UJ		NA	10	U	10	U
trans-1,3-Dichloropropene	U	10	U	10	U	50	U	10	U	10	U
Trichloroethene	U	14		17		21	J	10	UJ	10	UJ
Trichlorofluoromethane	U		NA	10	U		NA	10	UJ	10	UJ
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	U	1	J	2		33	J	8		7	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA	10.0	U		NA	10.0	U	10.0	U
Ethene	NA		NA	10.0	U		NA	10.0	U	10.0	U
Methane	NA		NA	160			NA	4800		4700	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U		NA	10	U		NA	10	U	10	U
1,2,4-Trichlorobenzene	NA	10	U		NA	10	U		NA		NA
1,2-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA
1,3-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	230	*	10	U	10	U
2,4-Dinitrophenol	U		R	25	U		R	25	U	25	U
2,4-Dinitrotoluene	U	10	UJ	10	U	10	UJ	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	U	10	U	10	U	10	U	20		21	
2-Methylnaphthalene	U	10	U	10	U	3	J	10	U	10	U
2-Methylphenol	U	10	U	10	U	1	J	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	U	10	U	10	UJ	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	U		NA	10	U		NA	10	U	10	U
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	U		NA	10	U		NA	10	U	10	U
Benzaldehyde	U		NA	10	UJ		NA	10	UJ	10	UJ
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	21	U	10	U	11	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	U		NA	10	U		NA	10	U	10	U
Carbazole	U	10	U	10	U	10	U	10	U	10	U
Chrysene	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	1	J	10	U	10	U
Diethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	UJ	10	U	10	UJ	10	UJ
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	15		1		1	J
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	U	25	UJ	25	U	25	UJ	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	10	U	10	U	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	U	10	U
Total PAH	NA	10	U		NA	15			NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)anthracene	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)pyrene	U		NA	0.20	UJ		NA	0.20	UJ	0.20	UJ
Benzo(b)fluoranthene	U		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(k)fluoranthene	U		NA	0.20	U		NA	0.20	U	0.20	U
Chrysene	U		NA	0.20	U		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene	U		NA	0.20	U		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	U		NA	0.20	U		NA	0.20	U	0.20	U
Phenanthrene	U		NA	0.20	U		NA	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA	1.1	U		NA	1.1	U		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	2.0	U	0.25	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	U	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U
Aroclor-1262	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U	0.28	U
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.050	U	0.020	U	0.050	U	0.066		0.069	
Heptachlor Epoxide	U	0.050	U	0.020	U	0.050	U	0.020	U	0.020	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA	3.2	U		NA	3.1	U	3.1	U
1,2,3,4,6,7,8-HpCDF	NA		NA	1.6	U		NA	1.7	U	1.7	U
1,2,3,4,7,8,9-HpCDF	NA		NA	2.0	U		NA	2.1	U	2.1	U
1,2,3,4,7,8-HxCDD	NA		NA	1.7	U		NA	1.7	U	1.7	U
1,2,3,4,7,8-HxCDF	NA		NA	2.3	U		NA	0.72		1.1	U
1,2,3,6,7,8-HxCDD	NA		NA	1.6	U		NA	1.7	U	1.7	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF	NA		NA	1.1	U		NA	1.1	U	1.1	U
1,2,3,7,8,9-HxCDD	NA		NA	1.6	U		NA	1.7	U	1.7	U
1,2,3,7,8,9-HxCDF	NA		NA	1.4	U		NA	1.4	U	1.4	U
1,2,3,7,8-PeCDD	NA		NA	1.4	U		NA	1.7	U	1.7	U
1,2,3,7,8-PeCDF	NA		NA	0.90	U		NA	1.0	U	1.0	U
2,3,4,6,7,8-HxCDF	NA		NA	1.1	U		NA	1.3		3.5	U
2,3,4,7,8-PeCDF	NA		NA	0.90	U		NA	1.0	U	1.0	U
2,3,7,8-TCDD	NA		NA	1.3	U		NA	1.5	U	1.5	U
2,3,7,8-TCDF	NA		NA	1.1	U		NA	1.2	U	1.2	U
OCDD	NA		NA	17.0	U		NA	5.3	U	5.3	U
OCDF	NA		NA	3.4	U		NA	3.8	U	3.8	U
Total HpCDD	NA		NA	3.2	UJ		NA	3.1	UJ	3.1	UJ
Total HpCDF	NA		NA	1.8	UJ		NA	1.9	UJ	1.9	UJ
Total HxCDD	NA		NA	1.6	UJ		NA	1.7	UJ	1.7	UJ
Total HxCDF	NA		NA	2.3	UJ		NA	1.8		3.5	UJ
Total PeCDD	NA		NA	1.4	UJ		NA	1.7	UJ	1.7	UJ
Total PeCDF	NA		NA	0.90	UJ		NA	1.0	UJ	1.0	UJ
Total TCDD	NA		NA	1.3	UJ		NA	1.5	UJ	1.5	UJ
Total TCDF	NA		NA	1.1	UJ		NA	1.2	UJ	1.2	UJ
Toxicity Equivalency	NA		NA	0.00	U		NA	0.00	U	0.00	U
TAL Metal Analysis (UG/L)											
Aluminum	U	233	U	90.8	U	20.0	U	27.4	U	27.4	U
Antimony	U	50.0	U	3.5	U	50.0	U	3.5	U	3.5	U
Arsenic	U	1.0	U	2.3	U	32.8		114		115	
Barium		42.5		41.8	U	88.8		89.4	U	89.4	U
Beryllium	U	1.0	U	0.26	U	1.0	U	0.35	U	0.35	U
Cadmium	U	2.0	U	0.50	U	2.0	U	0.50	U	0.50	U
Calcium		131000		174000		49400		38100		37300	
Chromium	U	5.0	U	1.5		5.0	U	0.38		0.50	U
Chromium VI	NA		NA		NA		NA		NA		NA
Cobalt	U	3.0	U	8.4		16.2		4.5		4.0	
Copper	U	5.1		2.3	U	2.0	U	0.80	U	0.80	U
Cyanide	NA		NA		NA		NA		NA		NA
Iron	UJ	539		182		20500		32300		32500	
Lead	UJ	1.0	U	1.5	U	1.0	U	1.5	U	1.5	U
Magnesium		24500		36700		14600		13000		12800	
Manganese		236		359		19100		5920		5740	
Mercury	U	0.10	U	0.10	U	0.10	U	0.080		0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-03B-01		OU1-MW-PC03B-07		OU1-PC-03D-01		OU1-MW-PC03D-07-AVG		OU1-MW-PC03D-07	
Sample Location		MW-PC03B		MW-PC03B		MW-PC03D		MW-PC03D		MW-PC03D	
Date Sampled		12/3/1997		1/27/2003		12/3/1997		1/27/2003		1/27/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU1-MW-PC03D-07		Field Dup. OU1-MW-PC03D-07	
Zone		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Nickel	J	13.3	J	3.3	J	10.0	U	4.2		3.8	
Potassium		8120		8100	J	6370		7920		7760	J
Selenium	UJ	1.0	UJ	2.1	U	1.0	UJ	2.1	U	2.1	U
Silver	UJ	3.0	U	0.80	UJ	3.0	U	0.80	UJ	0.80	UJ
Sodium		30900		24700	J	68700		91800		89800	J
Thallium	UJ	1.0	U	4.0	U	1.0	UJ	9.9	U	9.9	U
Vanadium	U	3.0	U	1.2	UJ	3.0	U	0.80	U	0.80	U
Zinc	U	4.3	UJ	23.4	U	12.1	U	5.5	U	5.5	U
Wet Chemistry Analysis											
Alkalinity	NA	84.3		102		191		272		280	J
Carbon Dioxide	NA		NA	96.0	J		NA	320		325	J
Chloride	NA	19.9		23.1		45.5		52.2		50.2	
Ferrous Iron	NA		NA	0.13			NA	14.4		26.4	J
Nitrate	NA		NA	0.050	UJ		NA	0.050	UJ	0.050	UJ
Nitrate-Nitrite (as N)	NA	0.20			NA	0.10	U		NA		NA
Nitrite-N	NA		NA	0.050	UJ		NA	0.050	UJ	0.050	UJ
Sulfate	NA	417		491		94.3		31.0		28.9	
Sulfide	NA		NA	0.50	U		NA		R		R
Total Organic Carbon	NA		NA	2.26			NA	29.6		25.0	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	1	U
1,1,1-Trichloroethane	4	J	500	U	100	UJ	2	J	24000	*	6	
1,1,2,2-Tetrachloroethane	10	U	500	U	100	UJ	10	U	10	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U	10	U	1	U
1,1,2-Trichloroethane	10	U	500	U	100	UJ	10	U	23		1	U
1,1-Dichloroethane	18	J	500	U	14	J	10	U	1700	*	3.8	
1,1-Dichloroethene	9	J	500	U	100	UJ	0.9	U	5000	*	2.4	
1,1-Dichloropropene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	UJ	10	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U	10	U	1	U
1,2-Dibromoethane	10	U		NA		NA	10	U	10	U	1	U
1,2-Dichlorobenzene	10	U		NA		NA	10	U	10	U	1	U
1,2-Dichloroethane	10	U	500	U	100	UJ	10	U	7	J	1	U
1,2-Dichloroethene (total)		NA	500	U	4	J		NA		NA		NA
1,2-Dichloropropane	10	U	500	U	100	UJ	10	U	10	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene	10	U		NA		NA	10	U	10	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene	10	U		NA		NA	10	U	10	U	1	U
1,4-Dioxane	100	UJ		NA		NA	100	UJ	1000	J		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA	1	U
2-Butanone	10	U	500	U	51	J	10	U	10	UJ	4	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA	3	U
2-Chlorotoluene		NA		NA		NA		NA		NA	1	U
2-Hexanone	10	UJ	500	U	100	UJ	10	UJ	12	J	0.6	U
4-Chlorotoluene		NA		NA		NA		NA		NA	1	U
4-Methyl-2-Pentanone	10	U	500	U	100	UJ	10	U	89		0.5	U
Acetone	10	U	500	U	68	J	10	U	10	UJ	3	B
Acrolein		NA		NA		NA		NA		NA	10	U
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA	5	U
Benzene	25	J	500	U	67	J	20	J	9	J	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA		NA	1	U
Bromodichloromethane	10	U	500	U	100	UJ	10	U	10	U	1	U
Bromoform	10	U	500	U	100	UJ	10	U	10	U	1	U
Bromomethane	10	U	500	UJ	100	UJ	10	U	10	U	1	U
Carbon Disulfide	10	U	500	U	100	UJ	10	U	10	U	3	U
Carbon Tetrachloride	10	U	500	U	100	UJ	10	U	10	U	1	U
Chlorobenzene	5900	*	500	U	3300	*J	6100	*	67		1	U
Chloroethane	9	J	500	U	38	J	10	U	160		1	U
Chloroform	10	U	500	U	100	UJ	10	U	4	J	1	U
Chloromethane	10	U	500	U	100	UJ	10	U	10	U	1	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	16	J		NA		NA	1	J	12000	*	2.1	
cis-1,3-Dichloropropene	10	U	500	U	100	UJ	10	U	10	U	1	U
Cyclohexane	10	U		NA		NA	10	U	10	U		NA
Dibromochloromethane	10	U	500	U	100	UJ	10	U	10	U	1	U
Dibromomethane		NA		NA		NA		NA		NA	1	U
Dichlorodifluoromethane	10	U		NA		NA	10	U	10	UJ	1	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA	3	U
Ethylbenzene	2	J	330	J	490	J	58	J	28		1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	1	U
Isopropylbenzene	8	J		NA		NA	11	J	10	U	1	U
m&p-Xylene		NA		NA		NA		NA		NA	2	U
Methyl Acetate	10	U		NA		NA	10	U	10	U		NA
Methyl tert-Butyl Ether	1	J		NA		NA	10	U	10	U	1.9	
Methylcyclohexane	1	J		NA		NA	42	J	10	U		NA
Methylene Chloride	10	U	500	U	100	UJ	10	U	39	J	1	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA	1	U
n-Butylbenzene		NA		NA		NA		NA		NA	1	U
n-Propylbenzene		NA		NA		NA		NA		NA	1	U
o-Xylene		NA		NA		NA		NA		NA	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA	1	U
sec-Butylbenzene		NA		NA		NA		NA		NA	1	U
Styrene	10	U	500	U	100	UJ	10	U	10	U	1	U
tert-Butylbenzene		NA		NA		NA		NA		NA	1	U
Tetrachloroethene	10	U	500	U	100	UJ	10	U	200		1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA	7	U
Toluene	1	J	6100		12000	*J	310	J	880	*	1	U
Total Xylenes	10	U	1700		2800	J	330	J	95			NA
trans-1,2-Dichloroethene	10	U		NA		NA	10	U	160		1	U
trans-1,3-Dichloropropene	10	U	500	U	100	UJ	10	U	10	U	1	U
Trichloroethene	10	UJ	500	U	100	UJ	10	UJ	89000	*	2.8	
Trichlorofluoromethane	10	UJ		NA		NA	10	UJ	10	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA	6	U
Vinyl Chloride	8	J	500	U	100	UJ	1	U	180		1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA		NA	10.0	U		NA		NA
Ethene	10.0	U		NA		NA	10.0	U		NA		NA
Methane	4900			NA		NA	6600			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	4.1	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA	1	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA	0.5	U
Chlorobenzene		NA		NA		NA		NA		NA	2	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	1.7	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA	0.5	U
Toluene		NA		NA		NA		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA	2.4	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA	10	U	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
1,4-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dimethylphenol	10	U	10		52		10	U	10	U		NA
2,4-Dinitrophenol	25	U		R	25	U	25	U	150	*		NA
2,4-Dinitrotoluene	10	U	10	UJ	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U		NA
2-Chlorophenol	20		10	U	11		15		10	U		NA
2-Methylnaphthalene	10	U	10	U	1	J	10	U	10	U		NA
2-Methylphenol	10	U	20		120	*	10	U	10	U		NA
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
2-Nitrophenol	10	U	10	U	10	U	10	U	63			NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U		NA
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	26			NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U		NA
4-Chloroaniline	10	UJ	10	U	10	U	10	UJ	10	UJ		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	10	U	24		76	*	10	U	4	J		NA
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4-Nitrophenol	25	U	25	U	25	U	25	U	160	*		NA
Acenaphthene	10	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	10	U	10	U	10	U	10	U	10	U		NA
Acetophenone	10	U		NA		NA	10	U	3	J		NA
Anthracene	10	U	10	U	10	U	10	U	10	U		NA
Atrazine	10	U		NA		NA	10	U	10	U		NA
Benzaldehyde	10	UJ		NA		NA	10	UJ	10	J		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	10	UJ	10	U	10	U	10	U	10	UJ		NA
Benzo(b)fluoranthene	10	UJ	10	U	10	U	10	U	10	UJ		NA
Benzo(g,h,i)perylene	10	UJ	10	U	10	UJ	10	U	10	UJ		NA
Benzo(k)fluoranthene	10	UJ	10	U	10	U	10	U	10	UJ		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	10	U	13	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Caprolactam	10	U		NA		NA	17		10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U		NA
Chrysene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	10	UJ	10	U	10	UJ	10	U	10	UJ		NA
Dibenzofuran	10	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	10	UJ	10	U	10	U	10	UJ	10	UJ		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Fluorene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	10	U	10	UJ	10	U	10	U	10	U		NA
Hexachloroethane	10	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	U	10	U	10	UJ		NA
Isophorone	10	U	10	U	10	U	10	U	10	U		NA
Naphthalene	1	J	3	J	10		2	J	2	J		NA
Nitrobenzene	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	25	U	25	UJ	25	U	25	U	25	U		NA
Phenanthrene	10	U	10	U	10	U	10	U	10	U		NA
Phenol	10	U	10	U	10	U	10	U	24			NA
Pyrene	10	U	10	U	10	U	10	U	10	U		NA
Total PAH		NA	3		10			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Benzo(a)pyrene	0.20	UJ		NA		NA	0.20	UJ	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Chrysene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Phenanthrene	0.20	U		NA		NA	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.21	J		NA
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	0.050	U	0.050	U	0.0039	J	0.050	U	0.050	U		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	0.25	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U		NA
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U		NA
Aroclor-1262	0.28	U	1.0	UJ	1.0	UJ	0.28	U	0.28	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	1.6	*J		NA
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Dieldrin	0.050	U	0.10	U	0.10	UJ	0.050	U	0.092	J		NA
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.15	J		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.040	J	0.10	U	0.10	U		NA
Endrin	0.050	U	0.10	U	0.10	U	0.050	U	0.056	J		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	0.050	U	0.050	U		R	0.050	U	2.0	*J		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	0.062		0.050	U	0.050	U	0.020	U	0.020	U		NA
Heptachlor Epoxide	0.020	U	0.050	U	0.0058	J	0.020	U	0.14	J		NA
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.8	U		NA		NA	2.3	U		NA		NA
1,2,3,4,6,7,8-HpCDF	1.6	U		NA		NA	1.2	U		NA		NA
1,2,3,4,7,8,9-HpCDF	2.1	U		NA		NA	1.5	U		NA		NA
1,2,3,4,7,8-HxCDD	1.8	U		NA		NA	1.3	U		NA		NA
1,2,3,4,7,8-HxCDF	1.6	UEMPC		NA		NA	0.80	U		NA		NA
1,2,3,6,7,8-HxCDD	1.8	U		NA		NA	1.3	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
1,2,3,6,7,8-HxCDF	1.1	U		NA		NA	0.80	U		NA		NA
1,2,3,7,8,9-HxCDD	1.7	U		NA		NA	1.3	U		NA		NA
1,2,3,7,8,9-HxCDF	1.4	U		NA		NA	1.0	U		NA		NA
1,2,3,7,8-PeCDD	1.6	U		NA		NA	1.2	U		NA		NA
1,2,3,7,8-PeCDF	0.90	U		NA		NA	0.70	U		NA		NA
2,3,4,6,7,8-HxCDF	1.4	UEMPC		NA		NA	0.90	U		NA		NA
2,3,4,7,8-PeCDF	1.0	U		NA		NA	0.80	U		NA		NA
2,3,7,8-TCDD	1.3	U		NA		NA	1.1	U		NA		NA
2,3,7,8-TCDF	1.1	U		NA		NA	0.80	U		NA		NA
OCDD	4.5	U		NA		NA	10.3	UEMPC		NA		NA
OCDF	3.2	U		NA		NA	2.6	U		NA		NA
Total HpCDD	2.8	UJ		NA		NA	2.3	UJ		NA		NA
Total HpCDF	1.8	UJ		NA		NA	1.3	UJ		NA		NA
Total HxCDD	1.8	UJ		NA		NA	1.3	UJ		NA		NA
Total HxCDF	3.0	UEMPC		NA		NA	0.90	UJ		NA		NA
Total PeCDD	1.6	UJ		NA		NA	1.2	UJ		NA		NA
Total PeCDF	0.90	UJ		NA		NA	0.80	UJ		NA		NA
Total TCDD	1.3	UJ		NA		NA	1.1	UJ		NA		NA
Total TCDF	1.1	UJ		NA		NA	0.80	UJ		NA		NA
Toxicity Equivalency	0.00	U		NA		NA	0.00	U		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	27.4	U	20.0	U	65.5	U	37.1	U	10200			NA
Antimony	3.5	U	50.0	U	4.0	UJ	3.5	U	3.5	U		NA
Arsenic	113		43.0		76.2		42.5		18.5			NA
Barium	90.2	U	64.9		105		92.2	U	51.9			NA
Beryllium	0.28	U	1.0	U	0.60	U	0.32	U	2.0	J		NA
Cadmium	0.50	U	2.0	U	0.40	U	0.50	U	2.4	J		NA
Calcium	38900		57400		47600		36000		33400			NA
Chromium	0.50	J	5.0	U	0.90	U	0.50	U	24.3			NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	5.0		3.0	U	3.2	U	0.70	U	38.2			NA
Copper	0.80	U	2.0	U	2.3	U	0.80	U	85.3			NA
Cyanide		NA		NA	1.9	J		NA		NA		NA
Iron	32100		25400		39100	J	21900		16200			NA
Lead	2.3	UJ	1.0	U	1.7	U	2.8	UJ	31.7			NA
Magnesium	13300		10600		11800		14100		21600			NA
Manganese	6110		4400		6630		5420		2470			NA
Mercury	0.11	J	0.10	U	0.10	U	0.10	U	0.10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP23-07		OU1-PC-03S-01		OU1-PC-03S-02		OU1-MW-PC03S-07		OU1-MW-RW3-07		RM-GW04-0018	
Sample Location	MW-PC03D		MW-PC03S		MW-PC03S		MW-PC03S		RW3		4	
Date Sampled	1/27/2003		12/3/1997		12/3/1998		1/27/2003		1/16/2003		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0	
QC Identifier	Field Dup. OU1-MW-PC03D-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Recovery Well		Overburden	
Nickel	4.7		10.0	U	4.0	J	4.2		145			NA
Potassium	8070	J	11500		11500		6730	J	29700	J		NA
Selenium	2.1	U	1.0	UJ	1.9	U	2.1	U	2.2	UJ		NA
Silver	0.80	UJ	3.0	U	2.6		0.80	UJ	0.80	UJ		NA
Sodium	93900	J	96200		109000		83600	J	190000	J		NA
Thallium	6.8	UJ	1.0	UJ	5.3	UJ	9.3	U	4.0	U		NA
Vanadium	0.80	U	3.0	U	2.9	U	0.85	UJ	0.80	U		NA
Zinc	8.6	U	4.0	U	2.4	U	10.8	U	1240	J		NA
Wet Chemistry Analysis												
Alkalinity	264		275		315		298	J		NA		NA
Carbon Dioxide	316	J		NA		NA	337	J		NA		NA
Chloride	54.1		87.1		89.9		36.3			NA		NA
Ferrous Iron	2.49	J		NA		NA	16.4			NA		NA
Nitrate	0.050	UJ		NA		NA	0.050	UJ		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	UJ		NA		NA		NA
Nitrite-N	0.050	UJ		NA		NA	0.050	UJ		NA		NA
Sulfate	33.2		5.0	U	5.0	U	13.0			NA		NA
Sulfide	0.50	U		NA		NA	0.50	J		NA		NA
Total Organic Carbon	34.3			NA		NA	24.7			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane	1	U	5	U	5	U	5	U		NA		NA		NA
1,1,1-Trichloroethane	18		58		41		43		5200	J	6	J	20	
1,1,2,2-Tetrachloroethane	1	U	5	U	5	U	5	U	500	UJ	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	5	U	5	U	5	U		NA		NA		NA
1,1,2-Trichloroethane	1	U	5	U	5	U	5	U	500	UJ	10	U		NA
1,1-Dichloroethane	14		50		53		60		2600		8	J	1	U
1,1-Dichloroethene	14		46		39		44		400	J	3	J		NA
1,1-Dichloropropene	1	U	5	U	5	U	5	U		NA		NA		NA
1,2,3-Trichlorobenzene	1	U	5	U	5	U	5	U		NA		NA		NA
1,2,3-Trichloropropane	1	U	5	U	5	U	5	U		NA		NA		NA
1,2,4-Trichlorobenzene	1	U	5	U	5	U	5	U		NA		NA		NA
1,2,4-Trimethylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
1,2-Dibromo-3-chloropropane	1	U	5	U	5	U	5	U		NA		NA		NA
1,2-Dibromoethane	1	U	5	U	5	U	5	U		NA		NA		NA
1,2-Dichlorobenzene	1	U	5	U	5	U	5	U		NA		NA	1	U
1,2-Dichloroethane	1	U	5	U	5	U	5	U	500	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA	500	U	4	J		NA
1,2-Dichloropropane	1	U	5	U	5	U	5	U	500	U	10	U		NA
1,3,5-Trimethylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
1,3-Dichlorobenzene	1	U	5	U	5	U	5	U		NA		NA	1	U
1,3-Dichloropropane	1	U	5	U	5	U	5	U		NA		NA		NA
1,4-Dichlorobenzene	1	U	5	U	5	U	5	U		NA		NA	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	5	U	5	U	5	U		NA		NA		NA
2-Butanone	4	U	20	U	20	U	20	U	500	UJ	10	U		NA
2-Chloroethylvinylether	3	U	15	U	15	U	15	U		NA		NA		NA
2-Chlorotoluene	1	U	5	U	5	U	5	U		NA		NA		NA
2-Hexanone	0.6	U	3	U	3	U	3	U	500	UJ	10	UJ		NA
4-Chlorotoluene	1	U	5	U	5	U	5	U		NA		NA		NA
4-Methyl-2-Pentanone	0.5	U	2.5	U	2.5	U	2.5	U	500	UJ	10	UJ		NA
Acetone	4.9	B	15	B	24	B	15	BL	500	UJ	10	UJ		NA
Acrolein	10	U	50	U	50	U	50	U		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	5	U	25	U	25	U	25	U		NA		NA		NA
Benzene	1	U	5	U	5	U	5	U	160	J	10	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA		NA
Bromobenzene	1	U	5	U	5	U	5	U		NA		NA		NA
Bromochloromethane	1	U	5	U	5	U	5	U		NA		NA		NA
Bromodichloromethane	1	U	5	U	5	U	5	U	500	U	10	U	1	U
Bromoform	1	U	5	U	5	U	5	U	500	UJ	10	U		NA
Bromomethane	1	U	5	U	5	U	5	U	500	U	10	U		NA
Carbon Disulfide	3	U	15	U	15	U	15	U	500	U	10	U		NA
Carbon Tetrachloride	1	U	5	U	5	U	5	U	500	UJ	10	U		NA
Chlorobenzene	1	U	5		11		11		500	U	10	U	1	U
Chloroethane	1	U	5	U	3.2	L	3.5	L	500	U	10	U		NA
Chloroform	1	U	5	U	5	U	5	U	500	U	10	U	1	U
Chloromethane	1	U	5	U	5	U	5	U	500	U	10	U		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	11		38		27		30			NA		NA		NA
cis-1,3-Dichloropropene	1	U	5	U	5	U	5	U	500	U	10	U		NA
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	5	U	5	U	5	U	500	U	10	U		NA
Dibromomethane	1	U	5	U	5	U	5	U		NA		NA		NA
Dichlorodifluoromethane	1	U	5	U	5	U	5	U		NA		NA	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	3	U	15	U	15	U	15	U		NA		NA		NA
Ethylbenzene	1	U	5	U	5	U	5	U	500	U	10	U	1	U
Hexachlorobutadiene	1	U	5	U	5	U	5	U		NA		NA		NA
Isopropylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
m&p-Xylene	2	U	10	U	10	U	10	U		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	86		1200	E	1000	E	330			NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	5	U	5	U	5	U	500	U	10	U	1	U
m-Xylene		NA		NA		NA		NA		NA		NA		NA
Naphthalene	1	U	5	U	5	U	5	U		NA		NA		NA
n-Butylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
n-Propylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
o-Xylene	1	U	5	U	5	U	5	U		NA		NA		NA
p-Isopropyltoluene	1	U	5	U	5	U	5	U		NA		NA		NA
sec-Butylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
Styrene	1	U	5	U	5	U	5	U		R	10	U		NA
tert-Butylbenzene	1	U	5	U	5	U	5	U		NA		NA		NA
Tetrachloroethene	1	U	5	U	2.65	L	4.9	L	500	U	10	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran	7	U	35	U	35	U	35	U		NA		NA		NA
Toluene	1	U	5	U	5	U	5	U	500	U	10	U	1	U
Total Xylenes		NA		NA		NA		NA	500	U	10	U	1	U
trans-1,2-Dichloroethene	1	U	5	U	5	U	5	U		NA		NA	1	U
trans-1,3-Dichloropropene	1	U	5	U	5	U	5	U	500	U	10	U		NA
Trichloroethene	4.6		7.5		5.5		7.5		500	U	2	J	1	U
Trichlorofluoromethane	1	U	5	U	5	U	5	U		NA		NA	1	U
Vinyl Acetate	6	U	30	U	30	U	30	U		NA		NA		NA
Vinyl Chloride	1	U	2.5	L	3.7	L	3.2	L	150	J	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	11		52		42		46			NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	8.6		20		41		45			NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene	0.5	U	0.7		0.7		0.7			NA		NA		NA
Chlorobenzene	2	U	5.4		14		13			NA		NA		NA
cis-1,2-Dichloroethene	6.4		28		2.6		26			NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	0.3		0.6		4.3		9.2			NA		NA		NA
Toluene	1	U	1	U	1	U	1	U		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene	4		6.1		7		10			NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U		NA
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U		NA
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U		NA
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25	U		NA
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U		NA
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U		NA
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U		NA
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U		NA
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U		NA
2-Methylphenol		NA		NA		NA		NA	10	U	10	U		NA
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U		NA
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U		NA
3-Nitroaniline		NA		NA		NA		NA	25	U	25	UJ		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U		NA
4-Chloroaniline		NA		NA		NA		NA	10	U	10	UJ		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U		NA
4-Methylphenol		NA		NA		NA		NA	10	U	10	U		NA
4-Nitroaniline		NA		NA		NA		NA	25	U	25	UJ		NA
4-Nitrophenol		NA		NA		NA		NA	25	U	25	U		NA
Acenaphthene		NA		NA		NA		NA	10	U	10	U		NA
Acenaphthylene		NA		NA		NA		NA	10	U	10	U		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U	10	U		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U		NA
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U		NA
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	U		NA
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA	10	U	10	UJ		NA
Chrysene		NA		NA		NA		NA	10	U	10	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U		NA
Dibenzofuran		NA		NA		NA		NA	10	U	10	U		NA
Diethylphthalate		NA		NA		NA		NA	10	U	10	U		NA
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U		NA
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U		NA
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10	U		NA
Fluoranthene		NA		NA		NA		NA	10	U	10	U		NA
Fluorene		NA		NA		NA		NA	10	U	10	U		NA
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U		NA
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		R	10	U		NA
Hexachloroethane		NA		NA		NA		NA	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	U		NA
Isophorone		NA		NA		NA		NA	10	U	10	U		NA
Naphthalene		NA		NA		NA		NA	2	J	10	U		NA
Nitrobenzene		NA		NA		NA		NA	10	U	10	U		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U		NA
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U		NA
Phenanthrene		NA		NA		NA		NA	10	U	10	U		NA
Phenol		NA		NA		NA		NA	10	U	1	J		NA
Pyrene		NA		NA		NA		NA	10	U	10	U		NA
Total PAH		NA		NA		NA		NA	2		10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA	0.10	U		NA		NA
4,4'-DDE		NA		NA		NA		NA	0.10	U		NA		NA
4,4'-DDT		NA		NA		NA		NA	0.10	UJ		NA		NA
Aldrin		NA		NA		NA		NA		R		NA		NA
alpha-BHC		NA		NA		NA		NA	0.050	U		NA		NA
alpha-Chlordane		NA		NA		NA		NA	0.050	U		NA		NA
Aroclor, Total		NA		NA		NA		NA	1.1	U		NA		NA
Aroclor-1016		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1221		NA		NA		NA		NA	2.0	U		NA		NA
Aroclor-1232		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1242		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1248		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1254		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1260		NA		NA		NA		NA	1.0	U		NA		NA
Aroclor-1262		NA		NA		NA		NA	1.0	UJ		NA		NA
Aroclor-1268		NA		NA		NA		NA	1.0	U		NA		NA
beta-BHC		NA		NA		NA		NA	0.050	U		NA		NA
delta-BHC		NA		NA		NA		NA	0.050	U		NA		NA
Dieldrin		NA		NA		NA		NA	0.10	U		NA		NA
Endosulfan I		NA		NA		NA		NA		R		NA		NA
Endosulfan II		NA		NA		NA		NA	0.10	U		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U		NA		NA
Endrin		NA		NA		NA		NA	0.10	U		NA		NA
Endrin Aldehyde		NA		NA		NA		NA	0.10	U		NA		NA
Endrin Ketone		NA		NA		NA		NA	0.10	U		NA		NA
gamma-BHC		NA		NA		NA		NA	0.050	U		NA		NA
gamma-Chlordane		NA		NA		NA		NA	0.050	U		NA		NA
Heptachlor		NA		NA		NA		NA		R		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U		NA		NA
Methoxychlor		NA		NA		NA		NA	0.50	U		NA		NA
Toxaphene		NA		NA		NA		NA	5.0	U		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA	322	UJ		NA		NA
Antimony		NA		NA		NA		NA	4.0	U		NA		NA
Arsenic		NA		NA		NA		NA	9.2	J		NA		NA
Barium		NA		NA		NA		NA	52.8			NA	80.0	
Beryllium		NA		NA		NA		NA	1.0	U		NA		NA
Cadmium		NA		NA		NA		NA	1.0	U		NA	40.0	
Calcium		NA		NA		NA		NA	44900			NA		NA
Chromium		NA		NA		NA		NA	1.0	UJ		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA	50.0	U
Cobalt		NA		NA		NA		NA	2.0	U		NA		NA
Copper		NA		NA		NA		NA	29.4	U		NA	50.0	
Cyanide		NA		NA		NA		NA		NA		NA	20.0	
Iron		NA		NA		NA		NA	24500	J		NA	2020	
Lead		NA		NA		NA		NA	3.0	U		NA	130	
Magnesium		NA		NA		NA		NA	48100			NA		NA
Manganese		NA		NA		NA		NA	4580			NA		NA
Mercury		NA		NA		NA		NA	0.20	U		NA		NA

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Sample Number	RM-GW04-0023		RM-GW04-0028		RM-GW04-0038		RM-GW04-0047		SP-CRA-4S-01		OU2-GW-04		MW-4-080184	
Sample Location	4		4		4		4		CRA-4S		GW-04		MW-4	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		12/2/1997		3/31/1999		8/1/1984	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-47.0		0.0-0.0		0.0-0.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel		NA		NA		NA		NA	5.3	U		NA	640	
Potassium		NA		NA		NA		NA	8550			NA		NA
Selenium		NA		NA		NA		NA	3.0	U		NA		NA
Silver		NA		NA		NA		NA	12.1			NA		NA
Sodium		NA		NA		NA		NA	92600			NA		NA
Thallium		NA		NA		NA		NA	6.0	U		NA		NA
Vanadium		NA		NA		NA		NA	1.0	U		NA		NA
Zinc		NA		NA		NA		NA	49.0	UJ		NA		NA
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA	168			NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	119			NA	30.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.10	U		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	167			NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	7.5		1	U	10.5		1		5.3		4.8	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	1	U	1	U	1	U	21		1.1		9	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene	1	U	28.3		62.7		34		7.3		1	U
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform	1	U	1	U	1	U	1		11.7		2.5	
Chloromethane		NA		NA		NA		NA		NA		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U	2.6	
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	37		2.3		1	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene	1	U	1	U	1	U	1		1.5		1	U
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium	100		500	U	500	U	180		250		500	U
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium	40.0		30.0		50.0		30.0		300		40.0	
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA	50.0	U	50.0	U	20.0	
Chromium VI	50.0	U	50.0	U	20.0		50.0	U	50.0	U	50.0	U
Cobalt		NA		NA		NA		NA		NA		NA
Copper	90.0		10.0	U	20.0		40.0		30.0		20.0	
Cyanide	70.0		70.0		20.0		20.0		30.0		10.0	
Iron	400		120		140		590		200		270	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	10.0	
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-110184		MW-4-020185		MW-4-050185		MW-4-090185		MW-4-010186		MW-4-040186	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	11/1/1984		2/1/1985		5/1/1985		9/1/1985		1/1/1986		4/1/1986	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	660		370		900		1240		1250		620	
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc	220		760		160		510		450		240	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride	41.49		39.98		42.61		266.7		79.0		48.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA	10	U		NA		NA		NA		NA
1,1,1-Trichloroethane	5		11			NA	18.3		1	U	2.6	
1,1,2,2-Tetrachloroethane		NA	10	U		NA	1	U	1	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	10	U		NA	1	U	1	U		NA
1,1-Dichloroethane	8		10	U		NA	1	U	1	U	1	U
1,1-Dichloroethene		NA	10	U		NA	1	U	1	U		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dichloroethane		NA	10	U		NA	1	U	1	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA	10	U		NA	1	U	1	U		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	10	U		NA	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA	10	U		NA	1	U	1	U		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA	10	U	50	U		NA
2-Chloroethylvinylether		NA	10	U		NA	10	U	10	U		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA	10	U	50	U		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA	10	U	50	U		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U		NA	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA	10	U		NA	10	U	10	U		NA
Bromobenzene		NA	10	U		NA	1	U	1	U		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	10	U		NA	1	U	1	U	1	U
Bromoform		NA	10	U		NA	1	U	1	U		NA
Bromomethane		NA	25	U		NA	1	U	1	U		NA
Carbon Disulfide		NA		NA		NA	10	U	50	U		NA
Carbon Tetrachloride		NA	10	U		NA	1	U	1	U		NA
Chlorobenzene	1	U	10	U		NA	1	U	1	U	1	U
Chloroethane		NA	10	U		NA	10	U	10	U		NA
Chloroform	10		25			NA	2.8		1	U	9.1	
Chloromethane		NA	25	U		NA	1	U	1	U		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA	10	U		NA	1	U	1	U		NA
Dibromomethane		NA		NA		NA	1	U	1	U		NA
Dichlorodifluoromethane	10	U	10	U		NA		NA		NA	10	U
Dichloropropene, 1,3-		NA	10	U		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA	10	U	50	U		NA
Ethylbenzene	1	U	1	U		NA	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	10	U		NA	1	U	1	U	1	U
m-Xylene		NA		NA		NA	1	U	1	U		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA	1	U	1	U		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	10	U		NA	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U		NA	1	U	1	U	1	U
Total Xylenes	1	U	1	U		NA		NA		NA	1	U
trans-1,2-Dichloroethene	1	U	10	U		NA	1	U	1	U	1	U
trans-1,3-Dichloropropene		NA		NA		NA	1	U	1	U		NA
Trichloroethene	1		10	U		NA	18.6		1	U	1.3	
Trichlorofluoromethane	1	U	10	U		NA	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	50	U		NA	10	U	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium	150		50.0	U	80.0		1000	U	10.0	U	500	U
Beryllium		NA	70.0			NA		NA		NA		NA
Cadmium	70.0			NA	30.0		20.0		10.0		20.0	
Calcium		NA		NA		NA		NA		NA		NA
Chromium	50.0	U	10.0	U	20.0		70.0		680		260	
Chromium VI	50.0	U	10.0	U		NA	50.0	U	680		90.0	
Cobalt		NA		NA		NA		NA		NA		NA
Copper	40.0		30.0			NA	20.0		20.0		30.0	
Cyanide	50.0		50.0			NA	50.0	U	60.0		50.0	U
Iron	330		90.0			NA	50.0		50.0	U	60.0	
Lead	50.0	U	50.0	U	20.0	U	50.0	U	50.0	U	50.0	U
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA	1.0	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-070186		MW-4-102886		MW-4-010387		MW-4-042487		MW-4-072787		MW-4-120187	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	7/1/1986		10/28/1986		1/3/1987		4/24/1987		7/27/1987		12/1/1987	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	1920		1320			NA	100		560		680	
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA	10.0	U		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc	1490		1180			NA	110		460		800	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride	76.4		112			NA	24.0		52.0		49.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	54		76	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform	3.8		1		1	U	1	U	1	U	5	
Chloromethane		NA		NA		NA		NA		NA		NA
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	1	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene	1	U	1	U	1	U	1	U	1		2	
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium	500	U	500	U	500	U	500	U	500	U	500	U
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium	10.0		30.0		30.0		50.0		30.0		20.0	
Calcium		NA		NA		NA		NA		NA		NA
Chromium	70.0		240		350		1100		1100		250	
Chromium VI	70.0		240		380		50.0	U	50.0	U	400	
Cobalt		NA		NA		NA		NA		NA		NA
Copper	40.0		20.0		90.0		70.0		40.0		20.0	
Cyanide	50.0	U	50.0	U	50.0	U	50.0	U	40.0		340	
Iron	50.0	U	80.0		840		640		1300		500	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-020188		MW-4-050188		MW-4-080188		MW-4-110188		MW-4-010189		MW-4-050189	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	2/1/1988		5/1/1988		8/1/1988		11/1/1988		1/1/1989		5/1/1989	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	220		700		360		600		580		280	
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc	230		810		480		640		360		320	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA	82.0		68.0		110.6		78.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	356		691		219		49		85		213	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA	1	U	1	U
1,1-Dichloroethane	1	U	1	U	5		1	U	1	U	1	U
1,1-Dichloroethene		NA		NA		NA		NA	2		5	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane		NA		NA		NA		NA	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA	1	U	1	U
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U	1	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA	10	U	10	U
Bromobenzene		NA		NA		NA		NA	1	U	1	U
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform		NA		NA		NA		NA	1	U	1	U
Bromomethane		NA		NA		NA		NA	10	U	10	U
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA	1	U	1	U
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane		NA		NA		NA		NA	10	U	10	U
Chloroform	6		3		9		7		4		2	
Chloromethane		NA		NA		NA		NA	10	U	10	U
Chlorotoluene		NA		NA		NA		NA	1	U	1	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA	1	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA	1	U	1	U
Dibromomethane		NA		NA		NA		NA	1	U	1	U
Dichlorodifluoromethane		NA	10	U	10	U	10	U		NA		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA	1	U	1	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	1	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA	1	U	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U

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Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes	1	U	1	U	1	U	1	U		NA		NA
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA	1	U	1	U
Trichloroethene	10		10		3		1	U	4		6	
Trichlorofluoromethane	4		1	U	1	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA

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Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA

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Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium	500	U	500	U	500	U	500	U	500	U	500	U
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium	20.0		20.0		220		40.0		30.0		140	
Calcium		NA		NA		NA		NA		NA		NA
Chromium	2850		690		30.0		110		230		320	
Chromium VI	2850		600		200		120		180		320	
Cobalt		NA		NA		NA		NA		NA		NA
Copper	30.0		70.0		140		10.0	U	30.0		20.0	
Cyanide	50.0	U	50.0		50.0	U	50.0	U	50.0	U	50.0	U
Iron	730		80.0		50.0	U	50.0	U	50.0	U	490	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-080189		MW-4-100189		MW-4-020190		MW-4-050190		MW-4-112090		MW-4-022791	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4		MW-4	
Date Sampled	8/1/1989		10/1/1989		2/1/1990		5/1/1990		11/20/1990		2/27/1991	
Interval	15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0		15.0-30.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	160		410		790		1350		710		4960	
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc	170		240		750		1460		240		7960	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride	105		110		100		110		200		168	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	77		106		13		3	J	10	UJ	10	UJ		NA
1,1,2,2-Tetrachloroethane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	10	U		NA	10	UJ		NA
1,1,2-Trichloroethane	1	U	1	U	10	U	10	U	10	UJ	10	UJ		NA
1,1-Dichloroethane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
1,1-Dichloroethene	2		2		10	U	0.9	U	10	UJ	0.9	UJ		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	U		NA	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U		NA	10	UJ		NA
1,2-Dibromoethane		NA		NA		NA	10	U		NA	10	UJ		NA
1,2-Dichlorobenzene	1	U	1	U		NA	10	U		NA	10	UJ		NA
1,2-Dichloroethane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
1,2-Dichloroethene (total)		NA		NA	10	U		NA	10	U		NA		NA
1,2-Dichloropropane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U		NA	10	U		NA	10	UJ		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U		NA	10	U		NA	10	UJ		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA	100	UJ		NA
1-Chlorohexane	1	U	1	U		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA	10	U	10	U	10	UJ	10	UJ		NA
2-Chloroethylvinylether	10	U	10	U		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA	10	U	10	U	10	UJ	10	UJ		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA	10	U	10	UJ	10	UJ	10	UJ		NA
Acetone		NA		NA	10	UJ	2	J	10	UJ	2400	*J		NA
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U	10	U	10	U	10	UJ	10	UJ		NA
Benzyl Chloride	10	U	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
bis-(2-chloroisopropyl)ether	10	U	10	U		NA		NA		NA		NA		NA
Bromobenzene	1	U	1	U		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Bromoform	1	U	1	U	10	U	10	U	10	UJ	10	UJ		NA
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	UJ		NA
Carbon Disulfide		NA		NA	10	U	10	U	10	U	10	UJ		NA
Carbon Tetrachloride	1	U	1	U	10	U	10	U	10	UJ	10	UJ		NA
Chlorobenzene	1	U	1	U	10	U	10	U	10	UJ	10	UJ		NA
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	UJ		NA
Chloroform	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	UJ		NA
Chlorotoluene	1	U	1	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA	10	U		NA	10	UJ		NA
cis-1,3-Dichloropropene	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Cyclohexane		NA		NA		NA	10	U		NA	10	UJ		NA
Dibromochloromethane	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Dibromomethane	1	U	1	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	UJ		NA	10	UJ		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA	10	U		NA	10	UJ		NA
m&p-Xylene	1	U	1	U		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA	10	U		NA	10	UJ		NA
Methyl tert-Butyl Ether		NA		NA		NA	10	U		NA	10	UJ		NA
Methylcyclohexane		NA		NA		NA	10	U		NA	10	UJ		NA
Methylene Chloride	1	U	1	U	10	U	10	UJ	10	U	10	UJ		NA
m-Xylene		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene	1	U	1	U		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA	10	U	10	U		R	10	UJ		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	10	U	10	U	10	U	10	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	9	J	10	U	6	J	2	J		NA
Total Xylenes		NA		NA	10	U	10	U	10	U	10	UJ		NA
trans-1,2-Dichloroethene	1	U	1	U		NA	10	U		NA	10	UJ		NA
trans-1,3-Dichloropropene	1	U	1	U	10	U	10	U	10	U	10	UJ		NA
Trichloroethene	3		3		3	J	2	J	10	U	10	UJ		NA
Trichlorofluoromethane	1	U	1	U		NA	10	U		NA	10	UJ		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U	1	U	10	U	1	UJ		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	1	U
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	1	U
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	1	UJ
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		R
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	1	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	1	U
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	1	U
2-Butanone		NA		NA		NA		NA		NA		NA		R
2-Hexanone		NA		NA		NA		NA		NA		NA	5	U
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	5	U
Acetone		NA		NA		NA		NA		NA		NA		R
Benzene		NA		NA		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA		NA		NA	1	U
Bromodichloromethane		NA		NA		NA		NA		NA		NA	1	U
Bromoform		NA		NA		NA		NA		NA		NA	1	U
Bromomethane		NA		NA		NA		NA		NA		NA	1	UJ
Carbon Disulfide		NA		NA		NA		NA		NA		NA	1	U
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA	1	U
Chloroethane		NA		NA		NA		NA		NA		NA	1	UJ
Chloroform		NA		NA		NA		NA		NA		NA	1	U
Chloromethane		NA		NA		NA		NA		NA		NA	1	UJ
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	1	U
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	1	U
Dibromochloromethane		NA		NA		NA		NA		NA		NA	1	U
Ethylbenzene		NA		NA		NA		NA		NA		NA	1	U
Methylene Chloride		NA		NA		NA		NA		NA		NA	2	UJ
Styrene		NA		NA		NA		NA		NA		NA	1	U
Tetrachloroethene		NA		NA		NA		NA		NA		NA	1	U
Toluene		NA		NA		NA		NA		NA		NA	2	
Total Xylenes		NA		NA		NA		NA		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	1	U
Trichloroethene		NA		NA		NA		NA		NA		NA	1	U
Vinyl Chloride		NA		NA		NA		NA		NA		NA	1	UJ
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U		NA	10	UJ
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA	10	U	10	U	10	U	10	U	10	UJ
2,4,5-Trichlorophenol		NA		NA	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol		NA		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol		NA		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol		NA		NA	25	U	25	U	25	UJ	25	U	25	U
2,4-Dinitrotoluene		NA		NA	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene		NA		NA	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene		NA		NA	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol		NA		NA	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene		NA		NA	10	U	10	U	10	U	10	U	10	U
2-Methylphenol		NA		NA	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline		NA		NA	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol		NA		NA	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline		NA		NA	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether		NA		NA	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA		NA	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline		NA		NA	10	U	10	UJ	10	U	10	U	10	U
4-Chlorophenyl-phenylether		NA		NA	10	U	10	U	10	U	10	U	10	U
4-Methylphenol		NA		NA	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline		NA		NA	25	U	25	UJ	25	UJ	25	U	25	U
4-Nitrophenol		NA		NA	25	U	25	U	25	U	25	U	25	U
Acenaphthene		NA		NA	10	U	10	U	10	U	10	U	10	U
Acenaphthylene		NA		NA	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA	10	U		NA	10	U		NA
Anthracene		NA		NA	10	U	10	U	10	U	10	U	10	U
Atrazine		NA		NA		NA	10	U		NA	10	U		NA
Benzaldehyde		NA		NA		NA	10	UJ		NA	10	U		NA
Benzo(a)anthracene		NA		NA	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene		NA		NA	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene		NA		NA	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA		NA	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene		NA		NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA	10	U	10	U	1	J	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
Butylbenzylphthalate		NA		NA	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA	10	U		NA	810	*		NA
Carbazole		NA		NA	10	U	10	U	10	U	10	U	10	U
Chrysene		NA		NA	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA	10	U	10	U	10	U	10	U	10	U
Dibenzofuran		NA		NA	10	U	10	U	10	U	10	U	10	U
Diethylphthalate		NA		NA	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate		NA		NA	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate		NA		NA	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate		NA		NA	10	U	10	U	10	U	10	U	10	U
Fluoranthene		NA		NA	10	U	10	U	10	U	10	U	10	U
Fluorene		NA		NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene		NA		NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA		NA	10	UJ	10	U	10	U	10	U		R
Hexachloroethane		NA		NA	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA	10	U	10	U	10	U	10	U	10	U
Isophorone		NA		NA	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA	10	U	10	U	10	U	10	U	10	U
Nitrobenzene		NA		NA	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine		NA		NA	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol		NA		NA	25	UJ	25	U	25	UJ	25	U	25	U
Phenanthrene		NA		NA	10	U	10	U	10	U	10	U	10	U
Phenol		NA		NA	10	U	10	U	10	U	10	U	10	U
Pyrene		NA		NA	10	U	10	U	10	U	10	U	10	U
Total PAH		NA		NA	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA	0.20	UJ		NA	0.20	U		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA		NA		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)														

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
4,4'-DDD		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT		NA		NA	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ
Aldrin		NA		NA	0.050	U	0.050	U		R	0.050	U		R
alpha-BHC		NA		NA	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
alpha-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016		NA		NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221		NA		NA	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232		NA		NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242		NA		NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248		NA		NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254		NA		NA	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260		NA		NA	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262		NA		NA	1.0	UJ	0.28	U	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268		NA		NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC		NA		NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC		NA		NA	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050	U
Dieldrin		NA		NA	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I		NA		NA	0.050	U	0.050	U		R	0.050	U		R
Endosulfan II		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin		NA		NA	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC		NA		NA	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
gamma-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor		NA		NA	0.050	U	0.020	U		R	0.023			R
Heptachlor Epoxide		NA		NA	0.050	U	0.020	U	0.050	U	0.021		0.050	U
Methoxychlor		NA		NA	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene		NA		NA	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA	6.0	U	33.0	U	33200	J	453		20800	J
Antimony		NA		NA	4.3	J	3.5	U		R	4.2	U	4.0	U
Arsenic		NA		NA	7.7	J	6.0	U	17.6	J	4.1	UJ	6.3	J
Barium	500	U	500	U	8.3	U	23.9	U	21.2	J	39.0		14.9	
Beryllium		NA		NA	1.0	U	0.52	U	15.7		0.58	J	3.4	U
Cadmium	20.0		40.0		7.9	J	28.9		3.1	J	3.0	J	2.3	
Calcium		NA		NA	5250	U	6140	U	445000		47600		159000	
Chromium	280		400		477	J	603		1.0	UJ	2.5	J	1.0	UJ
Chromium VI	300		400			NA		NA		NA		NA		NA
Cobalt		NA		NA	7.2		17.0		517		24.8		113	
Copper	10.0		10.0		57.1	U	12.6	U	210	J	14.1		68.6	U
Cyanide	50.0		50.0	U		NA	6.0	UJ		NA		NA		NA
Iron	50.0	U	50.0	U	169	U	138		344000	J	13300		28400	J
Lead	50.0	U	50.0	U	3.0	U	1.5	U	7.3	J	5.6	UJ	3.0	U
Magnesium		NA		NA	1350	U	1670		339000		13300		64000	
Manganese		NA		NA	50.4	J	1300		43700		2230		11000	
Mercury		NA		NA	0.20	U	0.10	U	0.20	U	0.27	UJ	0.20	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-4-051791		MW-4-081691		CP-MW-4-01		OU2-MW-4-07		DK-MW-4B-01		OU2-MW-4B-07		DK-MW-4D-01	
Sample Location	MW-4		MW-4		MW-4		MW-4		MW-4B		MW-4B		MW-4D	
Date Sampled	5/17/1991		8/16/1991		11/18/1997		1/29/2003		12/3/1997		7/24/2003		12/3/1997	
Interval	13.0-23.0		15.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock		Overburden	
Nickel	1060		2160		138		289		594	J	32.9		222	
Potassium		NA		NA	2750		4760	J	7990		5190		4660	
Selenium		NA		NA	3.0	U	2.1	U	10.5	J	3.6	UJ	12.1	J
Silver		NA		NA	1.0	U	0.80	UJ	1.0	U	2.4	UJ	1.0	U
Sodium		NA		NA	83100		132000	J	40700		284000		153000	
Thallium		NA		NA	6.0	U	4.8	UJ	6.0	U	5.6	UJ	6.2	J
Vanadium		NA		NA	1.5	J	1.7	U		R	2.5	J	1.0	U
Zinc	1270		1940		264		466		1420	J	8790		516	J
Wet Chemistry Analysis														
Alkalinity		NA		NA	126			NA	4.7		30.0		2.0	U
Carbon Dioxide		NA		NA		NA		NA		NA	451			NA
Chloride	74.0		130		46.2			NA	157		403		191	
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA		NA	4.57			NA	0.10	U		NA	2.0	
Nitrite-N		NA		NA		NA		NA		NA	0.050	U		NA
Sulfate		NA		NA	38.2			NA	2600		703		695	
Sulfide		NA		NA		NA		NA		NA	0.50			NA
Total Organic Carbon		NA		NA		NA		NA		NA	21.6			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	10	U	50	U	10	U	500	U	10	U
1,1,2,2-Tetrachloroethane		NA	10	U	50	U	10	U	500	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane		NA	10	U	50	U	10	U	500	U	10	U
1,1-Dichloroethane		NA	10	U	50	U	10	U	500	U	10	U
1,1-Dichloroethene		NA	0.9	U	50	U	0.9	U	500	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	UJ		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		R		NA	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane		NA	10	U	50	U	10	U	500	U	10	U
1,2-Dichloroethene (total)		NA		NA	50	U		NA	500	U		NA
1,2-Dichloropropane		NA	10	U	50	U	10	U	500	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA	10	U	50	U	10	U	500	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA	10	U	50	U	10	UJ	500	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	U	50	U	10	U	500	U	10	UJ
Acetone		NA	4	J	50	U	10	U	500	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA	10	U	50	U	10	U	500	U	4	
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	10	U	50	U	10	U	500	U	10	U
Bromoform		NA	10	U	50	U	10	U	500	U	10	U
Bromomethane		NA	10	U	50	UJ	10	U	500	UJ	10	U
Carbon Disulfide		NA	10	U	50	U	10	U	500	U	10	U
Carbon Tetrachloride		NA	10	U	50	U	10	U	500	U	10	U
Chlorobenzene		NA	10	U	640		32		23000	*	400	
Chloroethane		NA	10	U	50	U	10	U	500	U	10	U
Chloroform		NA	10	U	50	U	10	U	500	U	10	U
Chloromethane		NA	10	U	50	U	10	U	500	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene		NA	10	U	50	U	10	U	500	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA	4	
Dibromochloromethane		NA	10	U	50	U	10	U	500	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	U		NA	10	U		NA	10	UJ
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA	10	U	50	U	10	U	500	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA	3	
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether		NA	1	J		NA	10	U		NA	10	U
Methylcyclohexane		NA	10	U		NA	10	U		NA	10	U
Methylene Chloride		NA	10	UJ	50	U	10	U	500	U	10	UJ
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA	10	U	50	U	10	U	500	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	10	U	50	U	10	U	500	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA	10	U	50	U	5	J	500	U	4	
Total Xylenes		NA	10	U	50	U	10	U	120	J	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene		NA	10	U	50	U	10	U	500	U	10	U
Trichloroethene		NA	10	U	50	U	10	U	500	U	10	U
Trichlorofluoromethane		NA	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	1	U	50	U	1	U	500	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA	10.0	U		NA	10.0	U
Ethene		NA		NA		NA	10.0	U		NA	10.0	U
Methane		NA		NA		NA	77.0			NA	2150	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	1	U		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	1	U		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	1	U		NA		NA		NA		NA		NA
1,1-Dichloroethane	1	U		NA		NA		NA		NA		NA
1,1-Dichloroethene	1	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	1	U		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	1	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U		NA		NA		NA		NA		NA
1,2-Dichloroethane	1	U		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone	5	U		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	5	U		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA		NA		NA
Bromochloromethane	1	U		NA		NA		NA		NA		NA
Bromodichloromethane	1	U		NA		NA		NA		NA		NA
Bromoform	1	U		NA		NA		NA		NA		NA
Bromomethane	1	U		NA		NA		NA		NA		NA
Carbon Disulfide	1	U		NA		NA		NA		NA		NA
Carbon Tetrachloride	1	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Chlorobenzene	1	U		NA		NA		NA		NA		NA
Chloroethane	1	U		NA		NA		NA		NA		NA
Chloroform	1	U		NA		NA		NA		NA		NA
Chloromethane	1	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	1	U		NA		NA		NA		NA		NA
Dibromochloromethane	1	U		NA		NA		NA		NA		NA
Ethylbenzene	1	U		NA		NA		NA		NA		NA
Methylene Chloride	2	U		NA		NA		NA		NA		NA
Styrene	1	U		NA		NA		NA		NA		NA
Tetrachloroethene	1	U		NA		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA		NA		NA
Total Xylenes	1	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	1	U		NA		NA		NA		NA		NA
Trichloroethene	1	U		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		R	25	U		R	25	U
2,4-Dinitrotoluene	10	U	10	U	10	UJ	10	U	10	UJ	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	4	J	10	U	60		2	
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	3	J	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ	10	U	10	UJ
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	UJ	25	U	25	UJ
4-Nitrophenol	25	U	25	U	25	U	25	U	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U		NA	10	U
Benzaldehyde		NA	10	U		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	UJ	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	34	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	2	J	4	
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	UJ	25	UJ	25	U	25	UJ
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	UJ	10	U
Total PAH	10	U		NA	10	U		NA	2			NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene		NA	0.20	U		NA	0.20	UJ		NA	0.20	UJ
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin		NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U
Endosulfan I		NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor		NA	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	2.0	U		NA	22.8	J		NA	4.0	U
1,2,3,4,6,7,8-HpCDF		NA	1.2	U		NA	9.0	U		NA	1.9	U
1,2,3,4,7,8,9-HpCDF		NA	1.6	UJ		NA	1.5	U		NA	2.3	U
1,2,3,4,7,8-HxCDD		NA	1.2	U		NA	1.4	U		NA	2.5	U
1,2,3,4,7,8-HxCDF		NA	1.0	J		NA	2.3	U		NA	1.5	U
1,2,3,6,7,8-HxCDD		NA	1.1	U		NA	1.5	U		NA	2.6	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA	0.70	U		NA	0.80	U		NA	1.5	U
1,2,3,7,8,9-HxCDD		NA	1.2	U		NA	1.4	U		NA	2.5	U
1,2,3,7,8,9-HxCDF		NA	0.90	UJ		NA	1.0	U		NA	1.8	U
1,2,3,7,8-PeCDD		NA	1.5	U		NA	1.7	U		NA	3.0	U
1,2,3,7,8-PeCDF		NA	0.50	U		NA	1.1	U		NA	1.9	U
2,3,4,6,7,8-HxCDF		NA	0.70	U		NA	0.90	U		NA	1.7	U
2,3,4,7,8-PeCDF		NA	0.60	U		NA	1.1	U		NA	1.9	U
2,3,7,8-TCDD		NA	0.90	UJ		NA	1.6	U		NA	2.8	U
2,3,7,8-TCDF		NA	0.70	U		NA	1.2	U		NA	2.1	U
OCDD		NA	11.2	UEMPC		NA	234			NA	6.4	U
OCDF		NA	2.9	U		NA	36.3	J		NA	4.7	U
Total HpCDD		NA	2.0	UJ		NA	37.4	J		NA	4.0	UJ
Total HpCDF		NA	1.3	UJ		NA	21.8	UJ		NA	2.1	UJ
Total HxCDD		NA	1.2	UJ		NA	1.4	UJ		NA	5.4	UEMPC
Total HxCDF		NA	1.0	UJ		NA	2.3	UJ		NA	1.6	UJ
Total PeCDD		NA	1.5	UJ		NA	1.7	UJ		NA	3.0	UJ
Total PeCDF		NA	0.60	UJ		NA	1.1	UJ		NA	1.9	UJ
Total TCDD		NA	0.90	UJ		NA	1.6	UJ		NA	2.8	UJ
Total TCDF		NA	0.70	UJ		NA	1.2	UJ		NA	2.1	UJ
Toxicity Equivalency		NA	0.00	UJ		NA	0.26	J		NA	0.00	U
TAL Metal Analysis (UG/L)												
Aluminum	13050		8430		29.1	UJ	374	U	29.1	UJ	146	U
Antimony	4.0	U	4.2	U	50.0	U	2.3	U	50.0	U	2.3	U
Arsenic	6.0	U	2.9	U	1.1	UJ	4.8	U	34.6		64.0	
Barium	16.4		8.8	U	30.0		24.9		45.9		38.9	
Beryllium	3.1	U	2.2		1.0	U	0.15	UJ	1.0	U	0.10	U
Cadmium	1.4		2.9	U	2.0	U	0.30	U	2.0	U	0.30	U
Calcium	80500		70400		185000		50200		31000		38600	
Chromium	1.0	U	2.3	J	5.0	U	1.2		5.0	U	0.55	
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	38.15		27.2		4.0	J	1.9	J	3.0	U	1.0	U
Copper	78.25	U	35.2		2.0	U	6.4	U	2.0	U	0.60	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron	1454.75		75.5	U	1070		433		22100		25400	
Lead	5.75		1.8	UJ	3.0	U	2.2	U	1.0	U	2.2	U
Magnesium	18500		12800		33800		9510		15500		18800	
Manganese	3340		2140		829		161		5280		6370	
Mercury	0.20	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	DK-MW-4S-01-AVG		OU2-MW-4S-07		OU1-PC-04B-01		OU1-MW-PC04B-07		OU1-PC-04D-01		OU1-MW-PC04D-07-AVG	
Sample Location	MW-4S		MW-4S		MW-PC04B		MW-PC04B		MW-PC04D		MW-PC04D	
Date Sampled	12/2/1997		7/23/2003		12/3/1997		2/4/2003		12/3/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 9		None		None		None		None		Field Dup. OU1-MW-PC04D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Nickel	83.05		57.7		10.0	U	2.4		10.0	U	3.5	
Potassium	4625		6110		5370		3500		4590		4750	
Selenium	2.85		3.6	UJ	1.0	UJ	4.8	U	1.0	UJ	4.8	U
Silver	2.2	U	2.4	UJ	3.0	U	0.60	U	3.0	U	0.93	
Sodium	118500		141000		49600		33700		157000		66100	
Thallium	6.0	U	5.6	UJ	1.0	U	4.7	U	1.0	U	4.7	U
Vanadium	1.0	U	1.4	U	3.0	U	0.88	J	3.0	U	0.50	U
Zinc	295.5		223	U	4.0	U	17.8		4.0	U	5.9	
Wet Chemistry Analysis												
Alkalinity	2.0	U	2.0	U	90.0		148		372		226	
Carbon Dioxide		NA	2.0	U		NA	160			NA	306	
Chloride	193.5		241		70.7	J	18.0		71.8	J	42.1	
Ferrous Iron		NA		NA		NA	0.090			NA	23.2	
Nitrate		NA	9.35			NA	0.065	J		NA	0.050	UJ
Nitrate-Nitrite (as N)	2.8			NA	0.10	U		NA	0.10	U		NA
Nitrite-N		NA	0.050	U		NA	0.050	UJ		NA	0.050	UJ
Sulfate	298.5		260		462		83.1		13.9		30.2	
Sulfide		NA	0.50	U		NA	0.64			NA	0.50	U
Total Organic Carbon		NA	3.98			NA	6.86	J		NA	4.0	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	10	U
1,1,1-Trichloroethane	10	U	10	U	3900		140	UJ	10	U	420	
1,1,2,2-Tetrachloroethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
1,1-Dichloroethane	10	U	10	U	1000	U	140	UJ	10	U	83.4	
1,1-Dichloroethene	0.9	U	0.9	U	370	J	140	UJ	0.9	U	230	
1,1-Dichloropropene		NA		NA		NA		NA		NA	10	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U	10	UJ		NA		NA	10	UJ	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	10	U
1,2-Dibromo-3-chloropropane	10	U		R		NA		NA		R	10	U
1,2-Dibromoethane	10	U	10	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U		NA		NA	10	U	10	U
1,2-Dichloroethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	180	J	140	UJ		NA		NA
1,2-Dichloropropane	10	U	10	U	1000	U	140	UJ	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene	10	U	10	U		NA		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene	10	U	10	U		NA		NA	10	U	10	U
1,4-Dioxane	100	UJ	100	UJ		NA		NA	100	UJ		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA	10	U
2-Butanone	10	U	10	U	1000	U	140	UJ	10	U	40	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA	30	U
2-Chlorotoluene		NA		NA		NA		NA		NA	10	U
2-Hexanone	10	U	10	UJ	1000	U	140	UJ	10	UJ	6	U
4-Chlorotoluene		NA		NA		NA		NA		NA	10	U
4-Methyl-2-Pentanone	10	UJ	10	U	1000	U	140	UJ	10	U	5	U
Acetone	10	U	10	U	1000	U	140	UJ	10	U	20	U
Acrolein		NA		NA		NA		NA		NA	100	U
Acrylamide		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA	50	U
Benzene	4	J	3	J	1000	U	18	J	2	J	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA	10	U
Bromochloromethane		NA		NA		NA		NA		NA	10	U
Bromodichloromethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
Bromoform	10	U	10	U	1000	U	140	UJ	10	U	10	U
Bromomethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
Carbon Disulfide	10	U	10	U	1000	U	140	UJ	10	U	30	U
Carbon Tetrachloride	10	U	10	U	1000	U	140	UJ	10	U	10	U
Chlorobenzene	530	*J	270	J	1000	U	4800	*J	100	J	10	U
Chloroethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
Chloroform	10	U	10	U	1000	U	140	UJ	10	U	10	U
Chloromethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	10	U	10	U		NA		NA	10	U	120	
cis-1,3-Dichloropropene	10	U	10	U	1000	U	140	UJ	10	U	10	U
Cyclohexane	2	J	10	U		NA		NA	20	J		NA
Dibromochloromethane	10	U	10	U	1000	U	140	UJ	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA	10	U
Dichlorodifluoromethane	10	UJ	10	U		NA		NA	10	U	10	U
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA	30	U
Ethylbenzene	10	U	10	U	1000		140	J	1600	*	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	10	U
Isopropylbenzene	1	J	10	U		NA		NA	58	J	10	U
m&p-Xylene		NA		NA		NA		NA		NA	20	U
Methyl Acetate	10	U	10	U		NA		NA	10	U		NA
Methyl tert-Butyl Ether	10	U	10	U		NA		NA	10	U	10	U
Methylcyclohexane	10	U	10	U		NA		NA	230	J		NA
Methylene Chloride	10	UJ	10	U	1000	UJ	140	UJ	10	U	10	U
m-Xylene		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA	10	U
n-Butylbenzene		NA		NA		NA		NA		NA	10	U
n-Propylbenzene		NA		NA		NA		NA		NA	10	U
o-Xylene		NA		NA		NA		NA		NA	10	U
p-Isopropyltoluene		NA		NA		NA		NA		NA	10	U
sec-Butylbenzene		NA		NA		NA		NA		NA	10	U
Styrene	10	U	10	U	1000	U	140	UJ	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA	10	U
Tetrachloroethene	10	U	10	U	1000	U	140	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA	70	U
Toluene	10	U	2	J	170000	*	20000	*J	35000	*	10	U
Total Xylenes	10	U	10	U	6800		730	J	8400	*		NA
trans-1,2-Dichloroethene	10	U	10	U		NA		NA	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	1000	U	140	UJ	10	U	10	U
Trichloroethene	10	U	10	U	1000	U	140	UJ	10	U	150	
Trichlorofluoromethane	10	U	10	U		NA		NA	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA	60	U
Vinyl Chloride	1	U	1	U	1000	U	140	UJ	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U	10.0	U		NA		NA	10.0	U		NA
Ethene	10.0	U	10.0	U		NA		NA	10.0	U		NA
Methane	2200		2100			NA		NA	13000			NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	336	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA	150	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA	14	U
Chlorobenzene		NA		NA		NA		NA		NA	58	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	109	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA	14	U
Toluene		NA		NA		NA		NA		NA	28	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA	187	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA	10	U	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	25	U	25	U		R	25	U	25	U		NA
2,4,6-Trichlorophenol	10	U	10	U		R	10	U	10	U		NA
2,4-Dichlorophenol	10	U	10	U		R	10	U	10	U		NA
2,4-Dimethylphenol	10	U	10	U	4	J	17		10	U		NA
2,4-Dinitrophenol	25	U	25	U		R	25	U	25	U		NA
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	10	U	10	U	10	UJ	10	U	10	U		NA
2-Chlorophenol	3	J	2	J		R	6	J	10	U		NA
2-Methylnaphthalene	10	U	10	U	10	U	0.5	J	1	J		NA
2-Methylphenol	10	U	10	U	61	J	51		29			NA
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
2-Nitrophenol	10	U	10	U		R	10	U	10	U		NA
3,3'-Dichlorobenzidine	10	UJ	10	UJ	10	U	10	U	10	UJ		NA
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	25	U	25	U		R	25	U	25	U		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	10	U	10	U		R	10	U	10	U		NA
4-Chloroaniline	10	UJ	10	UJ	10	U	10	U	10	UJ		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	10	U	10	U	75	J	52		38			NA
4-Nitroaniline	25	UJ	25	UJ	25	U	25	U	25	UJ		NA
4-Nitrophenol	25	U	25	U		R	25	U	25	U		NA
Acenaphthene	10	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	10	U	10	U	10	U	10	U	10	U		NA
Acetophenone	10	U	10	U		NA		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U		NA
Atrazine	10	U	10	U		NA		NA	10	U		NA
Benzaldehyde	10	UJ	10	UJ		NA		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	10	U	10	U		R	10	U	10	U		NA
Benzo(b)fluoranthene	10	U	10	U		R	10	U	10	U		NA
Benzo(g,h,i)perylene	10	UJ	10	UJ		R	10	U	10	UJ		NA
Benzo(k)fluoranthene	10	U	10	U		R	10	U	10	U		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Caprolactam	10	U	10	U		NA		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U		NA
Chrysene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	10	U	10	U		R	10	U	10	U		NA
Dibenzofuran	10	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	10	U	10	U		R	10	U	10	U		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Fluorene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	10	U	10	U	10	UJ	10	U	10	U		NA
Hexachloroethane	10	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U		R	10	U	10	U		NA
Isophorone	10	U	10	U	10	U	10	U	10	U		NA
Naphthalene	4	J	5	J	2	J	8	J	4	J		NA
Nitrobenzene	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	U	10	U		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	25	UJ	25	UJ		R	25	U	25	UJ		NA
Phenanthrene	10	U	10	U	10	U	10	U	10	U		NA
Phenol	10	U	10	U		R	10	U	10	U		NA
Pyrene	10	U	10	U	10	U	10	U	10	U		NA
Total PAH		NA		NA	2		8			NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA	0.20	U		NA
Benzo(a)pyrene	0.20	UJ	0.20	UJ		NA		NA	0.20	UJ		NA
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	UJ		NA
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	UJ		NA
Chrysene	0.20	U	0.20	U		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA	0.20	UJ		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA	0.20	UJ		NA
Phenanthrene	0.20	U	0.20	U		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	0.050	UJ	0.050	UJ	0.050	U	0.023	J	0.050	UJ		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total		NA		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	0.25	U	0.25	U	2.0	U	2.0	U	0.25	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	0.25	U	0.25	U	1.0	U	1.0	U	0.25	U		NA
Aroclor-1260	0.25	U	0.25	U	1.0	U	1.0	U	0.25	U		NA
Aroclor-1262	0.28	U	0.28	U	1.0	UJ	1.0	U	0.28	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Dieldrin	0.050	U	0.050	U	0.10	U	0.10	U	0.050	U		NA
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	0.10	U	0.10	U	0.10	U		R	0.10	U		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	0.050	U	0.050	U	0.10	U	0.0058	J	0.050	U		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	0.050	UJ	0.050	UJ	0.050	U	0.0035	J	0.13	J		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	0.020	U	0.020	U	0.050	U	0.25		0.020	U		NA
Heptachlor Epoxide	0.020	U	0.020	U	0.050	U	0.050	U	0.020	U		NA
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	4.0	U	4.0	U		NA		NA	4.2	U		NA
1,2,3,4,6,7,8-HpCDF	1.9	U	2.0	U		NA		NA	2.1	U		NA
1,2,3,4,7,8,9-HpCDF	2.3	U	2.4	U		NA		NA	2.6	U		NA
1,2,3,4,7,8-HxCDD	2.5	U	2.4	U		NA		NA	2.7	U		NA
1,2,3,4,7,8-HxCDF	1.5	U	1.5	U		NA		NA	2.8	U		NA
1,2,3,6,7,8-HxCDD	2.6	U	2.4	U		NA		NA	2.7	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF	1.5	U	1.4	U		NA		NA	1.6	U		NA
1,2,3,7,8,9-HxCDD	2.5	U	2.4	U		NA		NA	2.6	U		NA
1,2,3,7,8,9-HxCDF	1.8	U	1.8	U		NA		NA	2.0	U		NA
1,2,3,7,8-PeCDD	3.0	U	3.0	U		NA		NA	3.2	U		NA
1,2,3,7,8-PeCDF	1.9	U	1.9	U		NA		NA	2.0	U		NA
2,3,4,6,7,8-HxCDF	1.7	U	1.6	U		NA		NA	1.8	U		NA
2,3,4,7,8-PeCDF	1.9	U	1.9	U		NA		NA	2.1	U		NA
2,3,7,8-TCDD	2.8	U	2.6	U		NA		NA	2.9	U		NA
2,3,7,8-TCDF	2.1	U	1.9	U		NA		NA	2.3	U		NA
OCDD	6.4	U	6.4	U		NA		NA	12.4	J		NA
OCDF	4.7	U	4.6	U		NA		NA	4.9	U		NA
Total HpCDD	4.0	UJ	4.0	UJ		NA		NA	4.2	UJ		NA
Total HpCDF	2.1	UJ	2.2	UJ		NA		NA	2.3	UJ		NA
Total HxCDD	5.4	UEMPC	2.4	UJ		NA		NA	2.7	UJ		NA
Total HxCDF	1.6	UJ	1.6	UJ		NA		NA	2.8	UJ		NA
Total PeCDD	3.0	UJ	3.0	UJ		NA		NA	3.2	UJ		NA
Total PeCDF	1.9	UJ	1.9	UJ		NA		NA	2.1	UJ		NA
Total TCDD	2.8	UJ	2.6	UJ		NA		NA	2.9	UJ		NA
Total TCDF	2.1	UJ	1.9	UJ		NA		NA	2.3	UJ		NA
Toxicity Equivalency	0.00	U	0.00	U		NA		NA	0.0012	J		NA
TAL Metal Analysis (UG/L)												
Aluminum	146	U	195	U	91.6	U	40.4	U	175	U		NA
Antimony	2.3	U	2.3	U	50.0	U	4.0	UJ	2.3	U		NA
Arsenic	64.0		64.0		3.9	U	2.0	U	4.8	U		NA
Barium	38.8		39.0		109		64.5		44.7			NA
Beryllium	0.10	U	0.10	U	1.0	U	0.60	U	0.10	U		NA
Cadmium	0.30	U	0.30	U	2.0	U	0.40	U	0.30	U		NA
Calcium	38700		38600		82300		51300		86500			NA
Chromium	0.60	U	0.79	J	5.4	J	0.90	U	0.62	J		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	1.0	U	1.0	U	6.0		3.2	U	1.0	U		NA
Copper	0.60	U	0.60	U	2.0	U	2.3	U	1.5	U		NA
Cyanide		NA		NA		NA	2.6	J		NA		NA
Iron	25400		25300		24600		13700	J	1600			NA
Lead	2.2	U	2.2	U	1.0	U	2.3	UJ	2.2	U		NA
Magnesium	18900		18700		17100		13100		18200			NA
Manganese	6390		6340		5670		4510		1080			NA
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC04D-07		OU1-MW-DUP28-07		OU1-PC-04S-01		OU1-PC-04S-02		OU1-MW-PC04S-07		RM-GW05-0024	
Sample Location	MW-PC04D		MW-PC04D		MW-PC04S		MW-PC04S		MW-PC04S		5	
Date Sampled	2/4/2003		2/4/2003		12/3/1997		12/4/1998		2/4/2003		2/20/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-24.0	
QC Identifier	Field Dup. OU1-MW-PC04D-07		Field Dup. OU1-MW-PC04D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	3.8		3.2		10.0	U	3.4	U	1.1	U		NA
Potassium	4750		4740		7180		7910		5610			NA
Selenium	4.8	U	4.8	U	1.0	UJ	1.9	U	4.8	U		NA
Silver	0.91	J	0.95	J	3.0	U	1.5	J	0.60	U		NA
Sodium	66400		65800		67000		82100		96900			NA
Thallium	4.7	U	4.7	U	1.0	UJ	5.9	UJ	4.7	U		NA
Vanadium	0.50	U	0.50	U	3.0	U	2.9	U	1.4			NA
Zinc	5.3		6.5		7.6	UJ	2.4	U	1.4	U		NA
Wet Chemistry Analysis												
Alkalinity	238		214		200		296		320			NA
Carbon Dioxide	321		291			NA		NA	353			NA
Chloride	42.2		42.0		24.6	J	43.0		90.1			NA
Ferrous Iron	22.4		24.0	J		NA		NA	0.72			NA
Nitrate	0.050	UJ	0.050	UJ		NA		NA	0.105	J		NA
Nitrate-Nitrite (as N)		NA		NA	0.10	U	0.12	UJ		NA		NA
Nitrite-N	0.050	UJ	0.050	UJ		NA		NA	0.050	UJ		NA
Sulfate	30.6		29.9		208		5.0	U	5.3			NA
Sulfide	0.50	U	0.50	U		NA		NA	2.64			NA
Total Organic Carbon	3.36	J	4.71	J		NA		NA	44.4	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	11		21		7		65		93	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	1	U	1	U	1	U
1,1-Dichloroethane	230		10	U	10	J	9	J	3		8		7	
1,1-Dichloroethene	0.9	UJ	0.9	U	6	J	8	J	1	U	1	U	1	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ	10	UJ		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA		NA		NA		NA
1,2-Dibromoethane	10	U	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA		NA	1	U	1	U	1	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA	9	J	11			NA		NA		NA
1,2-Dichloropropane	10	U	56	J	10	U	10	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA	1	U	1	U	1	U
1,4-Dioxane	150	J	100	UJ		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA	1	U	1	U	1	U
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone	10	UJ	10	U	10	U	10	U		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	UJ	10	UJ	10	U		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	UJ	10	U	10	UJ	10	U		NA		NA		NA
Acetone	10	U	10	U	14	UJ	46			NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylamide		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene	140		2300	*J	10	U	10	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA	1	U	1	U	1	U
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Bromoform	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	UJ	10	U	10	U	10	U		NA		NA		NA
Carbon Tetrachloride	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Chlorobenzene	3	J	10	U	10	U	10	U	1	U	1	U	1	U
Chloroethane	53		10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	2		1	U	1	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA	1	U	1	U	1	U
cis-1,2-Dichloroethene	10	U	10	U		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Cyclohexane	3	J	340	*J		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Dibromomethane		NA		NA		NA		NA	1	U	1	U	1	U
Dichlorodifluoromethane	10	U	10	U		NA		NA		NA		NA		NA
Dichloropropene, 1,3-		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	2	J	10	U	10	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA	1	U	1	U	1	U
Methyl Acetate	10	U	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	10	U		NA		NA		NA		NA		NA
Methylcyclohexane	10	U	5400	*J		NA		NA		NA		NA		NA
Methylene Chloride	10	UJ	10	U	10	U	10	U	1	U	1	U	1	U
m-Xylene		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA	1	U	1	U	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	1		1	U	4	

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Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Total Xylenes	10	U	10	U	10	U	10	U		NA		NA		NA
trans-1,2-Dichloroethene	10	UJ	10	U		NA		NA	1	U	1	U	1	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	1	U	1	U	1	U
Trichloroethene	10	U	10	U	5	J	6	J	23		22		28	
Trichlorofluoromethane	10	U	10	U		NA		NA	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	5		1	U	10	U	10	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl	10	U	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA		NA		NA
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA		NA		NA
2,4-Dinitrophenol	25	UJ	25	U	25	U		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA		NA
2-Chloronaphthalene	10	U	10	U	10	U		NA		NA		NA		NA
2-Chlorophenol	10	U	10	U	10	U		NA		NA		NA		NA
2-Methylnaphthalene	10	U	10	U	10	U		NA		NA		NA		NA
2-Methylphenol	10	U	10	U	10	U		NA		NA		NA		NA
2-Nitroaniline	25	U	25	U	25	U		NA		NA		NA		NA
2-Nitrophenol	10	U	10	U	10	U		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	UJ	10	UJ	10	U		NA		NA		NA		NA
3-Nitroaniline	25	U	25	U	25	UJ		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA		NA		NA
4-Chloroaniline	10	UJ	10	UJ	10	UJ		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA		NA
4-Methylphenol	10	U	10	U	10	U		NA		NA		NA		NA
4-Nitroaniline	25	U	25	U	25	UJ		NA		NA		NA		NA
4-Nitrophenol	25	U	25	U	25	U		NA		NA		NA		NA
Acenaphthene	10	U	10	U	10	U		NA		NA		NA		NA
Acenaphthylene	10	U	10	U	10	U		NA		NA		NA		NA
Acetophenone	10	U	10	U		NA		NA		NA		NA		NA
Anthracene	10	U	10	U	10	U		NA		NA		NA		NA
Atrazine	10	UJ	10	U		NA		NA		NA		NA		NA
Benzaldehyde	10	U	10	UJ		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Benzo(a)pyrene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Benzo(b)fluoranthene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Benzo(k)fluoranthene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	UJ	10	UJ	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Butylbenzylphthalate	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Caprolactam	10	U	10	U		NA		NA		NA		NA		NA
Carbazole	10	U	10	U	10	UJ		NA		NA		NA		NA
Chrysene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Dibenzofuran	10	U	10	U	10	U		NA		NA		NA		NA
Diethylphthalate	10	U	10	U	10	U		NA		NA		NA		NA
Dimethylphthalate	10	U	10	U	10	U		NA		NA		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U		NA		NA		NA		NA
Di-n-octylphthalate	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Fluoranthene	10	U	10	U	10	U		NA		NA		NA		NA
Fluorene	10	U	10	U	10	U		NA		NA		NA		NA
Hexachlorobenzene	10	U	10	U	10	U		NA		NA		NA		NA
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	UJ	10	U	10	U		NA		NA		NA		NA
Hexachloroethane	10	U	10	U	10	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Isophorone	10	U	10	U	10	U		NA		NA		NA		NA
Naphthalene	10	U	10	U	10	U		NA		NA		NA		NA
Nitrobenzene	10	U	10	U	10	U		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U	5	J	10	U		NA		NA		NA		NA
Pentachlorophenol	25	U	25	U	25	U		NA		NA		NA		NA
Phenanthrene	10	U	10	U	10	U		NA		NA		NA		NA
Phenol	2	J	4	J	10	U		NA		NA		NA		NA
Pyrene	10	UJ	10	UJ	10	U		NA		NA		NA		NA
Total PAH		NA		NA	10	U		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	UJ	0.20	UJ		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U	0.10	U		NA		NA		NA		NA		NA
Aldrin	0.050	U	0.050	U		NA		NA		NA		NA		NA
alpha-BHC	0.050	UJ	0.050	U		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	U	0.050	U		NA		NA		NA		NA		NA
delta-BHC	0.050	U	0.050	U		NA		NA		NA		NA		NA
Dieldrin	0.050	U	0.050	U		NA		NA		NA		NA		NA
Endosulfan I	0.050	U	0.050	U		NA		NA		NA		NA		NA
Endosulfan II	0.10	U	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA		NA		NA		NA
Endrin	0.050	U	0.050	U		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U	0.10	U		NA		NA		NA		NA		NA
gamma-BHC	0.050	UJ	0.050	U		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	U	0.050	U		NA		NA		NA		NA		NA
Heptachlor	0.020	U	0.020	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U	0.020	U		NA		NA		NA		NA		NA
Methoxychlor	0.50	U	0.50	U		NA		NA		NA		NA		NA
Toxaphene	5.0	U	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum	40.5	U	32.2	U		NA		NA		NA		NA		NA
Antimony	4.4	UJ	3.8	UJ		NA		NA		NA		NA		NA
Arsenic	31.3		6.8	U		NA		NA		NA		NA		NA
Barium	72.1	U	27.1	U		NA		NA	500	U	500	U	500	U
Beryllium	0.28	U	0.26	U		NA		NA		NA		NA		NA
Cadmium	0.50	U	0.50	U		NA		NA	40.0		290		220	
Calcium	43400		127000			NA		NA		NA		NA		NA
Chromium	0.50	U	8.6			NA		NA	50.0	U	550		360	
Chromium VI		NA		NA		NA		NA	50.0	U	50.0	U	50.0	U
Cobalt	0.81	UJ	0.70	U		NA		NA		NA		NA		NA
Copper	0.80	U	3.4	U		NA		NA	170		670		500	
Cyanide		NA		NA		NA		NA	50.0		50.0	U	50.0	U
Iron	40000		42300			NA		NA	520		570		250	
Lead	2.6	UJ	3.7	UJ		NA		NA	50.0	U	50.0	U	510	
Magnesium	21500		5520			NA		NA		NA		NA		NA
Manganese	3060		1670			NA		NA		NA		NA		NA
Mercury	0.10	U	0.10	U		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA5D-07		OU2-MW-CRA5S-07		OU2-GW-05A		OU2-GW-05B		MW-5-112090		MW-5-022791		MW-5-051791	
Sample Location	CRA-5D		CRA-5S		GW-05A		GW-05B		MW-5		MW-5		MW-5	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		8.3-18.3		8.3-18.3		8.3-18.3	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nickel	1.7	U	1.7	U		NA		NA	320		940		630	
Potassium	17200	J	11600	J		NA		NA		NA		NA		NA
Selenium	4.8	U	4.2	U		NA		NA		NA		NA		NA
Silver	0.80	UJ	0.80	UJ		NA		NA		NA		NA		NA
Sodium	330000	J	31500	J		NA		NA		NA		NA		NA
Thallium	7.2	UJ	4.3	UJ		NA		NA		NA		NA		NA
Vanadium	1.7	U	1.1	UJ		NA		NA		NA		NA		NA
Zinc	5.8	U	6.9	U		NA		NA	670		4210		3480	
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	460		1.0		1.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	87		12		1	U	56		460		160	
1,1,2,2-Tetrachloroethane	1	U	1	U		NA		NA	50	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	1	U	1	U		NA		NA	50	U	10	U
1,1-Dichloroethane	4		3		4		1	U	35	J	31	
1,1-Dichloroethene	1	U	1	U		NA		NA	120		100	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene	1	U	1	U		NA		NA		NA	10	U
1,2-Dichloroethane	1	U	1	U		NA		NA	50	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA	46	J		NA
1,2-Dichloropropane	1	U	1	U		NA		NA	50	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
1-Chlorohexane	1	U	1	U		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA	50	U	10	UJ
2-Chloroethylvinylether	10	U	10	U		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA	50	U	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA	50	U	10	UJ
Acetone		NA		NA		NA		NA	98	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	1	U	1	U		NA		NA	50	U	10	U
Benzyl Chloride	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	10	U	10	U		NA		NA		NA		NA
Bromobenzene	1	U	1	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	1	U	1	U		NA		NA	50	U	10	U
Bromoform	1	U	1	U		NA		NA	50	U	10	U
Bromomethane	10	U	10	U		NA		NA	50	UJ	10	U
Carbon Disulfide		NA		NA		NA		NA	50	U	10	U
Carbon Tetrachloride	1	U	1	U	24			NA	50	UJ	10	U
Chlorobenzene	1	U	1	U		NA		NA	50	U	4	J
Chloroethane	10	U	10	U		NA		NA	50	U	3	J
Chloroform	1	U	1	U	1	U	1	U	50	U	1	J
Chloromethane	10	U	10	U		NA		NA	50	U	10	U
Chlorotoluene	1	U	1	U		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	36	
cis-1,3-Dichloropropene	1	U	1	U		NA		NA	50	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	1	U	1	U		NA		NA	50	U	10	U
Dibromomethane	1	U	1	U		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	1	U	1	U	1	U	1	U	50	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA	10	U
m&p-Xylene	1	U	1	U		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	10	U
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	1	U	1	U		NA		NA	50	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene	1	U	1	U		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA	50	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	U	1	U	24		1	U	50	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	U	1	U	1	U	1	U	50	U	10	U
Total Xylenes		NA		NA	1	U	1	U	50	U	10	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	2			NA	10	U
trans-1,3-Dichloropropene	1	U	1	U		NA		NA	50	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Trichloroethene	1		2		2		2		770		450	*
Trichlorofluoromethane	1	U	1	U		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U		NA		NA	50	U	3	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA	10.0	U
Ethene		NA		NA		NA		NA		NA	10.0	U
Methane		NA		NA		NA		NA		NA	130	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA		R	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	UJ

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Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
3-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U
4-Nitroaniline		NA		NA		NA		NA	25	U	25	UJ
4-Nitrophenol		NA		NA		NA		NA	15	J	25	U
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	1	J
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole		NA		NA		NA		NA	10	U	10	U
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10	U
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U	10	U
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	UJ
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA		R	0.10	U
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.10	U
Aldrin		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA	0.050	U	0.050	UJ
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA	1.1	U		NA
Aroclor-1016		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA	2.0	U	0.25	U
Aroclor-1232		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1260		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1262		NA		NA		NA		NA	1.0	U	0.28	U
Aroclor-1268		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
delta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA		R	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Endosulfan I		NA		NA		NA		NA	0.050	U	0.050	U
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA	0.10	U	0.050	U
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA	0.050	U	0.050	UJ
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA	0.050	U	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.020	U
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	1.7	U
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	0.90	U
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	1.2	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	0.90	U
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	0.90	JEMPC
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	0.90	U
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	0.50	U
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	0.80	U
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	0.60	U
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	0.70	U
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	0.40	U
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	0.50	U
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	0.40	U
2,3,7,8-TCDD		NA		NA		NA		NA		NA	0.60	U
2,3,7,8-TCDF		NA		NA		NA		NA		NA	0.40	U
OCDD		NA		NA		NA		NA		NA	5.1	J
OCDF		NA		NA		NA		NA		NA	2.2	U
Total HpCDD		NA		NA		NA		NA		NA	1.7	UJ
Total HpCDF		NA		NA		NA		NA		NA	1.0	UJ
Total HxCDD		NA		NA		NA		NA		NA	5.2	JEMPC
Total HxCDF		NA		NA		NA		NA		NA	0.90	JEMPC
Total PeCDD		NA		NA		NA		NA		NA	0.70	UJ
Total PeCDF		NA		NA		NA		NA		NA	0.40	UJ
Total TCDD		NA		NA		NA		NA		NA	0.95	JEMPC
Total TCDF		NA		NA		NA		NA		NA	1.2	UJ
Toxicity Equivalency		NA		NA		NA		NA		NA	0.00051	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-5-081691		MW-5-111891		MW-5-021892		MW-5-081892		OU1-PC-05B-01		OU1-MW-PC05B-07	
Sample Location	MW-5		MW-5		MW-5		MW-5		MW-PC05B		MW-PC05B	
Date Sampled	8/16/1991		11/18/1991		2/18/1992		8/18/1992		12/5/1997		2/4/2003	
Interval	8.3-18.3		8.3-18.3		8.3-18.3		8.3-18.3		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA	20.0	U	210	U
Antimony		NA		NA		NA		NA	50.0	U	2.3	U
Arsenic		NA		NA		NA		NA	1.0	U	4.8	U
Barium	500	U	500	U	500	U	500	U	58.1	J	52.1	J
Beryllium		NA		NA		NA		NA	1.0	U	0.13	UJ
Cadmium	160		280		160		10.0		2.0	U	0.30	U
Calcium		NA		NA		NA		NA	245000		258000	
Chromium	50.0	U	50.0	U	50.0	U	50.0	U	7.2	J	5.5	
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U		NA		NA
Cobalt		NA		NA		NA		NA	5.0	J	4.5	
Copper	140		140		860		70.0		16.9		3.5	UJ
Cyanide	50.0	U	50.0	U	50.0	U	90.0			NA		NA
Iron	150		140		80.0		200		74.4	UJ	497	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	1.3	UJ	2.2	U
Magnesium		NA		NA		NA		NA	55300		59300	
Manganese		NA		NA		NA		NA	3010	J	3230	
Mercury		NA		NA		NA		NA	0.10	U	0.10	U
Nickel	320		420		440		70.0		32.0		142	J
Potassium		NA		NA		NA		NA	8240	J	10200	
Selenium		NA		NA		NA		NA	1.0	UJ	4.8	U
Silver		NA		NA		NA		NA	3.0	UJ	0.60	UJ
Sodium		NA		NA		NA		NA	113000	J	125000	
Thallium		NA		NA		NA		NA	1.0	UJ	4.7	U
Vanadium		NA		NA		NA		NA	3.0	U	0.50	U
Zinc	660		440		1600		170		5.7	UJ	41.9	J
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	156		180	
Carbon Dioxide		NA		NA		NA		NA		NA	172	
Chloride	1.0		1.0		200		380		539		451	
Ferrous Iron		NA		NA		NA		NA		NA	0.070	
Nitrate		NA		NA		NA		NA		NA	0.265	
Nitrate-Nitrite (as N)		NA		NA		NA		NA	2.9			NA
Nitrite-N		NA		NA		NA		NA		NA	0.050	U
Sulfate		NA		NA		NA		NA	194		257	
Sulfide		NA		NA		NA		NA		NA	0.50	U
Total Organic Carbon		NA		NA		NA		NA		NA	3.05	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	14.5		10	U	5	J	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	1	J	10	U	5	J	10	U	10	U
1,1-Dichloroethene	4.5		0.9	U	10	U	0.9	U	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA	10	UJ		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	8	J	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	32.5			NA	10	U		NA	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA	100	UJ
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Acetone	25.5	U	10	U	9	J	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	UJ	10	U	10	UJ	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	26		10	U	11		10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	2	J		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	UJ		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether		NA	10	U		NA	1	J		NA	10	UJ
Methylcyclohexane		NA	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	UJ	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	12	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	125		10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	6.5		0.8	J	11		5		10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA	10.0	U		NA	10.0	U		NA	10.0	U
Ethene		NA	10.0	U		NA	10.0	U		NA	10.0	U
Methane		NA	160			NA	1900			NA	19000	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA	50	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	50	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U		NA	50	U		NA	10	U		NA
1,4-Dichlorobenzene	10	U		NA	50	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	50	U	10	U	10	UJ	10	U
2,4,5-Trichlorophenol	25	U	25	U	120	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	50	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	50	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	50	U	10	U	10	UJ	10	U
2,4-Dinitrophenol		NA	25	U		R	25	U		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	50	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	50	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	50	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	50	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	50	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	50	U	10	U	10	UJ	10	U
2-Nitroaniline	25	U	25	U	120	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	50	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	UJ	50	UJ	10	UJ	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	120	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	120	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	50	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	50	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	50	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	50	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	50	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	120	U	25	UJ	25	U	25	U
4-Nitrophenol	25	U	25	U	120	U	25	U	25	U	25	UJ
Acenaphthene	10	U	10	U	50	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	50	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	50	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U		NA	10	UJ
Benzaldehyde		NA	10	UJ		NA	10	UJ		NA	10	U
Benzo(a)anthracene	10	U	10	U	50	U	10	U	10	U	10	UJ
Benzo(a)pyrene	10	U	10	U	50	U	10	U	10	U	10	UJ
Benzo(b)fluoranthene	10	U	10	U	50	U	10	U	10	U	10	UJ
Benzo(g,h,i)perylene	10	U	10	UJ	50	U	10	U	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	50	U	10	U	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	50	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	50	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	50	U	10	U	10	U	10	UJ
Butylbenzylphthalate	10	U	10	U	50	U	10	U	10	U	10	UJ
Caprolactam		NA	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U	50	U	10	U	10	U	10	U
Chrysene	10	U	10	U	50	U	10	U	10	U	10	UJ
Dibenzo(a,h)anthracene	10	U	10	U	50	U	10	U	10	U	10	UJ
Dibenzofuran	10	U	10	U	50	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	50	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	50	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	50	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	50	UJ	10	U	10	U	10	UJ
Fluoranthene	10	U	10	U	50	U	10	U	10	U	10	U
Fluorene	10	U	10	U	50	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	50	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	50	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	50	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	50	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	50	U	10	U	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	50	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	50	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	50	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	50	U	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U	50	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	UJ	120	U	25	U	25	UJ	25	UJ
Phenanthrene	10	U	10	U	50	U	10	U	10	U	10	U
Phenol	10	U	10	U	50	U	10	U	10	U	10	U
Pyrene	10	U	10	U	50	U	10	U	10	U	10	UJ
Total PAH	10	U		NA	50	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Benzo(a)pyrene		NA	0.20	UJ		NA	0.20	UJ		NA	0.20	UJ
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Chrysene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	UJ
Phenanthrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin		NA	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	2.3	U		NA	7.1	U		NA	3.1	U
1,2,3,4,6,7,8-HpCDF		NA	1.2	U		NA	7.6	U		NA	3.1	U
1,2,3,4,7,8,9-HpCDF		NA	1.7	U		NA	7.1	J		NA	3.2	UEMPC
1,2,3,4,7,8-HxCDD		NA	1.3	U		NA	6.8	J		NA	3.6	U
1,2,3,4,7,8-HxCDF		NA	0.80	U		NA	8.2	U		NA	3.3	U
1,2,3,6,7,8-HxCDD		NA	1.3	U		NA	7.4	U		NA	3.3	U
1,2,3,6,7,8-HxCDF		NA	0.70	U		NA	7.2	J		NA	2.9	U
1,2,3,7,8,9-HxCDD		NA	1.2	U		NA	8.2	U		NA	4.2	U
1,2,3,7,8,9-HxCDF		NA	1.0	U		NA	9.6	U		NA	4.2	U
1,2,3,7,8-PeCDD		NA	0.90	U		NA	8.6	J		NA	2.2	UEMPC
1,2,3,7,8-PeCDF		NA	0.50	U		NA	10.6	J		NA	3.1	U
2,3,4,6,7,8-HxCDF		NA	0.80	U		NA	6.6	U		NA	3.0	U
2,3,4,7,8-PeCDF		NA	0.50	U		NA	6.4	UEMPC		NA	2.2	U
2,3,7,8-TCDD		NA	0.80	U		NA	4.8	J		NA	0.80	U
2,3,7,8-TCDF		NA	0.70	U		NA	3.4	J		NA	0.60	U
OCDD		NA	4.3	U		NA	20.3	EMPC		NA	8.5	J
OCDF		NA	3.2	U		NA	14.0	J		NA	7.2	J
Total HpCDD		NA	2.3	UJ		NA	7.1	UJ		NA	3.1	UJ
Total HpCDF		NA	1.4	UJ		NA	14.7	UJ		NA	6.3	UEMPC
Total HxCDD		NA	1.3	UJ		NA	27.7	UEMPC		NA	11.1	UJ
Total HxCDF		NA	0.80	UJ		NA	31.6	UJ		NA	13.3	UJ
Total PeCDD		NA	0.90	UJ		NA	10.2	UEMPC		NA	2.2	UEMPC
Total PeCDF		NA	0.50	UJ		NA	17.0	UEMPC		NA	5.4	UJ
Total TCDD		NA	0.80	UJ		NA	5.7	UEMPC		NA	0.80	UJ
Total TCDF		NA	0.70	UJ		NA	6.1	UEMPC		NA	1.6	UEMPC
Toxicity Equivalency		NA	0.00	U		NA	16.0	J		NA	0.0016	J

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Sample Number	OU1-PC-05D-01-AVG		OU1-MW-PC05D-07		OU1-PC-05M-01		OU1-MW-PC05M-07		OU1-PC-05S-01		OU1-MW-PC05S-07	
Sample Location	MW-PC05D		MW-PC05D		MW-PC05M		MW-PC05M		MW-PC05S		MW-PC05S	
Date Sampled	12/5/1997		2/4/2003		12/4/1997		2/4/2003		12/4/1997		2/4/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 5		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	177.5	U	167	U	26.8	UJ	237	U	20.0	U	136	U
Antimony	50.0	U	2.3	U	50.0	U	2.3	U	50.0	U	2.3	U
Arsenic	2.2		18.9		39.8		44.7		1.0	UJ	4.8	U
Barium	36.2		76.5		48.3		78.3		552		1630	
Beryllium	1.0	U	0.11	UJ	1.0	U	0.13	UJ	1.0	U	0.10	UJ
Cadmium	2.0	U	0.30	U	2.0	U	0.30	U	2.0	U	0.30	U
Calcium	16700		29400		14300		25000		58200		101000	
Chromium	5.0	U	0.83	J	5.0	U	1.1	J	5.0	U	0.97	J
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	3.25		2.0		3.0	U	1.0	U	3.0	U	1.0	U
Copper	6.1		0.60	U	2.0	U	0.60	U	2.0	U	0.60	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron	1775		2910		24300		43300		26300		41300	
Lead	1.0	U	2.2	U	1.1	UJ	2.2	U	1.1	UJ	2.2	U
Magnesium	7980		15200		6550		12000		13400		47200	
Manganese	3115		5620		1500		2550		1340		1150	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	18.5		18.4		10.0	U	7.5		10.0	U	2.1	J
Potassium	3295		5320		4200		6750		4670		10700	
Selenium	1.0	U	4.8	U	1.0	UJ	4.8	U	1.0	UJ	4.8	U
Silver	3.0	U	0.67	J	3.0	U	1.0	J	3.0	U	0.60	U
Sodium	132000		240000		98600		123000		18700		42400	
Thallium	1.0	U	5.7	UJ	1.0	UJ	7.4	UJ	1.0	UJ	4.7	U
Vanadium	3.0	U	0.50	U	3.0	U	1.3		3.0	U	1.6	
Zinc	4.0	U	2.8		4.0	U	5.2		283		10.1	
Wet Chemistry Analysis												
Alkalinity	230		366		210		222		215		470	
Carbon Dioxide		NA	418			NA	323			NA	639	
Chloride	62.6		51.7		26.9		67.1		39.8		64.8	
Ferrous Iron		NA	2.57			NA	39.0			NA	3.1	
Nitrate		NA	0.050	U		NA	0.050	U		NA	0.050	U
Nitrate-Nitrite (as N)	0.515			NA	0.10	U		NA	0.10	U		NA
Nitrite-N		NA	0.050	U		NA	0.050	U		NA	0.050	U
Sulfate	66.55		144		44.2		64.9		5.0	U	5.0	U
Sulfide		NA	0.50	U		NA	0.50	U		NA	0.80	
Total Organic Carbon		NA	6.48	J		NA	10.1	J		NA	74.3	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA	1	U	1	U	5	U	5	U	10	U
1,1,1-Trichloroethane	770	*	7.8		28		82		120		290	
1,1,2,2-Tetrachloroethane	10	U	1	U	1	U	5	U	5	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	1	U	1	U	5	U	5	U	10	U
1,1,2-Trichloroethane	10	U	1	U	1	U	5	U	5	U	10	U
1,1-Dichloroethane	99		4.6		25		58		89		150	
1,1-Dichloroethene	260		6.2		23		57		110		210	
1,1-Dichloropropene		NA	1	U	1	U	5	U	5	U	10	U
1,2,3-Trichlorobenzene		NA	1	U	1	U	5	U	5	U	10	U
1,2,3-Trichloropropane		NA	1	U	1	U	5	U	5	U	10	U
1,2,4-Trichlorobenzene	10	UJ	1	U	1	U	5	U	5	U	10	U
1,2,4-Trimethylbenzene		NA	1	U	1	U	5	U	5	U	10	U
1,2-Dibromo-3-chloropropane	10	U	1	U	1	U	5	U	5	U	10	U
1,2-Dibromoethane	10	U	1	U	1	U	5	U	5	U	10	U
1,2-Dichlorobenzene	10	U	1	U	1	U	5	U	5	U	10	U
1,2-Dichloroethane	10	U	1	U	1	U	5	U	5	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	1	U	1	U	5	U	5	U	10	U
1,3,5-Trimethylbenzene		NA	1	U	1	U	5	U	5	U	10	U
1,3-Dichlorobenzene	10	U	1	U	1	U	5	U	5	U	10	U
1,3-Dichloropropane		NA	1	U	1	U	5	U	5	U	10	U
1,4-Dichlorobenzene	10	U	1	U	1	U	5	U	5	U	10	U
1,4-Dioxane	120	J		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA	1	U	1	U	5	U	5	U	10	U
2-Butanone	10	U	4	U	4	U	20	U	20	U	40	U
2-Chloroethylvinylether		NA	3	U	3	U	15	U	15	U	30	U
2-Chlorotoluene		NA	1	U	1	U	5	U	5	U	10	U
2-Hexanone	10	UJ	0.6	U	0.6	U	3	U	3	U	6	U
4-Chlorotoluene		NA	1	U	1	U	5	U	5	U	10	U
4-Methyl-2-Pentanone	10	U	0.5	U	0.5	U	2.5	U	2.5	U	5	U
Acetone	10	U	5.2		3		10	U	10	U	20	U
Acrolein		NA	10	U	10	U	50	U	50	U	100	U
Acrylonitrile		NA	5	U	5	U	25	U	25	U	50	U
Benzene	10	U	1	U	1	U	5	U	5	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA	1	U	1	U	5	U	5	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA	1	U	1	U	5	U	5	U	10	U
Bromodichloromethane	10	U	1	U	1	U	5	U	5	U	10	U
Bromoform	10	U	1	U	1	U	5	U	5	U	10	U
Bromomethane	10	U	1	U	1	U	3.2	L	2.7	L	10	U
Carbon Disulfide	10	U	3	U	3	U	15	U	15	U	30	U
Carbon Tetrachloride	10	U	1	U	1	U	5	U	5	U	10	U
Chlorobenzene	35		1	U	1	U	5	U	5	U	10	U
Chloroethane	4	J	1	U	1	U	5	U	5	U	10	U
Chloroform	4	J	1	U	0.93	L	5	U	5	U	10	U
Chloromethane	10	U	1	U	0.64	L	5	U	5	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	6	J	2.2		9.6		25		60		64	
cis-1,3-Dichloropropene	10	U	1	U	1	U	5	U	5	U	10	U
Cyclohexane	10	U		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	1	U	1	U	5	U	5	U	10	U
Dibromomethane		NA	1	U	1	U	5	U	5	U	10	U
Dichlorodifluoromethane	10	U	1	U	1	U	5	U	5	U	10	U
Ethyl Ether		NA	3	U	3	U	15	U	15	U	30	U
Ethylbenzene	10	U	1	U	1	U	5	U	5	U	10	U
Hexachlorobutadiene		NA	1	U	1	U	5	U	5	U	10	U
Isopropylbenzene	10	U	1	U	1	U	5	U	5	U	10	U
m&p-Xylene		NA	2	U	2	U	10	U	10	U	20	U
Methyl Acetate	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	1.2		4.6		4.3	L	73		10	U
Methylcyclohexane	10	U		NA		NA		NA		NA		NA
Methylene Chloride	74		1	U	1	U	5	U	5	U	10	U
Naphthalene		NA	1	U	1	U	5	U	5	U	10	U
n-Butylbenzene		NA	1	U	1	U	5	U	5	U	10	U
n-Propylbenzene		NA	1	U	1	U	5	U	5	U	10	U
o-Xylene		NA	1	U	1	U	5	U	5	U	10	U
p-Isopropyltoluene		NA	1	U	1	U	5	U	5	U	10	U
sec-Butylbenzene		NA	1	U	1	U	5	U	5	U	10	U
Styrene	10	U	1	U	1	U	5	U	5	U	10	U
tert-Butylbenzene		NA	1	U	1	U	5	U	5	U	10	U
Tetrachloroethene	11		1	U	1	U	5	U	5	U	10	U
Tetrahydrofuran		NA	7	U	7	U	35	U	35	U	70	U
Toluene	31		1	U	1	U	5	U	5	U	12	
Total Xylenes	3	J		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	1	U	1	U	5	U	5	U	10	U
trans-1,3-Dichloropropene	10	U	1	U	1	U	5	U	5	U	10	U

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Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	540	*	8.9		17		110		72		98	
Trichlorofluoromethane	10	UJ	1	U	1	U	5	U	5	U	10	U
Vinyl Acetate		NA	6	U	6	U	30	U	30	U	60	U
Vinyl Chloride	1	U	1	U	1	U	5	U	5	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

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Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	7.7		28		119		72		406	
1,1-Dichloroethene		NA	4.1		16		66		59		281	
Benzene		NA	0.5	U	0.5	U	13	U	14	U	15	U
Chlorobenzene		NA	2	U	2	U	52	U	56	U	60	U
cis-1,2-Dichloroethene		NA	2.2		7.8		29		30		88	
Tetrachloroethene		NA	0.5	U	0.5	U	13	U	14	U	15	U
Toluene		NA	1	U	1	U	26	U	28	U	30	U
Trichloroethene		NA	8.9		16		125		33		119	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dimethylphenol	10	U		NA		NA		NA		NA		NA
2,4-Dinitrophenol	88	*		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2-Chloronaphthalene	10	U		NA		NA		NA		NA		NA
2-Chlorophenol	10	U		NA		NA		NA		NA		NA
2-Methylnaphthalene	10	U		NA		NA		NA		NA		NA
2-Methylphenol	10	U		NA		NA		NA		NA		NA
2-Nitroaniline	25	U		NA		NA		NA		NA		NA
2-Nitrophenol	17			NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA		NA

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Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	44			NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA		NA
4-Chloroaniline	10	UJ		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Methylphenol	29	J		NA		NA		NA		NA		NA
4-Nitroaniline	25	U		NA		NA		NA		NA		NA
4-Nitrophenol	83	*		NA		NA		NA		NA		NA
Acenaphthene	10	U		NA		NA		NA		NA		NA
Acenaphthylene	10	U		NA		NA		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA
Anthracene	10	U		NA		NA		NA		NA		NA
Atrazine	10	U		NA		NA		NA		NA		NA
Benzaldehyde	2	J		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	10	UJ		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	10	UJ		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	UJ		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	10	UJ		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA		NA
Butylbenzylphthalate	10	U		NA		NA		NA		NA		NA
Caprolactam	10	U		NA		NA		NA		NA		NA
Carbazole	10	U		NA		NA		NA		NA		NA
Chrysene	10	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	UJ		NA		NA		NA		NA		NA
Dibenzofuran	10	U		NA		NA		NA		NA		NA
Diethylphthalate	10	U		NA		NA		NA		NA		NA
Dimethylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-Butylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-octylphthalate	10	UJ		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA		NA		NA		NA		NA
Fluorene	10	U		NA		NA		NA		NA		NA
Hexachlorobenzene	10	U		NA		NA		NA		NA		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA		NA
Hexachloroethane	10	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	UJ		NA		NA		NA		NA		NA

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Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA		NA		NA		NA		NA
Naphthalene	2	J		NA		NA		NA		NA		NA
Nitrobenzene	10	U		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA		NA
Pentachlorophenol	25	U		NA		NA		NA		NA		NA
Phenanthrene	10	U		NA		NA		NA		NA		NA
Phenol	39	J		NA		NA		NA		NA		NA
Pyrene	10	U		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	UJ		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	UJ		NA		NA		NA		NA		NA
4,4'-DDE	0.10	UJ		NA		NA		NA		NA		NA
4,4'-DDT	0.10	UJ		NA		NA		NA		NA		NA
Aldrin	0.050	UJ		NA		NA		NA		NA		NA
alpha-BHC	0.050	UJ		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	UJ		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	UJ		NA		NA		NA		NA		NA
delta-BHC	0.050	UJ		NA		NA		NA		NA		NA
Dieldrin	0.050	UJ		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	UJ		NA		NA		NA		NA		NA
Endosulfan II	0.10	UJ		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	UJ		NA		NA		NA		NA		NA
Endrin	0.050	UJ		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	UJ		NA		NA		NA		NA		NA
Endrin Ketone	0.10	UJ		NA		NA		NA		NA		NA
gamma-BHC	0.050	UJ		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	UJ		NA		NA		NA		NA		NA
Heptachlor	0.020	UJ		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	UJ		NA		NA		NA		NA		NA
Methoxychlor	0.50	UJ		NA		NA		NA		NA		NA
Toxaphene	5.0	UJ		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-RW5-07		RM-GW06-0018		RM-GW06-0022		RM-GW06-0033		RM-GW06-0043		RM-GW06-0050	
Sample Location	RW5		6		6		6		6		6	
Date Sampled	1/24/2003		2/20/2002		2/20/2002		2/20/2002		2/20/2002		2/20/2002	
Interval	0.0-0.0		0.0-18.0		0.0-22.0		0.0-33.0		0.0-43.0		0.0-50.0	
QC Identifier	None		None		None		None		None		None	
Zone	Recovery Well		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	10200	J		NA		NA		NA		NA		NA
Antimony	1.8	UJ		NA		NA		NA		NA		NA
Arsenic	5.5	J		NA		NA		NA		NA		NA
Barium	31.3	J		NA		NA		NA		NA		NA
Beryllium	2.0	UJ		NA		NA		NA		NA		NA
Cadmium	0.49	UJ		NA		NA		NA		NA		NA
Calcium	32600	J		NA		NA		NA		NA		NA
Chromium	18.7	J		NA		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	32.4	J		NA		NA		NA		NA		NA
Copper	343	J		NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	14000	J		NA		NA		NA		NA		NA
Lead	2.6	UJ		NA		NA		NA		NA		NA
Magnesium	17600	J		NA		NA		NA		NA		NA
Manganese	6300	J		NA		NA		NA		NA		NA
Mercury	0.15	J		NA		NA		NA		NA		NA
Nickel	198	J		NA		NA		NA		NA		NA
Potassium	22100			NA		NA		NA		NA		NA
Selenium	2.6	UJ		NA		NA		NA		NA		NA
Silver	0.80	UJ		NA		NA		NA		NA		NA
Sodium	159000	J		NA		NA		NA		NA		NA
Thallium	6.8	J		NA		NA		NA		NA		NA
Vanadium	5.0	UJ		NA		NA		NA		NA		NA
Zinc	207	J		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	500	U	10	U	1000	UJ	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	500	U	10	U	1000	UJ	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U	10	U	10	U
1,1,2-Trichloroethane	500	U	10	U	1000	UJ	10	U	10	U	10	U
1,1-Dichloroethane	500	U	10	U	1000	U	2		1	J	2	J
1,1-Dichloroethene	500	U	0.9	U	1000	U	0.9	U	0.9	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	UJ	10	UJ	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U	10	U	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichloroethane	500	U	10	U	1000	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	500	U		NA	1000	U		NA		NA		NA
1,2-Dichloropropane	500	U	10	U	1000	U	8		10		10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,4-Dioxane		NA	1200	J		NA		NA	100	UJ	100	UJ
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	500	U	10	U	1000	UJ	10	UJ	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	500	U	10	U	1000	UJ	10	UJ	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	500	U	10	UJ	1000	UJ	10	U	10	U	10	UJ
Acetone	500	U	10	U	1000	UJ	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	4000		540	*	6900		4600		4500	*	4800	*
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	500	U	10	U	1000	U	10	U	10	U	10	U
Bromoform	500	U	10	U	1000	UJ	10	U	10	U	10	U
Bromomethane	500	U	10	U	1000	U	10	U	10	U	10	U
Carbon Disulfide	500	U	10	U	1000	U	10	U	10	U	10	U
Carbon Tetrachloride	500	U	10	U	1000	UJ	10	U	10	U	10	U
Chlorobenzene	500	U	2	J	1000	U	10	U	10	U	10	U
Chloroethane	500	U	360		1000	U	10	U	10	U	10	U
Chloroform	500	U	10	U	1000	U	10	U	10	U	10	U
Chloromethane	500	U	10	U	1000	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U	10	U
cis-1,3-Dichloropropene	500	U	10	U	1000	U	10	U	10	U	10	U
Cyclohexane		NA	17			NA	180		200		170	
Dibromochloromethane	500	U	10	U	1000	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	U	10	U	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	500	U	2	J	1000	U	10		7	J	12	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	15			NA	2		1	J	3	J
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U	10	U	10	U
Methyl tert-Butyl Ether		NA	10	U		NA	10	UJ	10	UJ	10	U
Methylcyclohexane		NA	45			NA	670		670	*	670	*
Methylene Chloride	500	U	10	UJ	1000	U	10	U	10	U	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA	10	U		R	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	500	U	10	U	1000	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	500	U	10	U	1000	U	63		53	J	73	J
Total Xylenes	500	U	2	J	1000	U	8		4	J	11	
trans-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U	10	U
trans-1,3-Dichloropropene	500	U	10	U	1000	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	500	U	10	U	1000	U	10	U	10	U	10	U
Trichlorofluoromethane		NA	10	U		NA	10	U	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	500	U	1	U	1000	U	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA	76.0			NA	10.0	U	10.0	U	10.0	U
Ethene		NA	10.0	U		NA	10.0	U	10.0	U	10.0	U
Methane		NA	20000			NA	16000		16000		16000	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	UJ		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	UJ	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	UJ	25	UJ	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	2.5		10	U	27		2		1	J	2	J
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	16		17		14	
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	UJ	25	UJ	25	UJ
Acenaphthene	10	U	10	U	2	J	2		2	J	2	J
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	UJ		NA	10	UJ	10	UJ	10	UJ
Benzaldehyde		NA	10	UJ		NA	10	U	10	U	10	U
Benzo(a)anthracene	10	U	10	UJ	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Benzo(b)fluoranthene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Benzo(k)fluoranthene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	UJ	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	UJ	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Dibenzofuran	10	U	10	U	3	J	2		2	J	2	J
Diethylphthalate	10	U	10	U	10	U	2		2	J	2	J
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	2	J	2		2	J	2	J
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA	10	UJ		R	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	2		1	J	8	J	5		5	J	5	J
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	11		5		10	U	5	J
Pentachlorophenol	25	U	25	U	25	U	25	UJ	25	UJ	25	UJ
Phenanthrene	1		10	U	3	J	1		1	J	1	J
Phenol	10	U	2	J	10	U	50		49		51	
Pyrene	10	U	10	UJ	10	U	10	U	10	U	10	U
Total PAH	3			NA	15			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene		NA	0.20	UJ		NA	0.20	UJ	0.20	UJ	0.20	UJ
Benzo(b)fluoranthene		NA	0.32			NA	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Chrysene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Phenanthrene		NA	0.20	U		NA	1.3		1.3		1.3	
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Aldrin		NA	0.050	U		R	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	UJ	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	UJ	0.25	U	0.25	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	UJ	0.25	U	0.25	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	UJ	0.059		0.065		0.052	
Dieldrin	0.10	U	0.050	U	0.10	UJ	0.050	U	0.050	U	0.050	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA	0.050	U		R	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	UJ	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Heptachlor		NA	0.020	U		R	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	UJ	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	UJ	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	2.8	U		NA	1.4	U	1.4	U	1.9	U
1,2,3,4,6,7,8-HpCDF		NA	1.5	U		NA	0.70	U	0.70	U	1.0	U
1,2,3,4,7,8,9-HpCDF		NA	1.8	U		NA	0.90	U	0.90	U	1.3	U
1,2,3,4,7,8-HxCDD		NA	1.6	U		NA	0.80	U	0.80	U	1.1	U
1,2,3,4,7,8-HxCDF		NA	2.6	U		NA	0.50	U	0.50	U	0.70	U
1,2,3,6,7,8-HxCDD		NA	1.6	U		NA	0.80	U	0.80	U	1.0	U
1,2,3,6,7,8-HxCDF		NA	1.6	UEMPC		NA	0.57		0.50	U	1.6	U
1,2,3,7,8,9-HxCDD		NA	1.6	U		NA	0.80	U	0.80	U	1.0	U
1,2,3,7,8,9-HxCDF		NA	1.4	U		NA	0.60	U	0.60	U	0.90	U
1,2,3,7,8-PeCDD		NA	3.2	UEMPC		NA	0.80	U	0.80	U	1.1	U
1,2,3,7,8-PeCDF		NA	2.7	UEMPC		NA	0.50	U	0.50	U	0.70	U
2,3,4,6,7,8-HxCDF		NA	1.1	U		NA	0.50	U	0.50	U	0.70	U
2,3,4,7,8-PeCDF		NA	1.0	U		NA	0.50	U	0.50	U	0.70	U
2,3,7,8-TCDD		NA	1.5	U		NA	0.70	U	0.70	U	0.90	U
2,3,7,8-TCDF		NA	1.2	U		NA	0.60	U	0.60	U	0.80	U
OCDD		NA	4.1	U		NA	6.1		13.1	UEMPC	8.8	UEMPC
OCDF		NA	3.0	U		NA	1.8	U	1.8	U	2.4	U
Total HpCDD		NA	2.8	UJ		NA	1.4	UJ	1.4	UJ	1.9	UJ
Total HpCDF		NA	1.6	UJ		NA	0.80	UJ	0.80	UJ	1.1	UJ
Total HxCDD		NA	1.6	UJ		NA	0.80	UJ	0.80	UJ	1.0	UJ
Total HxCDF		NA	4.2	UEMPC		NA	0.57		0.50	UJ	1.6	UJ
Total PeCDD		NA	3.2	UEMPC		NA	0.80	UJ	0.80	UJ	1.1	UJ
Total PeCDF		NA	2.7	UEMPC		NA	0.50	UJ	0.50	UJ	0.70	UJ
Total TCDD		NA	1.5	UJ		NA	0.70	UJ	0.70	UJ	0.90	UJ
Total TCDF		NA	1.2	UJ		NA	0.60	UJ	0.60	UJ	0.80	UJ
Toxicity Equivalency		NA	0.00	U		NA	0.00	U	0.00	U	0.00	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-CRA-6D-01-AVG		OU2-MW-CRA6D-07		SP-CRA-6S-01		OU2-MW-CRA6S-07-AVG		OU2-MW-CRA6S-07		OU2-MW-DUP24-07	
Sample Location	CRA-6D		CRA-6D		CRA-6S		CRA-6S		CRA-6S		CRA-6S	
Date Sampled	12/2/1997		1/28/2003		12/2/1997		1/28/2003		1/28/2003		1/28/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 8		None		None		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07		Field Dup. OU2-MW-CRA6S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	260.25		84.4	U	2510	J	22.3	U	22.3	U	20.9	U
Antimony	4.0	U	7.8	U	5.3		3.5	U	3.5	U	3.5	U
Arsenic	27.95		29.0		36.6		21.5		21.1		21.9	
Barium	169.5		107		68.1		56.7	U	56.7	U	53.9	U
Beryllium	1.0	U	0.28	U	1.0	U	0.25	U	0.25	U	0.28	U
Cadmium	1.0	U	0.50	U	1.0	U	0.50	U	0.50	U	0.50	U
Calcium	41250		24200		75600		81200		82800		79600	
Chromium	2.2	U	0.80	J	14.2	J	2.4		1.1		3.6	
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	1.7		0.70	U	4.1		0.70	U	0.70	U	0.70	U
Copper	23.55	U	0.80	U	31.2	U	0.80	U	0.80	U	0.80	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron	35100		19300		66100	J	46000		45700		46200	
Lead	3.0	U	1.5	U	9.0		1.8	UJ	1.8	UJ	2.5	UJ
Magnesium	8780		6510		10700		6940		7200		6670	
Manganese	1220		658		1250		1700		1720		1690	
Mercury	0.20	U	0.10	U	0.20	U	0.10	U	0.10	U	0.10	U
Nickel	3.8	U	1.7	U	11.6		1.3		1.7	U	1.7	J
Potassium	21900		12500	J	14800		10900		11100	J	10700	J
Selenium	3.0	U	3.5	UJ	3.0	U	3.7	UJ	3.7	UJ	3.0	UJ
Silver	4.75	U	0.80	UJ	7.4	U	0.80	UJ	0.80	UJ	0.80	UJ
Sodium	823500		530000	J	111000		42000		42700	J	41200	J
Thallium	6.0	U	4.0	U	6.0	U	4.0	U	4.0	U	4.7	UJ
Vanadium	4.25		2.9	U	6.9		0.89	UJ	0.89	UJ	1.0	UJ
Zinc	15.9	U	9.4	U	64.6	J	4.5	U	4.5	U	4.6	U
Wet Chemistry Analysis												
Alkalinity	943.5		584		340		341		320		362	
Carbon Dioxide		NA	630			NA	446		435		456	
Chloride	688.5		282		94.1		21.6		21.3		21.9	
Ferrous Iron		NA	2.41			NA	20.8		38.8	J	2.7	J
Nitrate		NA	0.050	UJ		NA	0.050	U	0.050	U	0.050	UJ
Nitrate-Nitrite (as N)	0.10	U		NA	0.10	U		NA		NA		NA
Nitrite-N		NA	1.61	J		NA	0.050	U	0.050	U	0.050	UJ
Sulfate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Sulfide		NA	0.88			NA	0.76		0.80		0.72	
Total Organic Carbon		NA	172			NA	63.5		70.9		56.1	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	24		92		1	U	7		2		10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	1	U		NA		NA		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	10	UJ
1,1,2-Trichloroethane	10	U	1	U		NA		NA		NA	10	U	10	U
1,1-Dichloroethane	30		71		1	U	5		5		10	U	3	J
1,1-Dichloroethene	8	J	2			NA		NA		NA	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA	1	U		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U	1	U		NA		NA		NA	10	U	10	U
1,2-Dichloroethene (total)	20			NA		NA		NA		NA	10	U		NA
1,2-Dichloropropane	10	U	1	U		NA		NA		NA	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	1	U		NA		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	1	U		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA	100	UJ
1-Chlorohexane		NA	1	U		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone	2	J		NA		NA		NA		NA	10	U	10	U
2-Chloroethylvinylether		NA	10	U		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone	10	UJ		NA		NA		NA		NA	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	UJ		NA		NA		NA		NA	10	U	10	U
Acetone	18	UJ		NA		NA		NA		NA	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene	10	U	1	U		NA		NA		NA	10	U	10	U
Benzyl Chloride		NA	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA	10	U		NA		NA		NA		NA		NA
Bromobenzene		NA	1	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	1	U		NA		NA		NA	10	U	10	U
Bromoform	10	U	1	U		NA		NA		NA	10	U	10	U
Bromomethane	10	U	10	U		NA		NA		NA	10	U	10	U
Carbon Disulfide	10	U		NA		NA		NA		NA	10	U	10	U
Carbon Tetrachloride	10	U	1	U		NA		NA		NA	10	U	10	U
Chlorobenzene	10	U	1	U		NA		NA		NA	10	U	10	U
Chloroethane	1	J	10	U		NA		NA		NA	10	U	10	U
Chloroform	10	U	1	U	1	U	11		2		10	U	10	U
Chloromethane	10	U	10	U		NA		NA		NA	10	U	10	U
Chlorotoluene		NA	1	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	10	U	1	U		NA		NA		NA	10	U	10	U
Cyclohexane		NA		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U	1	U		NA		NA		NA	10	U	10	U
Dibromomethane		NA	1	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	1	U	1	U	1	U	1	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA	10	U
m&p-Xylene		NA	1	U		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	2	J
Methylcyclohexane		NA		NA		NA		NA		NA		NA	10	U
Methylene Chloride	10	U	1	U		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA	1	U		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA		NA		NA		NA	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	1	U	1	U	1	U	1	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene	10	U	1	U	1	U	1		1	U	7	J	10	U
Total Xylenes	10	U		NA	1	U	1	U	1	U	10	U	10	U
trans-1,2-Dichloroethene		NA	1	U	1	U	1		1			NA	10	U
trans-1,3-Dichloropropene	10	U	1	U		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	6	J	1		2		11		13		10	U	1	J
Trichlorofluoromethane		NA	1	U		NA		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	6	J	10	U		NA		NA		NA	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA	10	U		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol	10	U		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol	10	U		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol	25	U		NA		NA		NA		NA	25	UJ	25	U
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene	10	U		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol	10	U		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene	10	U		NA		NA		NA		NA	10	U	10	U
2-Methylphenol	10	U		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline	25	U		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol	10	U		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	UJ		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline	10	UJ		NA		NA		NA		NA	10	U	10	U
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA	10	U	10	U
4-Methylphenol	10	U		NA		NA		NA		NA	10	U	10	U
4-Nitroaniline	25	UJ		NA		NA		NA		NA	25	U	25	UJ
4-Nitrophenol	25	U		NA		NA		NA		NA	25	U	25	U
Acenaphthene	10	U		NA		NA		NA		NA	10	U	10	U
Acenaphthylene	10	U		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA		NA	10	U
Anthracene	10	U		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene	10	U		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene	10	U		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene	10	U		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene	10	U		NA		NA		NA		NA	10	U	10	U
Benzo(k)fluoranthene	10	U		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate	10	U		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA		NA	10	U
Carbazole	10	UJ		NA		NA		NA		NA	10	U	10	U
Chrysene	10	U		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene	10	U		NA		NA		NA		NA	10	U	10	U
Dibenzofuran	10	U		NA		NA		NA		NA	10	U	10	U
Diethylphthalate	10	U		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate	10	U		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate	10	U		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate	10	U		NA		NA		NA		NA	10	U	10	U
Fluoranthene	10	U		NA		NA		NA		NA	10	U	10	U
Fluorene	10	U		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene	10	U		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene	10	U		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA	10	U	10	U
Hexachloroethane	10	U		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA		NA		NA		NA	10	U	10	U
Naphthalene	10	U		NA		NA		NA		NA	10	U	10	U
Nitrobenzene	10	U		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine	10	U		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol	25	U		NA		NA		NA		NA	25	U	25	U
Phenanthrene	10	U		NA		NA		NA		NA	10	U	10	U
Phenol	10	U		NA		NA		NA		NA	10	U	10	U
Pyrene	10	U		NA		NA		NA		NA	10	U	10	U
Total PAH	10	U		NA		NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD		NA		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDT		NA		NA		NA		NA		NA	0.10	U	0.10	U
Aldrin		NA		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA		NA	0.050	U	0.050	U
alpha-Chlordane		NA		NA		NA		NA		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA	1.1	U		NA
Aroclor-1016		NA		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA		NA	2.0	U	0.25	U
Aroclor-1232		NA		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1260		NA		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1262		NA		NA		NA		NA		NA	1.0	UJ	0.28	U
Aroclor-1268		NA		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA		NA	0.050	U	0.050	U
delta-BHC		NA		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA		NA	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA	0.050	U	0.050	U
Endosulfan II		NA		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA		NA	0.10	U	0.050	U
Endrin Aldehyde		NA		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA		NA	0.050	U	0.050	U
gamma-Chlordane		NA		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA		NA	0.050	U	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA		NA	0.050	U	0.020	U
Methoxychlor		NA		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-06		MW-6-112090		MW-6-021892		MW-6-051892		MW-6-081892		CP-MW-6-01		OU2-MW-6-07	
Sample Location	GW-06		MW-6		MW-6		MW-6		MW-6		MW-6		MW-6	
Date Sampled	3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992		11/18/1997		12/20/2002	
Interval	0.0-0.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA	230	UJ	125	U
Antimony		NA		NA		NA		NA		NA	4.0	U	1.2	J
Arsenic		NA		NA		NA		NA		NA	6.5		8.5	
Barium		NA	500	U	500	U	500	U	500	U	27.8		15.3	
Beryllium		NA		NA		NA		NA		NA	1.0	U	0.20	U
Cadmium		NA	10.0		20.0		2600		780		66.2		44.4	
Calcium		NA		NA		NA		NA		NA	39400		33300	
Chromium		NA	50.0		50.0	U	50.0	U	50.0	U	14.0		3.5	
Chromium VI		NA	50.0	U	50.0	U	50.0	U	50.0	U		NA		NA
Cobalt		NA		NA		NA		NA		NA	4.8		3.5	
Copper		NA	40.0		10.0		10.0	U	10.0	U	128	U	48.4	
Cyanide		NA	1600		860		450		370			NA		NA
Iron		NA	6450		44000		100000		104000		28700		26800	
Lead		NA	50.0	U	50.0	U	50.0	U	50.0	U	3.0	UJ	1.2	U
Magnesium		NA		NA		NA		NA		NA	3970		3090	
Manganese		NA		NA		NA		NA		NA	607		552	
Mercury		NA		NA		NA		NA		NA	0.20	UJ	0.10	U
Nickel		NA	1130		11800		108000		82000		2780	J	1660	
Potassium		NA		NA		NA		NA		NA	19500		6740	J
Selenium		NA		NA		NA		NA		NA	3.0	U	3.0	UJ
Silver		NA		NA		NA		NA		NA	1.0	U	0.80	U
Sodium		NA		NA		NA		NA		NA	29900		11900	
Thallium		NA		NA		NA		NA		NA	6.0	U	2.4	UJ
Vanadium		NA		NA		NA		NA		NA	2.7		0.79	J
Zinc		NA	210		7600		46000		5000		1760	J	977	
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA	161			NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride		NA	1.0		170		210		380		10.4			NA
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	0.10	U		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA	5.0	U		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10	U	14.5		6	J	10	U	10	UJ	10
1,1,2,2-Tetrachloroethane	10	U	30	U	10	UJ	10	U	10	UJ	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	UJ		NA	10	UJ	
1,1,2-Trichloroethane	10	U	30	U	10	UJ	10	U	10	UJ	10
1,1-Dichloroethane	10	U	41		120	J	10	U	10	UJ	12
1,1-Dichloroethene	0.9	U	32		110	J	10	UJ	0.9	UJ	10
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U		NA	10	UJ		NA	10	UJ	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	10	U		NA	10	UJ		NA	10	UJ	
1,2-Dibromoethane	10	U		NA	10	UJ		NA	10	UJ	
1,2-Dichlorobenzene	10	U		NA	10	UJ		NA	10	UJ	
1,2-Dichloroethane	10	U	30	U	10	UJ	8	J	4	J	10
1,2-Dichloroethene (total)		NA	15			NA	2	J		NA	4
1,2-Dichloropropane	10	U	30	U	10	UJ	10	U	10	UJ	10
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	10	U		NA	10	UJ		NA	10	UJ	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	10	U		NA	10	UJ		NA	10	UJ	
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ	
1-Chlorohexane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	10	U	30	U	10	UJ	10	U	10	UJ	10
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	10	U	30	U	10	UJ	10	U	10	UJ	10
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	10	UJ	30	U	10	UJ	10	U	10	UJ	10
Acetone	10	U	31	U	10	UJ	10	UJ	10	UJ	10
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	35		30	U	10	UJ	10	U	10	UJ	10
Benzyl Chloride		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	10	U	30	U	10	UJ	10	U	10	UJ	10
Bromoform	10	U	30	U	10	UJ	10	U	10	UJ	10
Bromomethane	10	U	30	U	10	UJ	10	U	10	UJ	10
Carbon Disulfide	10	U	30	U	10	UJ	10	U	10	UJ	10
Carbon Tetrachloride	10	U	30	U	10	UJ	10	U	10	UJ	10
Chlorobenzene	10	U	33		9	J	28		16	J	10
Chloroethane	10	U	30	U	10	UJ	10	U	10	UJ	10
Chloroform	10	U	30	U	10	UJ	10	U	10	UJ	10
Chloromethane	10	U	30	U	10	UJ	10	U	10	UJ	10
Chlorotoluene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	10	U		NA	15	J		NA	10	UJ	
cis-1,3-Dichloropropene	10	U	30	U	10	UJ	10	U	10	UJ	10
Cyclohexane	2	J		NA	10	UJ		NA	10	UJ	
Dibromochloromethane	10	U	30	U	10	UJ	10	U	10	UJ	10
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	UJ	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	11		30	U	10	UJ	10	U	10	UJ	10
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene	39			NA	10	UJ		NA	10	UJ	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate	10	U		NA	10	UJ		NA	10	UJ	
Methyl tert-Butyl Ether	4	J		NA	5	J		NA	10	UJ	
Methylcyclohexane	4	J		NA	10	UJ		NA	10	UJ	
Methylene Chloride	10	UJ	30	U	10	UJ	10	UJ	10	UJ	10
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	10	U	30	U	10	UJ	10	U	10	UJ	10
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	10	U	30	U	10	UJ	10	U	10	UJ	10
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	3	J	30	U	1	J	10	U	10	UJ	10
Total Xylenes	320		30	U	1	J	10	U	10	UJ	10
trans-1,2-Dichloroethene	10	U		NA	10	UJ		NA	10	UJ	
trans-1,3-Dichloropropene	10	U	30	U	10	UJ	10	U	10	UJ	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Trichloroethene	10	U	535		850	*J	1	J	10	UJ	2
Trichlorofluoromethane	10	U		NA	10	UJ		NA	10	UJ	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	1	U	30	U	1	J	1	J	1	UJ	2
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U	
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	700	*	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	25	UJ		NA	25	U	25	U	25	U	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	5	J	10	U	10	U	10	U	10	U	10
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U	25
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10
Acetophenone	10	U		NA	10	U		NA	10	U	
Anthracene	10	U	10	U	10	U	10	U	10	U	10
Atrazine	10	U		NA	10	U		NA	10	U	
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	UJ	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10
Benzo(a)pyrene	10	UJ	10	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	UJ	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	UJ	10	U	10
Benzo(k)fluoranthene	10	UJ	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	UJ	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U	10	UJ	10	U	10
Caprolactam	10	UJ		NA	10	U		NA	10	U	
Carbazole	10	U	10	U	10	U	10	U	10	U	10
Chrysene	10	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	10	UJ	10	U	10	U	10	U	10	U	10
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-octylphthalate	10	UJ	10	U	10	U	10	UJ	10	U	10
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Fluorene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	10	U	10	U	10	U	10	UJ	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U	10	UJ	10	U	10
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Isophorone	10	U	10	U	10	U	10	U	10	U	10
Naphthalene	24	J	10	U	10	U	10	U	10	U	10
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	25	UJ	25	U	25	U	25	U	25	U	25
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10
Phenol	10	U	12.5		1	J	10	U	10	U	10
Pyrene	10	U	10	U	10	U	10	U	10	U	10
Total PAH		NA	10	U		NA	10	U		NA	10
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U	
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U	
Benzo(a)pyrene	0.20	UJ		NA	0.20	U		NA	0.20	U	
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U	
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U	
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U	
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.14		0.10	U	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDE	0.25			NA	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
alpha-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	UJ	0.28	U	1.0
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
Dieldrin	0.050	U		NA	0.050	U	0.10	U	0.050	U	0.10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Endosulfan I	0.11		0.050	U	0.050	U	0.050	U	0.050	U	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
gamma-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050
gamma-Chlordane	0.073		0.050	U	0.050	U	0.050	U	0.050	U	0.050
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA	2.9	U		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA	1.7	U		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA	2.0	U		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA	1.6	U		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA	1.0	U		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA	1.7	U		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA	1.0	U		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA	1.6	U		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA	1.3	U		NA		NA	
1,2,3,7,8-PeCDD		NA		NA	1.3	U		NA		NA	
1,2,3,7,8-PeCDF		NA		NA	0.90	U		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA	1.2	U		NA		NA	
2,3,4,7,8-PeCDF		NA		NA	0.90	U		NA		NA	
2,3,7,8-TCDD		NA		NA	1.5	U		NA		NA	
2,3,7,8-TCDF		NA		NA	1.2	U		NA		NA	
OCDD		NA		NA	9.4	U		NA		NA	
OCDF		NA		NA	3.3	U		NA		NA	
Total HpCDD		NA		NA	2.9	UJ		NA		NA	
Total HpCDF		NA		NA	1.8	UJ		NA		NA	
Total HxCDD		NA		NA	1.6	UJ		NA		NA	
Total HxCDF		NA		NA	1.1	UJ		NA		NA	
Total PeCDD		NA		NA	1.3	UJ		NA		NA	
Total PeCDF		NA		NA	0.90	UJ		NA		NA	
Total TCDD		NA		NA	1.5	UJ		NA		NA	
Total TCDF		NA		NA	1.2	UJ		NA		NA	
Toxicity Equivalency		NA		NA	0.00	U		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU4-MW-6-07		OU1-PC-06B-01-AVG		OU1-MW-PC06B-07		OU1-PC-06D-01		OU1-MW-PC06D-07		OU1-PC-06M-01
Sample Location	MW-6		MW-PC06B		MW-PC06B		MW-PC06D		MW-PC06D		MW-PC06M
Date Sampled	2/6/2003		12/8/1997		1/20/2003		12/1/1997		1/20/2003		12/1/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. 6		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)											
Aluminum	232	U	12115		923		32.0	UJ	29.5	UJ	65.7
Antimony	2.3	U	50.0	U	1.8	U	50.0	U	1.8	UJ	50.0
Arsenic	5.5	J	9.45		4.1	J	1.2	UJ	3.6	UJ	4.9
Barium	4570		39.6		8.1		33.1		47.5	J	25.4
Beryllium	0.10	U	1.0	U	0.20	U	1.0	U	0.20	UJ	1.0
Cadmium	0.30	U	2.0	U	0.30	U	2.0	U	0.33	UJ	2.0
Calcium	87700		22450		15500		44700		39000	J	17500
Chromium	19.5		47.7		0.70	U	5.0	U	1.3	UJ	5.0
Chromium VI		NA		NA		NA		NA		NA	
Cobalt	1.0	U	11.35		0.93	J	18.8		8.4	J	3.0
Copper	1.7	U	20.75		1.2	U	2.0	U	2.9	J	2.0
Cyanide		NA		NA		NA		NA		NA	
Iron	33000		18750		27.0	UJ	926		90.2	J	2510
Lead	2.2	U	6.05	U	1.3	U	1.0	U	1.3	UJ	1.0
Magnesium	134000		8615		1200		71200		69000	J	12400
Manganese	861		387.5		0.83	U	8650		6870	J	3120
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Nickel	3.3		37.4		2.1	J	18.2	J	6.7	J	10.0
Potassium	12500		24450		12300	J	3250		4640		3390
Selenium	4.8	U	3.0	U	2.1	U	1.0	UJ	4.7	UJ	1.0
Silver	0.60	U	3.0	U	0.80	U	3.0	U	0.80	UJ	3.0
Sodium	11900		199500		123000		98600		156000	J	147000
Thallium	8.1	UJ	1.0	U	3.8	U	1.0	U	5.3	J	1.0
Vanadium	4.4		71.8		3.8	U	3.0	U	0.70	UJ	3.0
Zinc	1.4	U	58.1	U	0.60	UJ	9.6		2.4	J	133
Wet Chemistry Analysis											
Alkalinity		NA	280.5			NA	384			NA	256
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA	114			NA	77.6	J		NA	67.6
Ferrous Iron		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA	0.175			NA	0.10	U		NA	0.10
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA	46.2			NA	137			NA	60.0
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	10	U	500	U	10	UJ		NA	58000	*
1,1,2,2-Tetrachloroethane	U	10	U	500	U	10	UJ		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	10	U		NA	10	UJ		NA	10	U
1,1,2-Trichloroethane	U	10	U	500	U	10	UJ		NA	55	J
1,1-Dichloroethane		10	U	500	U	10	UJ		NA	6200	*
1,1-Dichloroethene	U	0.9	U	500	U	0.9	UJ		NA	8000	*J
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA	10	U		NA	10	UJ		NA	10	UJ
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA	10	U		NA	10	UJ		NA	10	U
1,2-Dibromoethane	NA	10	U		NA	10	UJ		NA	10	U
1,2-Dichlorobenzene	NA	10	U		NA	10	UJ		NA	10	U
1,2-Dichloroethane	U	10	U	500	U	10	UJ		NA	10	U
1,2-Dichloroethene (total)	J		NA	500	U		NA		NA		NA
1,2-Dichloropropane	UJ	10	U	500	U	10	UJ		NA	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA	10	U		NA	10	UJ		NA	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA	10	U		NA	10	UJ		NA	10	U
1,4-Dioxane	NA	100	UJ		NA	100	UJ		NA	2100	J
1-Chlorohexane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	U	10	U	500	U	10	UJ		NA	10	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	U	10	U	500	U	10	UJ		NA	10	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	U	10	U	500	U	10	UJ		NA	380	J
Acetone	U	10	U	500	U	10	UJ		NA	10	U
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	UJ	10	U	500	U	10	UJ		NA	58	J
Benzyl Chloride	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U	500	U	10	UJ		NA	10	U
Bromoform	U	10	U	500	U	10	UJ		NA	10	U
Bromomethane	U	10	U	500	U	10	UJ		NA	10	U
Carbon Disulfide	U	10	U	500	U	10	UJ		NA	10	U
Carbon Tetrachloride	U	10	U	500	U	10	UJ		NA	10	U
Chlorobenzene	U	1	J	500	U	9	J		NA	210	J
Chloroethane	UJ	10	U	500	U	10	UJ		NA	1000	*
Chloroform	U	10	U	500	U	10	UJ		NA	16	J
Chloromethane	U	10	U	500	U	10	UJ		NA	2	J
Chlorotoluene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA	10	U		NA	10	UJ		NA	25000	*
cis-1,3-Dichloropropene	U	10	U	500	U	10	UJ		NA	10	U
Cyclohexane	NA	10	U		NA	10	UJ		NA	10	U
Dibromochloromethane	U	10	U	500	U	10	UJ		NA	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA	10	UJ		NA	10	UUJ		NA	10	U
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	U	10	U	120	J	10	UJ		NA	150	J
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA	10	U		NA	7	J		NA	10	U
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	NA	10	U		NA	10	UJ		NA	6	J
Methyl tert-Butyl Ether	NA	10	U		NA	10	UJ		NA	10	U
Methylcyclohexane	NA	10	U		NA	35	J		NA	3	J
Methylene Chloride	U	10	UJ	500	UJ	10	UJ		NA	440	*J
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	U	10	U	500	U	10	UJ		NA	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	10	U	500	U	10	UJ		NA	2000	*
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	U	10	U	500	U	15	J		NA	2500	*
Total Xylenes	UJ	10	U	3300		4	J		NA	580	J
trans-1,2-Dichloroethene	NA	10	U		NA	10	UJ		NA	160	J
trans-1,3-Dichloropropene	U	10	U	500	U	10	UJ		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Trichloroethene	J	10	U	500	U	10	UJ		NA	76000	*
Trichlorofluoromethane	NA	10	UJ		NA	10	UJ		NA	10	UJ
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	J	1	U	500	U	1	UJ		NA	400	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA	10	U		NA	10	U	10	U		NA
1,2,4-Trichlorobenzene	U		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene	U		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene	U		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene	U		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	U	25	U	25	U	25	U		R		NA
2,4,6-Trichlorophenol	U	10	U	10	U	10	U		R		NA
2,4-Dichlorophenol	U	10	U	10	U	10	U		R		NA
2,4-Dimethylphenol	U	10	U	42		10	U		R		NA
2,4-Dinitrophenol	UJ	25	UJ	25	UJ	25	U	1900	*J		NA
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U		NA
2-Chlorophenol	U	10	U	10	U	10	U		R		NA
2-Methylnaphthalene	U	10	U	10	U	10	U	2	J		NA
2-Methylphenol	U	10	U	10	U	10	U	2	J		NA
2-Nitroaniline	U	25	UJ	25	U	25	U	25	U		NA
2-Nitrophenol	U	10	U	10	U	10	U	230	*J		NA
3,3'-Dichlorobenzidine	UJ	10	U	10	UJ	10	U	10	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
3-Nitroaniline	UJ	25	U	25	UJ	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	250	*J		NA
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	U	10	U	10	U	10	U		R		NA
4-Chloroaniline	U	10	UJ	10	U	10	U	10	UJ		NA
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	U	10	U	10	U	1	J		R		NA
4-Nitroaniline	UJ	25	UJ	25	UJ	25	U	25	U		NA
4-Nitrophenol	UJ	25	U	25	UJ	25	U	1100	*J		NA
Acenaphthene	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	U	10	U	10	U	10	U	10	U		NA
Acetophenone	NA	10	UJ		NA	10	U	10	U		NA
Anthracene	U	10	U	10	U	10	U	10	U		NA
Atrazine	NA	10	U		NA	10	U	10	UJ		NA
Benzaldehyde	NA	10	UJ		NA	10	UJ	40	J		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	UJ		NA
Benzo(a)pyrene	U	10	U	10	U	10	U	200	U*		NA
Benzo(b)fluoranthene	U	10	U	10	U	10	U	200	U*		NA
Benzo(g,h,i)perylene	U	10	UJ	10	U	10	U	200	U*		NA
Benzo(k)fluoranthene	U	10	U	10	U	10	U	200	U*		NA
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	UJ		NA
Butylbenzylphthalate	U	10	U	10	U	10	U	10	UJ		NA
Caprolactam	NA	10	U		NA	10	U	10	U		NA
Carbazole	U	10	U	10	U	10	U	10	U		NA
Chrysene	U	10	U	10	U	10	U	10	UJ		NA
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	200	U*		NA
Dibenzofuran	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	U	10	U	10	U	10	U	200	U*		NA
Fluoranthene	U	10	U	10	U	10	U	10	U		NA
Fluorene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	UJ		NA
Hexachloroethane	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	200	U*		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Isophorone	U	10	U	10	U	10	U	10	U		NA
Naphthalene	U	10	U	5	J	10	U	7	J		NA
Nitrobenzene	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	U	10	UJ	10	U	10	U	10	U		NA
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	U	25	U	25	U	25	U		R		NA
Phenanthrene	U	10	U	10	U	10	U	10	U		NA
Phenol	U	10	U	10	U	10	U	1	J		NA
Pyrene	U	10	U	10	U	10	U	10	UJ		NA
Total PAH	U		NA	5			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)anthracene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)pyrene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(b)fluoranthene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(k)fluoranthene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Chrysene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene	NA	0.20	U		NA	0.20	U	0.20	U		NA
Phenanthrene	NA	0.20	U		NA	0.21		0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.12			NA
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total	U		NA	1.1	U		NA		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	U	0.25	U	2.0	U	0.25	U	0.25	U		NA
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	U	0.25	U	1.0	U	0.25	U	0.25	U		NA
Aroclor-1260	U	0.25	U	1.0	U	0.25	U	0.25	U		NA
Aroclor-1262	UJ	0.28	U	1.0	UJ	0.28	U	0.28	U		NA
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.61	J		NA
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.074	J		NA
Dieldrin	U	0.050	U	0.10	U	0.050	U	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	U	0.050	U	0.10	U	0.050	U	0.050	U		NA
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.28			NA
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	U	0.020	U	0.050	U	0.020	U	0.020	U		NA
Heptachlor Epoxide	U	0.020	U	0.050	U	0.020	U	0.020	U		NA
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA	3.2	U		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA	2.3	EMPC		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA	2.0	U		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA	1.7	U		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA	1.9	U		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA	1.7	U		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA	1.0	U		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA	1.7	U		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA	1.3	U		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA	1.5	U		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA	0.90	U		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA	1.2	U		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA	0.90	U		NA		NA
2,3,7,8-TCDD	NA		NA		NA	1.4	U		NA		NA
2,3,7,8-TCDF	NA		NA		NA	1.1	U		NA		NA
OCDD	NA		NA		NA	8.1	U		NA		NA
OCDF	NA		NA		NA	3.7	U		NA		NA
Total HpCDD	NA		NA		NA	3.2	UJ		NA		NA
Total HpCDF	NA		NA		NA	2.3	EMPC		NA		NA
Total HxCDD	NA		NA		NA	1.7	UJ		NA		NA
Total HxCDF	NA		NA		NA	4.3	UEMPC		NA		NA
Total PeCDD	NA		NA		NA	1.5	UJ		NA		NA
Total PeCDF	NA		NA		NA	0.90	UJ		NA		NA
Total TCDD	NA		NA		NA	1.4	UJ		NA		NA
Total TCDF	NA		NA		NA	1.1	UJ		NA		NA
Toxicity Equivalency	NA		NA		NA	0.023	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-MW-PC06M-07		OU1-PC-06S-01		OU1-MW-PC06S-07		OU1-MW-RW6-07		OU1-MW-RW6A-07	
Sample Location		MW-PC06M		MW-PC06S		MW-PC06S		RW6		RW6A	
Date Sampled		1/16/2003		12/1/1997		1/16/2003		1/21/2003		1/24/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Recovery Well		Recovery Well	
TAL Metal Analysis (UG/L)											
Aluminum	U		NA	507		51.5	UJ	82200			NA
Antimony	U		NA	50.0	U	1.8	UJ	1.8	U		NA
Arsenic	U		NA	4.5	U	9.7	J	19.7			NA
Barium			NA	1920		3320	J	78.9			NA
Beryllium	U		NA	1.0	U	0.20	UJ	12.9			NA
Cadmium	U		NA	2.0	U	0.30	UJ	3.9			NA
Calcium			NA	116000		136000	J	101000			NA
Chromium	U		NA	197		3.8	UJ	113			NA
Chromium VI	NA		NA		NA		NA		NA		NA
Cobalt	U		NA	186		0.90	UJ	183			NA
Copper	U		NA	15.0		10.0	J	1900			NA
Cyanide	NA		NA		NA		NA		NA		NA
Iron			NA	69300		56800	J	12700			NA
Lead	U		NA	19.3		5.1	UJ	14.5			NA
Magnesium			NA	21900		36700	J	71700			NA
Manganese			NA	3530		2930	J	12000			NA
Mercury	U		NA	0.10	U	0.10	U	0.10	U		NA
Nickel	U		NA	138		1.5	J	480			NA
Potassium			NA	21800		27100		17800	J		NA
Selenium	UJ		NA	1.0	UJ	2.4	UJ	7.7	UJ		NA
Silver	U		NA	3.0	U	0.80	UJ	0.80	U		NA
Sodium			NA	35000		47400	J	148000			NA
Thallium	U		NA	1.0	U	7.5	J	16.8			NA
Vanadium	U		NA	7.7		4.8	UJ	0.70	U		NA
Zinc			NA	15.2		6.0	J	1870			NA
Wet Chemistry Analysis											
Alkalinity			NA	450			NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA
Chloride	J		NA	43.5	J		NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	U		NA	0.10	U		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA
Sulfate			NA	6.4			NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	5	U	5	U	20	U		NA		NA
1,1,1-Trichloroethane	1	U	3.7	L	170		610		10	U	7	J
1,1,2,2-Tetrachloroethane	1	U	5	U	5	U	20	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	5	U	5	U	20	U	10	U		NA
1,1,2-Trichloroethane	1	U	5	U	5	U	20	U	10	U	10	U
1,1-Dichloroethane	1	U	5.1		91		160		10	U	8	J
1,1-Dichloroethene	1	U	4.4	L	150		460		0.9	U	2	J
1,1-Dichloropropene	1	U	5	U	5	U	20	U		NA		NA
1,2,3-Trichlorobenzene	1	U	5	U	5	U	20	U		NA		NA
1,2,3-Trichloropropane	1	U	5	U	5	U	20	U		NA		NA
1,2,4-Trichlorobenzene	1	U	5	U	5	U	20	U	10	U		NA
1,2,4-Trimethylbenzene	1	U	5	U	5	U	20	U		NA		NA
1,2-Dibromo-3-chloropropane	1	U	5	U	5	U	20	U	10	U		NA
1,2-Dibromoethane	1	U	5	U	5	U	20	U	10	U		NA
1,2-Dichlorobenzene	1	U	5	U	5	U	20	U	10	U		NA
1,2-Dichloroethane	1	U	5	U	5	U	20	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	5	J
1,2-Dichloropropane	1	U	5	U	5	U	20	U	10	U	10	U
1,3,5-Trimethylbenzene	1	U	5	U	5	U	20	U		NA		NA
1,3-Dichlorobenzene	1	U	5	U	5	U	20	U	10	U		NA
1,3-Dichloropropane	1	U	5	U	5	U	20	U		NA		NA
1,4-Dichlorobenzene	1	U	5	U	5	U	20	U	10	U		NA
1,4-Dioxane		NA		NA		NA		NA	100	UJ		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	5	U	5	U	20	U		NA		NA
2-Butanone	4	U	20	U	20	U	80	U	10	U	10	U
2-Chloroethylvinylether	3	U	15	U	15	U	60	U		NA		NA
2-Chlorotoluene	1	U	5	U	5	U	20	U		NA		NA
2-Hexanone	0.6	U	3	U	3	U	12	U	10	U	10	UJ
4-Chlorotoluene	1	U	5	U	5	U	20	U		NA		NA
4-Methyl-2-Pentanone	0.5	U	2.5	U	2.5	U	10	U	10	UJ	10	UJ
Acetone	2.9	B	12	B	14	B	40	U	10	U	13	UJ
Acrolein	10	U	50	U	50	U	200	U		NA		NA
Acrylonitrile	5	U	25	U	25	U	100	U		NA		NA
Benzene	1	U	5	U	5	U	20	U	10	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene	1	U	5	U	5	U	20	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane	1	U	5	U	5	U	20	U		NA		NA
Bromodichloromethane	1	U	5	U	5	U	20	U	10	U	10	U
Bromoform	1	U	5	U	5	U	20	U	10	U	10	U
Bromomethane	1	U	5	U	5	U	20	U	10	U	10	U
Carbon Disulfide	3	U	15	U	15	U	60	U	10	U	1	J
Carbon Tetrachloride	1	U	5	U	5	U	20	U	10	U	10	U
Chlorobenzene	1	U	5	U	5	U	20	U	10	U	10	U
Chloroethane	1	U	5	U	5	U	20	U	10	U	10	U
Chloroform	1	U	5	U	5	U	20	U	10	U	10	U
Chloromethane	1	U	5	U	5	U	20	U	10	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U	2.7	L	76		160		10	U		NA
cis-1,3-Dichloropropene	1	U	5	U	5	U	20	U	10	U	10	U
Cyclohexane		NA		NA		NA		NA	10	U		NA
Dibromochloromethane	1	U	5	U	5	U	20	U	10	U	10	U
Dibromomethane	1	U	5	U	5	U	20	U		NA		NA
Dichlorodifluoromethane	1	U	5	U	5	U	20	U	10	UJ		NA
Ethyl Ether	3	U	15	U	15	U	60	U		NA		NA
Ethylbenzene	1	U	5	U	5	U	20	U	10	U	10	U
Hexachlorobutadiene	1	U	5	U	5	U	20	U		NA		NA
Isopropylbenzene	1	U	5	U	5	U	20	U	10	U		NA
m&p-Xylene	2	U	10	U	10	U	40	U		NA		NA
Methyl Acetate		NA		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether	1	U	11		14		20	U	10	U		NA
Methylcyclohexane		NA		NA		NA		NA	10	U		NA
Methylene Chloride	1	U	5	U	5	U	20	U	10	UJ	10	U
Naphthalene	1	U	5	U	5	U	20	U		NA		NA
n-Butylbenzene	1	U	5	U	5	U	20	U		NA		NA
n-Propylbenzene	1	U	5	U	5	U	20	U		NA		NA
o-Xylene	1	U	5	U	5	U	20	U		NA		NA
p-Isopropyltoluene	1	U	5	U	5	U	20	U		NA		NA
sec-Butylbenzene	1	U	5	U	5	U	20	U		NA		NA
Styrene	1	U	5	U	5	U	20	U	10	U	10	U
tert-Butylbenzene	1	U	5	U	5	U	20	U		NA		NA
Tetrachloroethene	1	U	5	U	5	U	20	U	10	U	10	U
Tetrahydrofuran	7	U	35	U	35	U	140	U		NA		NA
Toluene	1	U	5	U	5	U	20	U	10	U	10	U
Total Xylenes		NA		NA		NA		NA	10	U	10	U
trans-1,2-Dichloroethene	1	U	5	U	5	U	20	U	10	U		NA
trans-1,3-Dichloropropene	1	U	5	U	5	U	20	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	1	U	5	U	62		310		10	U	3	J
Trichlorofluoromethane	1	U	5	U	5	U	20	U	10	U		NA
Vinyl Acetate	6	U	30	U	30	U	120	U		NA		NA
Vinyl Chloride	1	U	5	U	5	U	20	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	0.5	U	3.4		169		651			NA		NA
1,1-Dichloroethene	0.5	U	2.7		136		587			NA		NA
Benzene	0.5	U	0.5	U	14	U	28	U		NA		NA
Chlorobenzene	2	U	2	U	56	U	56	U		NA		NA
cis-1,2-Dichloroethene	1	U	2.4		66		173			NA		NA
Tetrachloroethene	0.5	U	0.5	U	14	U	14	U		NA		NA
Toluene	1	U	1	U	20	U	28	U		NA		NA
Trichloroethene	0.5	U	1.6		66		338			NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA	25	U	25	UJ
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline		NA		NA		NA		NA	10	UJ	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U
4-Nitroaniline		NA		NA		NA		NA	25	U	25	UJ
4-Nitrophenol		NA		NA		NA		NA	25	UJ	25	U
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA	10	U		NA
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA	10	UJ		NA
Benzaldehyde		NA		NA		NA		NA	10	UJ		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA	10	U		NA
Carbazole		NA		NA		NA		NA	10	U	10	UJ
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10	U
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U	10	U
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	U

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Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA		NA	0.20	UJ		NA
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20	UJ		NA
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20	UJ		NA
Chrysene		NA		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20	UJ		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20	UJ		NA
Phenanthrene		NA		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA	0.10	U		NA
4,4'-DDE		NA		NA		NA		NA	0.10	U		NA
4,4'-DDT		NA		NA		NA		NA	0.10	U		NA
Aldrin		NA		NA		NA		NA	0.050	U		NA
alpha-BHC		NA		NA		NA		NA	0.050	UJ		NA
alpha-Chlordane		NA		NA		NA		NA	0.050	U		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA	1.0	U		NA
Aroclor-1221		NA		NA		NA		NA	0.25	U		NA
Aroclor-1232		NA		NA		NA		NA	1.0	U		NA
Aroclor-1242		NA		NA		NA		NA	1.0	U		NA
Aroclor-1248		NA		NA		NA		NA	1.0	U		NA
Aroclor-1254		NA		NA		NA		NA	0.25	U		NA
Aroclor-1260		NA		NA		NA		NA	0.25	U		NA
Aroclor-1262		NA		NA		NA		NA	0.28	U		NA
Aroclor-1268		NA		NA		NA		NA	1.0	U		NA
beta-BHC		NA		NA		NA		NA	0.050	U		NA
delta-BHC		NA		NA		NA		NA	0.050	U		NA
Dieldrin		NA		NA		NA		NA	0.050	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA	0.050	U		NA
Endosulfan II		NA		NA		NA		NA	0.10	U		NA
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U		NA
Endrin		NA		NA		NA		NA	0.050	U		NA
Endrin Aldehyde		NA		NA		NA		NA	0.10	U		NA
Endrin Ketone		NA		NA		NA		NA	0.10	U		NA
gamma-BHC		NA		NA		NA		NA	0.050	UJ		NA
gamma-Chlordane		NA		NA		NA		NA	0.050	U		NA
Heptachlor		NA		NA		NA		NA	0.020	U		NA
Heptachlor Epoxide		NA		NA		NA		NA	0.020	U		NA
Methoxychlor		NA		NA		NA		NA	0.50	U		NA
Toxaphene		NA		NA		NA		NA	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW07-0018		RM-GW07-0023		RM-GW07-0028		RM-GW07-0038		OU2-MW-CRA7-07		OU2-GW-07	
Sample Location	7		7		7		7		CRA-7		GW-07	
Date Sampled	2/21/2002		2/21/2002		2/21/2002		2/21/2002		1/28/2003		3/31/1999	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA	18.4	UJ		NA
Antimony		NA		NA		NA		NA	3.5	U		NA
Arsenic		NA		NA		NA		NA	4.6	U		NA
Barium		NA		NA		NA		NA	51.3	U		NA
Beryllium		NA		NA		NA		NA	0.26	U		NA
Cadmium		NA		NA		NA		NA	0.50	U		NA
Calcium		NA		NA		NA		NA	53000			NA
Chromium		NA		NA		NA		NA	28.5			NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA	5.4			NA
Copper		NA		NA		NA		NA	0.80	U		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA	17900			NA
Lead		NA		NA		NA		NA	1.5	U		NA
Magnesium		NA		NA		NA		NA	10100			NA
Manganese		NA		NA		NA		NA	1640			NA
Mercury		NA		NA		NA		NA	0.10	U		NA
Nickel		NA		NA		NA		NA	290			NA
Potassium		NA		NA		NA		NA	7870	J		NA
Selenium		NA		NA		NA		NA	2.1	U		NA
Silver		NA		NA		NA		NA	0.80	UJ		NA
Sodium		NA		NA		NA		NA	56400	J		NA
Thallium		NA		NA		NA		NA	4.0	U		NA
Vanadium		NA		NA		NA		NA	0.80	U		NA
Zinc		NA		NA		NA		NA	12.7	U		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10		13		11		1	U	7		7		12
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U		NA	
1,1-Dichloroethane	2		6		1	U	1	U	3		1		3
1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane	1	U	1	U	1	U	1	U	1	U		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether	10	U	10	U	10	U	10	U	10	U		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U	1	U	1	U	1	U		NA	
Benzyl Chloride	10	U	10	U	10	U	10	U	10	U		NA	
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U		NA	
bis-(2-chloroisopropyl)ether	10	U	10	U	10	U	10	U	10	U		NA	
Bromobenzene	1	U	1	U	1	U	1	U	1	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U		NA	
Bromoform	1	U	1	U	1	U	1	U	1	U		NA	
Bromomethane	10	U	10	U	10	U	10	U	10	U		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	1	U	1	U	1	U	1	U	1	U		NA	
Chlorobenzene	1	U	1	U	1	U	1	U	1	U		NA	
Chloroethane	10	U	10	U	10	U	10	U	10	U		NA	
Chloroform	3		5		2		1		4		2		5
Chloromethane	10	U	10	U	10	U	10	U	10	U		NA	
Chlorotoluene	1	U	1	U	1	U	1	U	1	U		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	1	U	1	U	1	U	1	U	1	U		NA	
Dibromomethane	1	U	1	U	1	U	1	U	1	U		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene	1	U	1	U	1	U	1	U	1	U		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U	1	U	1	U	1	U		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene	1	U	1	U	1	U	1	U	1	U		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	1	U	1	U	1	U	1		1	U	1
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1	U	1	U	1	U	1		1	U	1
Total Xylenes		NA		NA		NA		NA		NA	1	U	1
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1
trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	107		74		139		18		37		30		66
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U		NA	
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	

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Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-7-112090		MW-7-022791		MW-7-051791		MW-7-081691		MW-7-111891		MW-7-021892		MW-7-051892
Sample Location	MW-7		MW-7		MW-7		MW-7		MW-7		MW-7		MW-7
Date Sampled	11/20/1990		2/27/1991		5/17/1991		8/16/1991		11/18/1991		2/18/1992		5/18/1992
Interval	29.0-39.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0		8.0-18.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	280		130		60.0		80.0		120		60.0		90.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	90.0		190		200		260		360		140		160
Cyanide	490		150		90.0		100		50.0	U	50.0	U	50.0
Iron	7670		1110		1040		400		920		1500		2600
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	13390		15220		9910		12200		18000		9800		11200
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	980		630		390		1640		1000		860		1100
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	368		300		95.0		74.0		280		170		250
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA	2	U	5	U
1,1,1-Trichloroethane		8		10	U	400	U	10	U	110		300	
1,1,2,2-Tetrachloroethane	NA		NA	10	U	400	U	10	U	2	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA	10	U		NA	10	U	2	U	5	U
1,1,2-Trichloroethane	NA		NA	10	U	400	U	10	U	2	U	5	U
1,1-Dichloroethane		2		10	U	400	U	10	U	29.4		72.6	
1,1-Dichloroethene	NA		NA	0.9	U	400	U	0.9	U	66.3		190	
1,1-Dichloropropene	NA		NA		NA		NA		NA	2	U	5	U
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA	2	U	5	U
1,2,3-Trichloropropane	NA		NA		NA		NA		NA	2	U	5	U
1,2,4-Trichlorobenzene	NA		NA	10	UJ		NA	10	U	2	U	5	U
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA	2	U	5	U
1,2-Dibromo-3-chloropropane	NA		NA		R		NA	10	U	2	U	5	U
1,2-Dibromoethane	NA		NA	10	U		NA	10	U	2	U	5	U
1,2-Dichlorobenzene	NA		NA	10	U		NA	10	U	2	U	5	U
1,2-Dichloroethane	NA		NA	10	U	400	U	10	U	2	U	5	U
1,2-Dichloroethene (total)	NA		NA		NA	400	U		NA		NA		NA
1,2-Dichloropropane	NA		NA	10	U	400	UJ	10	U	2	U	5	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA	2	U	5	U
1,3-Dichlorobenzene	NA		NA	10	U		NA	10	U	2	U	5	U
1,3-Dichloropropane	NA		NA		NA		NA		NA	2	U	5	U
1,4-Dichlorobenzene	NA		NA	10	U		NA	10	U	2	U	5	U
1,4-Dioxane	NA		NA	100	UJ		NA	100	UJ		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA	2	U	5	U
2-Butanone	NA		NA	10	U	400	U	10	U	8	U	20	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA	6	U	15	U
2-Chlorotoluene	NA		NA		NA		NA		NA	2	U	5	U
2-Hexanone	NA		NA	10	UJ	400	U	10	U	1.2	U	3	U
4-Chlorotoluene	NA		NA		NA		NA		NA	2	U	5	U
4-Methyl-2-Pentanone	NA		NA	10	U	400	U	10	U	1	U	2.5	U
Acetone	NA		NA	10	U	400	U	10	U	4	U	10	U
Acrolein	NA		NA		NA		NA		NA	20	U	50	U
Acrylonitrile	NA		NA		NA		NA		NA	10	U	25	U
Benzene	NA		NA	10	U	400	UJ	10	U	2	U	5	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA	2	U	5	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane	NA		NA		NA		NA		NA	2	U	5	U
Bromodichloromethane	NA		NA	10	U	400	U	10	U	2	U	5	U
Bromoform	NA		NA	10	U	400	U	10	U	2	U	5	U
Bromomethane	NA		NA	10	U	400	U	10	U	2	U	5	U
Carbon Disulfide	NA		NA	10	U	400	U	10	U	6	U	15	U
Carbon Tetrachloride	NA		NA	10	U	400	U	10	U	2	U	5	U
Chlorobenzene	NA		NA	10	U	12000	*	12		2	U	5	U
Chloroethane	NA		NA	10	U	400	UJ	10	U	2	U	5	U
Chloroform		8		10	U	400	U	10	U	4.4		9.4	
Chloromethane	NA		NA	10	U	400	U	10	U	2	U	5	U
Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA	10	U		NA	10	U	40.8		98	
cis-1,3-Dichloropropene	NA		NA	10	U	400	U	10	U	2	U	5	U
Cyclohexane	NA		NA	10	U		NA	10	U		NA		NA
Dibromochloromethane	NA		NA	10	U	400	U	10	U	2	U	5	U
Dibromomethane	NA		NA		NA		NA		NA	2	U	5	U
Dichlorodifluoromethane	NA		NA	10	U		NA	10	UJ	2	U	5	U
Ethyl Ether	NA		NA		NA		NA		NA	6	U	15	U
Ethylbenzene	U	1	U	10	U	400	U	10	U	2	U	5	U
Hexachlorobutadiene	NA		NA		NA		NA		NA	2	U	5	U
Isopropylbenzene	NA		NA	10	U		NA	10	U	2	U	5	U
m&p-Xylene	NA		NA		NA		NA		NA	4	U	10	U
Methyl Acetate	NA		NA	10	U		NA	10	U		NA		NA
Methyl tert-Butyl Ether	NA		NA	10	U		NA	10	U	2	U	5	U
Methylcyclohexane	NA		NA	10	U		NA	10	U		NA		NA
Methylene Chloride	NA		NA	10	U	400	U	10	UJ	2	U	5	U
Naphthalene	NA		NA		NA		NA		NA	2	U	5	U
n-Butylbenzene	NA		NA		NA		NA		NA	2	U	5	U
n-Propylbenzene	NA		NA		NA		NA		NA	2	U	5	U
o-Xylene	NA		NA		NA		NA		NA	2	U	5	U
p-Isopropyltoluene	NA		NA		NA		NA		NA	2	U	5	U
sec-Butylbenzene	NA		NA		NA		NA		NA	2	U	5	U
Styrene	NA		NA	10	U	400	U	10	U	2	U	5	U
tert-Butylbenzene	NA		NA		NA		NA		NA	2	U	5	U
Tetrachloroethene	U	1		10	U	400	U	10	U	2	U	5	U
Tetrahydrofuran	NA		NA		NA		NA		NA	14	U	35	U
Toluene	U	1	U	10	U	400	U	10	U	2	U	5	U
Total Xylenes	U	1	U	10	U	400	UJ	10	U		NA		NA
trans-1,2-Dichloroethene	U	1	U	10	U		NA	10	U	2	U	5	U
trans-1,3-Dichloropropene	NA		NA	10	U	400	U	10	U	2	U	5	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene		31		710	*	400	U	10	U	48.3		110	
Trichlorofluoromethane	NA		NA	10	U		NA	10	UJ	2	U	5	U
Vinyl Acetate	NA		NA		NA		NA		NA	12	U	30	U
Vinyl Chloride	NA		NA	1	U	400	U	1	U	2	U	5	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA	10	U		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	NA		NA	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	NA		NA	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	NA		NA	10	U	10	U	10	U		NA		NA
2,4-Dimethylphenol	NA		NA	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	NA		NA	25	U	25	UJ	25	UJ		NA		NA
2,4-Dinitrotoluene	NA		NA	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	NA		NA	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	NA		NA	10	U	10	U	10	U		NA		NA
2-Chlorophenol	NA		NA	10	U	18		10	U		NA		NA
2-Methylnaphthalene	NA		NA	10	U	10	U	10	U		NA		NA
2-Methylphenol	NA		NA	10	U	10	U	10	U		NA		NA
2-Nitroaniline	NA		NA	25	U	25	U	25	UJ		NA		NA
2-Nitrophenol	NA		NA	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	NA		NA	10	UJ	10	UJ	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	NA		NA	25	U	25	UJ	25	U		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	NA		NA	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	NA		NA	10	U	10	U	10	U		NA		NA
4-Chloroaniline	NA		NA	10	UJ	10	U	10	UJ		NA		NA
4-Chlorophenyl-phenylether	NA		NA	10	U	10	U	10	U		NA		NA
4-Methylphenol	NA		NA	10	U	10	U	10	U		NA		NA
4-Nitroaniline	NA		NA	25	UJ	25	UJ	25	UJ		NA		NA
4-Nitrophenol	NA		NA	25	U	25	UJ	25	U		NA		NA
Acenaphthene	NA		NA	10	U	10	U	10	U		NA		NA
Acenaphthylene	NA		NA	10	U	10	U	10	U		NA		NA
Acetophenone	NA		NA	10	U		NA	10	UJ		NA		NA
Anthracene	NA		NA	10	U	10	U	10	U		NA		NA
Atrazine	NA		NA	10	U		NA	10	U		NA		NA
Benzaldehyde	NA		NA	10	UJ		NA	10	UJ		NA		NA
Benzo(a)anthracene	NA		NA	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	NA		NA	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	NA		NA	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	NA		NA	10	UJ	10	U	10	UJ		NA		NA
Benzo(k)fluoranthene	NA		NA	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	NA		NA	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA	10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	NA		NA	10	U	10	U	10	U		NA		NA
Caprolactam	NA		NA	8	J		NA	10	U		NA		NA
Carbazole	NA		NA	10	U	10	U	10	U		NA		NA
Chrysene	NA		NA	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	NA		NA	10	U	10	U	10	U		NA		NA
Dibenzofuran	NA		NA	10	U	10	U	10	U		NA		NA
Diethylphthalate	NA		NA	10	U	10	U	10	U		NA		NA
Dimethylphthalate	NA		NA	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	NA		NA	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	NA		NA	10	U	10	U	10	U		NA		NA
Fluoranthene	NA		NA	10	U	10	U	10	U		NA		NA
Fluorene	NA		NA	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	NA		NA	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	NA		NA	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	NA		NA	10	U	10	U	10	U		NA		NA
Hexachloroethane	NA		NA	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	NA		NA	10	U	10	U	10	U		NA		NA
Naphthalene	NA		NA	10	U	10	U	10	U		NA		NA
Nitrobenzene	NA		NA	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	NA		NA	10	U	10	U	10	UJ		NA		NA
N-Nitroso-diphenylamine	NA		NA	10	U	10	U	10	U		NA		NA
Pentachlorophenol	NA		NA	25	UJ	25	U	25	U		NA		NA
Phenanthrene	NA		NA	10	U	10	U	10	U		NA		NA
Phenol	NA		NA	10	U	10	U	10	U		NA		NA
Pyrene	NA		NA	10	U	10	U	10	U		NA		NA
Total PAH	NA		NA		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Benzo(a)anthracene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Benzo(a)pyrene	NA		NA	0.20	UJ		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Chrysene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Phenanthrene	NA		NA	0.20	U		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC	NA		NA	0.050	UJ	0.050	U	0.050	U		NA		NA
alpha-Chlordane	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
Aroclor, Total	NA		NA		NA	1.1	U		NA		NA		NA
Aroclor-1016	NA		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1221	NA		NA	0.25	U	2.0	U	0.25	U		NA		NA
Aroclor-1232	NA		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1242	NA		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1248	NA		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1254	NA		NA	0.25	U	1.0	U	0.25	U		NA		NA
Aroclor-1260	NA		NA	0.25	U	1.0	U	0.25	U		NA		NA
Aroclor-1262	NA		NA	0.28	U	1.0	UJ	0.28	U		NA		NA
Aroclor-1268	NA		NA	1.0	U	1.0	U	1.0	U		NA		NA
beta-BHC	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
delta-BHC	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin	NA		NA	0.050	U	0.10	U	0.050	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
Endosulfan II	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
Endrin	NA		NA	0.050	U	0.10	U	0.050	U		NA		NA
Endrin Aldehyde	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
gamma-BHC	NA		NA	0.050	UJ	0.050	U	0.050	U		NA		NA
gamma-Chlordane	NA		NA	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor	NA		NA	0.020	U	0.050	U	0.020	U		NA		NA
Heptachlor Epoxide	NA		NA	0.020	U	0.050	U	0.020	U		NA		NA
Methoxychlor	NA		NA	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene	NA		NA	5.0	U	5.0	U	5.0	U		NA		NA
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA	0.70	U		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA	0.30	U		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA	0.40	U		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA	0.40	U		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA	1.3	U		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA	0.40	U		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA	0.20	U		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA	0.40	U		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA	0.30	U		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA	0.50	U		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA	0.30	U		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA	0.88	EMPC		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA	0.82	EMPC		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA	0.40	U		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA	0.30	U		NA		NA
OCDD	NA		NA		NA		NA	6.6	U		NA		NA
OCDF	NA		NA		NA		NA	1.8	UEMPC		NA		NA
Total HpCDD	NA		NA		NA		NA	0.70	UJ		NA		NA
Total HpCDF	NA		NA		NA		NA	0.40	UJ		NA		NA
Total HxCDD	NA		NA		NA		NA	0.40	UJ		NA		NA
Total HxCDF	NA		NA		NA		NA	2.2	UEMPC		NA		NA
Total PeCDD	NA		NA		NA		NA	0.50	UJ		NA		NA
Total PeCDF	NA		NA		NA		NA	0.82	EMPC		NA		NA
Total TCDD	NA		NA		NA		NA	0.40	UJ		NA		NA
Total TCDF	NA		NA		NA		NA	0.30	UJ		NA		NA
Toxicity Equivalency	NA		NA		NA		NA	0.50	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-7-081892		OU2-MW-7-07		OU1-PC-07S-01		OU1-MW-PC07S-07		RM-GW08-0018		RM-GW08-0023	
Sample Location		MW-7		MW-7		MW-PC07S		MW-PC07S		8		8	
Date Sampled		8/18/1992		2/5/2003		12/1/1997		1/16/2003		2/20/2002		2/20/2002	
Interval		8.0-18.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-18.0		0.0-23.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA	1980		59.6	U	14.2	U		NA		NA
Antimony	NA		NA	2.3	U	50.0	U	3.5	U		NA		NA
Arsenic	NA		NA	5.1	J	63.5		90.7			NA		NA
Barium	U	500	U	33.5		28.0		23.8			NA		NA
Beryllium	NA		NA	0.27	U	1.0	U	1.1	U		NA		NA
Cadmium		90.0		231		2.0	U	0.50	UJ		NA		NA
Calcium	NA		NA	13700		21900		20700			NA		NA
Chromium	U	50.0	U	9.9		5.0	U	0.50	U		NA		NA
Chromium VI	U	50.0	U		NA		NA		NA		NA		NA
Cobalt	NA		NA	11.8		5.6	J	4.8			NA		NA
Copper		20.0		111		2.4	J	0.80	UJ		NA		NA
Cyanide	U	130			NA		NA		NA		NA		NA
Iron		130		492		49400		16900			NA		NA
Lead	U	50.0	U	2.2	U	1.0	U	1.5	UJ		NA		NA
Magnesium	NA		NA	7910		6160		6350			NA		NA
Manganese	NA		NA	319		2730		1780			NA		NA
Mercury	NA		NA	0.10	U	0.10	U	0.10	U		NA		NA
Nickel		17400		619		10.0	U	1.7	U		NA		NA
Potassium	NA		NA	4320		3770		3880	J		NA		NA
Selenium	NA		NA	4.8	U	1.0	UJ	2.2	UJ		NA		NA
Silver	NA		NA	0.60	U	3.0	U	0.80	UJ		NA		NA
Sodium	NA		NA	11100		14200		18800	J		NA		NA
Thallium	NA		NA	4.7	U	1.0	U	4.0	U		NA		NA
Vanadium	NA		NA	1.8		3.0	U	0.80	U		NA		NA
Zinc		230		1430		27.4		10.0	UJ		NA		NA
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA	120			NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride		200			NA	14.7	J		NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA	0.10	U		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA	38.1			NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA
1,1,1-Trichloroethane	400		370		420		470			NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethane	82		78.8		84.6		79			NA
1,1-Dichloroethene	140		49.8		230		250			NA
1,1-Dichloropropene	10	U	10	U	10	U	10	U		NA
1,2,3-Trichlorobenzene	10	U	10	U	10	U	10	U		NA
1,2,3-Trichloropropane	10	U	10	U	10	U	10	U		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U		NA
1,2,4-Trimethylbenzene	10	U	10	U	10	U	10	U		NA
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U	10	U		NA
1,2-Dibromoethane	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA
1,3,5-Trimethylbenzene	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
1,3-Dichloropropane	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA
2,2-Dichloropropane	10	U	10	U	10	U	10	U		NA
2-Butanone	40	U	40	U	40	U	40	U		NA
2-Chloroethylvinylether	30	U	30	U	30	U	30	U		NA
2-Chlorotoluene	10	U	10	U	10	U	10	U		NA
2-Hexanone	6	U	6	U	6	U	6	U		NA
4-Chlorotoluene	10	U	10	U	10	U	10	U		NA
4-Methyl-2-Pentanone	5	U	5	U	5	U	5	U		NA
Acetone	20	U	20	U	20	U	20	U		NA
Acrolein	100	U	100	U	100	U	100	U		NA
Acrylonitrile	50	U	50	U	50	U	50	U		NA
Benzene	10	U	10	U	10	U	10	U		NA
Benzyl Chloride		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA
Bromobenzene	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane	10	U	10	U	10	U	10	U		NA
Bromodichloromethane	10	U	10	U	10	U	10	U		NA
Bromoform	10	U	10	U	10	U	10	U		NA
Bromomethane	10	U	10	U	10	U	10	U		NA
Carbon Disulfide	30	U	30	U	30	U	30	U		NA
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA
Chlorobenzene	10	U	10	U	10	U	10	U		NA
Chloroethane	10	U	10	U	10	U	10	U		NA
Chloroform	10	U	10	U	10	U	10	U		NA
Chloromethane	10	U	10	U	10	U	10	U		NA
Chlorotoluene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	120		130		120		120			NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U		NA
Dibromomethane	10	U	10	U	10	U	10	U		NA
Dichlorodifluoromethane	10	U	10	U	10	U	10	U		NA
Ethyl Ether	30	U	30	U	30	U	30	U		NA
Ethylbenzene	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U		NA
Isopropylbenzene	10	U	10	U	10	U	10	U		NA
m&p-Xylene	20	U	20	U	20	U	20	U		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U		NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U		NA
Naphthalene	10	U	10	U	10	U	10	U		NA
n-Butylbenzene	10	U	10	U	10	U	10	U		NA
n-Propylbenzene	10	U	10	U	10	U	10	U		NA
o-Xylene	10	U	10	U	10	U	10	U		NA
p-Isopropyltoluene	10	U	10	U	10	U	10	U		NA
sec-Butylbenzene	10	U	10	U	10	U	10	U		NA
Styrene	10	U	10	U	10	U	10	U		NA
tert-Butylbenzene	10	U	10	U	10	U	10	U		NA
Tetrachloroethene	10	U	10	U	10	U	10	U		NA
Tetrahydrofuran	70	U	70	U	70	U	70	U		NA
Toluene	10	U	10	U	10	U	10	U		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	180		200		150		190			NA
Trichlorofluoromethane	10	U	10	U	10	U	10	U		NA
Vinyl Acetate	60	U	60	U	60	U	60	U		NA
Vinyl Chloride	10	U	10	U	10	U	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA	1	U
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	1	U
1,1,2-Trichloroethane		NA		NA		NA		NA	1	U
1,1-Dichloroethane		NA		NA		NA		NA	0.8	J
1,1-Dichloroethene		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	1	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		R
1,2-Dibromoethane		NA		NA		NA		NA	1	U
1,2-Dichlorobenzene		NA		NA		NA		NA	1	U
1,2-Dichloroethane		NA		NA		NA		NA	1	U
1,2-Dichloropropane		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene		NA		NA		NA		NA	1	U
2-Butanone		NA		NA		NA		NA		R
2-Hexanone		NA		NA		NA		NA	5	U
4-Methyl-2-Pentanone		NA		NA		NA		NA	5	U
Acetone		NA		NA		NA		NA		R
Benzene		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA	1	U
Bromodichloromethane		NA		NA		NA		NA	1	U
Bromoform		NA		NA		NA		NA	1	U
Bromomethane		NA		NA		NA		NA	1	UJ
Carbon Disulfide		NA		NA		NA		NA	1	U
Carbon Tetrachloride		NA		NA		NA		NA	1	U
Chlorobenzene		NA		NA		NA		NA	0.5	J
Chloroethane		NA		NA		NA		NA	1	UJ
Chloroform		NA		NA		NA		NA	1	U
Chloromethane		NA		NA		NA		NA	1	UJ
cis-1,2-Dichloroethene		NA		NA		NA		NA	3	
cis-1,3-Dichloropropene		NA		NA		NA		NA	1	U
Dibromochloromethane		NA		NA		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA	1	U
Methylene Chloride		NA		NA		NA		NA	2	UJ
Styrene		NA		NA		NA		NA	1	U
Tetrachloroethene		NA		NA		NA		NA	1	U
Toluene		NA		NA		NA		NA	3	
Total Xylenes		NA		NA		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA	1	U
Trichloroethene		NA		NA		NA		NA	1	U
Vinyl Chloride		NA		NA		NA		NA	1	J
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	430		431			NA	515			NA
1,1-Dichloroethene	170		170			NA	262			NA
Benzene	25	U	25	U		NA	12	U		NA
Chlorobenzene	50	U	50	U		NA	48	U		NA
cis-1,2-Dichloroethene	100		103			NA	152			NA
Tetrachloroethene	12	U	12	U		NA	12	U		NA
Toluene	25	U	25	U		NA	24	U		NA
Trichloroethene	160		158			NA	241			NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	UJ
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	UJ
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA	10	U
4-Nitroaniline		NA		NA		NA		NA	25	U
4-Nitrophenol		NA		NA		NA		NA	25	U
Acenaphthene		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA	10	U
Chrysene		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U
Dibenzofuran		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U
Fluoranthene		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA		R
Hexachloroethane		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA	10	U
Nitrobenzene		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U
Phenanthrene		NA		NA		NA		NA	10	U
Phenol		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA	10	U
Total PAH		NA		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW08-0028-AVG		RM-GW08-0028		RM-GW-DP01		RM-GW08-0038		SP-CRA-8-01	
Sample Location	8		8		8		8		CRA-8	
Date Sampled	2/20/2002		2/20/2002		2/20/2002		2/20/2002		12/2/1997	
Interval	0.0-28.0		0.0-28.0		0.0-28.0		0.0-38.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		Field Dup. RM-GW08-0028		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA	210	UJ
Antimony		NA		NA		NA		NA	4.0	U
Arsenic		NA		NA		NA		NA	6.0	U
Barium		NA		NA		NA		NA	131	
Beryllium		NA		NA		NA		NA	1.0	U
Cadmium		NA		NA		NA		NA	1.0	U
Calcium		NA		NA		NA		NA	194000	
Chromium		NA		NA		NA		NA	1220	
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA	35.2	
Copper		NA		NA		NA		NA	64.5	U
Cyanide		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA	14800	J
Lead		NA		NA		NA		NA	3.0	U
Magnesium		NA		NA		NA		NA	17700	
Manganese		NA		NA		NA		NA	1670	
Mercury		NA		NA		NA		NA	0.20	U
Nickel		NA		NA		NA		NA	2440	
Potassium		NA		NA		NA		NA	21800	
Selenium		NA		NA		NA		NA	3.0	U
Silver		NA		NA		NA		NA	4.6	U
Sodium		NA		NA		NA		NA	228000	
Thallium		NA		NA		NA		NA	6.0	U
Vanadium		NA		NA		NA		NA	1.0	U
Zinc		NA		NA		NA		NA	19.5	UJ
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA	190	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	371	
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	14.1	
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	169	
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U		NA	8	J	1		3		1	
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1-Dichloroethane	10	U		NA	5	J	1	U	1	U	1	U
1,1-Dichloroethene	0.9	U		NA	2	J	1	U	1	U	1	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA	1	U	1	U	1	U
1,2-Dichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA	5	J		NA		NA		NA
1,2-Dichloropropane	10	U		NA	10	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	1	U	1	U	1	U
1,4-Dioxane	85	J		NA		NA		NA		NA		NA
1-Chlorohexane		NA		NA		NA	1	U	1	U	1	U
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U		NA	10	U		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U		NA	10	UJ		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	UJ		NA	10	UJ		NA		NA		NA
Acetone	10	U		NA	24	UJ		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U		NA	10	U	1	U	1	U	1	U
Benzyl Chloride		NA		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA	10	U	10	U	10	U
bis-(2-chloroisopropyl)ether		NA		NA		NA	10	U	10	U	10	U
Bromobenzene		NA		NA		NA	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA	10	U	2		1	U	1	U
Bromoform	10	U		NA	10	U	1	U	1	U	1	U
Bromomethane	10	U		NA	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U		NA	10	U		NA		NA		NA
Carbon Tetrachloride	10	U		NA	10	U	1	U	1	U	1	U
Chlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
Chloroethane	10	U		NA	10	U	10	U	10	U	10	U
Chloroform	10	U		NA	10	U	8		3		2	
Chloromethane	10	U		NA	10	U	10	U	10	U	10	U
Chlorotoluene		NA		NA		NA	1	U	1	U	1	U
cis-1,2-Dichloroethene	10	U		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U
Cyclohexane	10	U		NA		NA		NA		NA		NA
Dibromochloromethane	10	U		NA	10	U	1	U	1	U	1	U
Dibromomethane		NA		NA		NA	1	U	1	U	1	U
Dichlorodifluoromethane	10	UJ		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U		NA	10	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA	1	U	1	U	1	U
Methyl Acetate	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA		NA		NA		NA
Methylcyclohexane	10	U		NA		NA		NA		NA		NA
Methylene Chloride	10	UJ		NA	10	U	1	U	1	U	1	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA	1	U	1	U	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA	10	U		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U		NA	10	U	1	U	1	U	1	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U		NA	10	U	1	U	1	U	1	U
Total Xylenes	10	U		NA	10	U		NA		NA		NA
trans-1,2-Dichloroethene	10	U		NA		NA	4		3		7	
trans-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	10	U		NA	3	J	296		64		33	
Trichlorofluoromethane	10	U		NA		NA	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA	10	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA	25	U		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA	10	U		NA		NA		NA
2,4-Dichlorophenol	10	U		NA	10	U		NA		NA		NA
2,4-Dimethylphenol	10	U		NA	10	U		NA		NA		NA
2,4-Dinitrophenol	25	UJ		NA	25	U		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2-Chloronaphthalene	10	U		NA	10	U		NA		NA		NA
2-Chlorophenol	10	U		NA	10	U		NA		NA		NA
2-Methylnaphthalene	10	U		NA	10	U		NA		NA		NA
2-Methylphenol	10	U		NA	10	U		NA		NA		NA
2-Nitroaniline	25	U		NA	25	U		NA		NA		NA
2-Nitrophenol	10	U		NA	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U		NA	25	UJ		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA	25	U		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA	10	U		NA		NA		NA
4-Chloroaniline	10	UJ		NA	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Methylphenol	10	U		NA	10	U		NA		NA		NA
4-Nitroaniline	25	U		NA	25	UJ		NA		NA		NA
4-Nitrophenol	25	U		NA	25	U		NA		NA		NA
Acenaphthene	10	U		NA	10	U		NA		NA		NA
Acenaphthylene	10	U		NA	10	U		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA
Anthracene	10	U		NA	10	U		NA		NA		NA
Atrazine	10	UJ		NA		NA		NA		NA		NA
Benzaldehyde	10	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA	10	U		NA		NA		NA
Benzo(a)pyrene	10	U		NA	10	U		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA	10	U		NA		NA		NA
Benzo(g,h,i)perylene	10	U		NA	10	U		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U		NA		NA		NA
Butylbenzylphthalate	10	U		NA	10	U		NA		NA		NA
Caprolactam	10	U		NA		NA		NA		NA		NA
Carbazole	10	U		NA	10	UJ		NA		NA		NA
Chrysene	10	U		NA	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA	10	U		NA		NA		NA
Dibenzofuran	10	U		NA	10	U		NA		NA		NA
Diethylphthalate	10	U		NA	10	U		NA		NA		NA
Dimethylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-Butylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-octylphthalate	10	U		NA	10	U		NA		NA		NA
Fluoranthene	10	U		NA	10	U		NA		NA		NA
Fluorene	10	U		NA	10	U		NA		NA		NA
Hexachlorobenzene	10	U		NA	10	U		NA		NA		NA
Hexachlorobutadiene	10	U		NA	10	U		NA		NA		NA
Hexachlorocyclopentadiene	10	UJ		NA	10	U		NA		NA		NA
Hexachloroethane	10	U		NA	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA	10	U		NA		NA		NA
Naphthalene	10	U		NA	10	U		NA		NA		NA
Nitrobenzene	10	U		NA	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA	10	U		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA	10	U		NA		NA		NA
Pentachlorophenol	25	U		NA	25	U		NA		NA		NA
Phenanthrene	10	U		NA	10	U		NA		NA		NA
Phenol	10	U		NA	10	U		NA		NA		NA
Pyrene	10	U		NA	10	U		NA		NA		NA
Total PAH		NA		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	UJ		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA
Aldrin	0.050	U		NA		NA		NA		NA		NA
alpha-BHC	0.050	UJ		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	U		NA		NA		NA		NA		NA
delta-BHC	0.050	U		NA		NA		NA		NA		NA
Dieldrin	0.050	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U		NA		NA		NA		NA		NA
Endosulfan II	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA
Endrin	0.050	U		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA
gamma-BHC	0.050	UJ		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA
Heptachlor	0.020	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA		NA		NA		NA		NA
Methoxychlor	0.50	U		NA		NA		NA		NA		NA
Toxaphene	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-CRA8-07		OU2-MW-CRA8F-07		OU2-GW-08		MW-8-112090		MW-8-022791		MW-8-051791	
Sample Location	CRA-8		CRA-8		GW-08		MW-8		MW-8		MW-8	
Date Sampled	1/28/2003		1/28/2003		3/31/1999		11/20/1990		2/27/1991		5/17/1991	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		10.0-20.0		29.0-39.0		29.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	118	U	10.7	UJ		NA		NA		NA		NA
Antimony	3.5	U	3.5	U		NA		NA		NA		NA
Arsenic	6.5	U	2.3	U		NA		NA		NA		NA
Barium	48.9	U	57.4	U		NA	500	U	500	U	500	U
Beryllium	0.26	U	0.26	U		NA		NA		NA		NA
Cadmium	0.50	U	0.50	U		NA	150		140		150	
Calcium	59500		59600			NA		NA		NA		NA
Chromium	2150		1.4			NA	80.0		50.0	U	50.0	U
Chromium VI		NA		NA		NA	50.0	U	50.0		50.0	U
Cobalt	2.2	U	2.3	U		NA		NA		NA		NA
Copper	6.8	U	0.85	UJ		NA	680		410		360	
Cyanide		NA		NA		NA	10100		3020		90.0	
Iron	4580		302			NA	2080		780		130	
Lead	1.5	U	1.5	U		NA	50.0	U	50.0	U	50.0	U
Magnesium	5320		5320			NA		NA		NA		NA
Manganese	375		362			NA		NA		NA		NA
Mercury	0.10	U	0.10	U		NA		NA		NA		NA
Nickel	329		300			NA	1780		1350		1860	
Potassium	8820	J	8690	J		NA		NA		NA		NA
Selenium	2.1	U	2.1	U		NA		NA		NA		NA
Silver	0.80	UJ	0.80	UJ		NA		NA		NA		NA
Sodium	143000	J	142000	J		NA		NA		NA		NA
Thallium	5.7	UJ	4.0	U		NA		NA		NA		NA
Vanadium	16.8		0.80	U		NA		NA		NA		NA
Zinc	22.3	U	31.2	U		NA	14380		6210		9440	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA	34.0		56.0		17.0	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	1	U	2		1	U	1	U	2		1		1
1,1,2,2-Tetrachloroethane	1	U	1	U		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	1	U	1	U		NA		NA		NA		NA	
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U	1
1,1-Dichloroethene	1	U	1	U		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,2-Dichloroethane	1	U	1	U		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	1	U	1	U		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1	U	1	U		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane	1	U	1	U		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether	10	U	10	U		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA		NA	
Benzene	1	U	1	U		NA		NA		NA		NA	
Benzyl Chloride	10	U	10	U		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA		NA	
bis-(2-chloroisopropyl)ether	10	U	10	U		NA		NA		NA		NA	
Bromobenzene	1	U	1	U		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane	1	U	2			NA		NA		NA		NA	
Bromoform	1	U	1	U		NA		NA		NA		NA	
Bromomethane	10	U	10	U		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	1	U	1	U		NA		NA		NA		NA	
Chlorobenzene	1	U	1	U		NA		NA		NA		NA	
Chloroethane	10	U	10	U		NA		NA		NA		NA	
Chloroform	2		6		4		5		4		5		1
Chloromethane	10	U	10	U		NA		NA		NA		NA	
Chlorotoluene	1	U	1	U		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	1	U	1	U		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	1	U	1	U		NA		NA		NA		NA	
Dibromomethane	1	U	1	U		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA		NA	
Ethylbenzene	1	U	1	U	1	U	1	U	1	U		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene	1	U	1	U		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA		NA	
o-Xylene	1	U	1	U		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene	1	U	1		1	U	1	U	1	U	1	U	1
Tetrahydrofuran		NA		NA		NA		NA		NA		NA	
Toluene	1	U	1		1	U	1	U	1	U		NA	
Total Xylenes		NA		NA	1	U	1	U	1	U		NA	
trans-1,2-Dichloroethene	1	U	5		1	U	1	U	5		1	U	1
trans-1,3-Dichloropropene	1	U	1	U		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	128		58		301		100		40		370		12
Trichlorofluoromethane	1	U	1	U		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA		NA	
Vinyl Chloride	10	U	10	U		NA		NA		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-8-081691		MW-8-111891		MW-8-021892		MW-8-051892		MW-8-081892		MW-8-111992		MW-8-050193
Sample Location	MW-8		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled	8/16/1991		11/18/1991		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993
Interval	29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0		29.0-39.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium	500	U	500	U	500	U	500	U	500	U		NA	
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium	50.0		120		60.0		50.0		80.0		60.0		70.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium	50.0	U	60.0		50.0	U	80.0		90.0		150		140
Chromium VI	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		NA	
Cobalt		NA		NA		NA		NA		NA		NA	
Copper	860		960		620		1000		1000			NA	
Cyanide	1130		50.0	U	1100		1320		920		400		1300
Iron	2150		6400		3000		1500		520			NA	
Lead	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U		NA	
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel	2310		4800		4600		3700		3800		8440		1070
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc	5340		5200		3700		5600		3400		4320		1780
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride	52.0		210		74.0		31.0		24.0			NA	
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	U	1	U	1	U	1	U	10	U	10	U	10
1,1,2,2-Tetrachloroethane	NA		NA		NA	1	U	10	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA	10	U	10
1,1,2-Trichloroethane	NA		NA		NA	1	U	10	U	10	U	10
1,1-Dichloroethane	U	1	U	1	U	1	U	10	U	10	U	10
1,1-Dichloroethene	NA		NA		NA	1	U	10	U	0.9	U	0.9
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA	10	U	10
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA	10	U	10
1,2-Dibromoethane	NA		NA		NA		NA		NA	10	U	10
1,2-Dichlorobenzene	NA		NA		NA	1	U		NA	10	U	10
1,2-Dichloroethane	NA		NA		NA	9.5		10	U	10	U	10
1,2-Dichloroethene (total)	NA		NA		NA		NA	4	J		NA	
1,2-Dichloropropane	NA		NA		NA	1	U	10	U	10	U	10
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA	1	U		NA	10	U	10
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA	1	U		NA	10	U	10
1,4-Dioxane	NA		NA		NA		NA		NA		NA	100
1-Chlorohexane	NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA	10	U	10	U	10
2-Chloroethylvinylether	NA		NA		NA	10	U		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA	10	U	10	U	10
4-Chlorotoluene	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA	10	U	10	U	10
Acetone	NA		NA		NA		NA	10	UJ	10	U	10
Acrolein	NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA	10	U	10	U	10
Benzyl Chloride	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA	2.7		10	U	10	U	10
Bromoform	NA		NA		NA	1	U	10	U	10	U	10
Bromomethane	NA		NA		NA	10	U	10	U	10	U	10
Carbon Disulfide	NA		NA		NA		NA	10	U	10	U	10
Carbon Tetrachloride	NA		NA		NA	1	U	10	U	10	U	10
Chlorobenzene	NA		NA		NA	1	U	10	U	10	U	10
Chloroethane	NA		NA		NA	10	U	10	U	10	U	10
Chloroform		1		2		6		10	U	10	U	10
Chloromethane	NA		NA		NA	10	U	10	U	10	U	10
Chlorotoluene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA	1		1
cis-1,3-Dichloropropene	NA		NA		NA	1	U	10	U	10	U	10
Cyclohexane	NA		NA		NA		NA		NA	10	U	10
Dibromochloromethane	NA		NA		NA	1	U	10	U	10	U	10
Dibromomethane	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA	10	U		NA	10	UJ	10
Ethyl Ether	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA		NA	10	U	10
m&p-Xylene	NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA		NA	10	U	10
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA	10	U	10
Methylcyclohexane	NA		NA		NA		NA		NA	10	U	10
Methylene Chloride	NA		NA		NA	1	U	10	U	10	U	10
Naphthalene	NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA	10	U	10	U	10
tert-Butylbenzene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	U	1	U	3		1	U	10	U	10	U	10
Tetrahydrofuran	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA	10	U	10	U	10
Total Xylenes	NA		NA		NA		NA	10	U	10	U	10
trans-1,2-Dichloroethene	U	1	U	1	U		NA		NA	10	U	10
trans-1,3-Dichloropropene	NA		NA		NA	1	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene		46		184		130		48		42		42
Trichlorofluoromethane	NA		NA		NA	1	U		NA	10	U	10
Vinyl Acetate	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA	10	U	10	U	1	U	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	NA		NA		NA		NA		NA		NA	
Ethene	NA		NA		NA		NA		NA		NA	
Methane	NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA		NA	10	U	10
1,2,4-Trichlorobenzene	NA		NA		NA		NA	10	U		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA	10	U		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA	10	U		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA	10	U		NA	
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA	10	U	10	U	10
2,4,5-Trichlorophenol	NA		NA		NA		NA	25	U	25	U	25
2,4,6-Trichlorophenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dichlorophenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dimethylphenol	NA		NA		NA		NA	10	U	10	U	10
2,4-Dinitrophenol	NA		NA		NA		NA	25	U	25	U	25
2,4-Dinitrotoluene	NA		NA		NA		NA	10	U	10	U	10
2,6-Dinitrotoluene	NA		NA		NA		NA	10	U	10	U	10
2-Chloronaphthalene	NA		NA		NA		NA	10	U	10	U	10
2-Chlorophenol	NA		NA		NA		NA	10	U	10	U	10
2-Methylnaphthalene	NA		NA		NA		NA	10	U	10	U	10
2-Methylphenol	NA		NA		NA		NA	10	U	10	U	10
2-Nitroaniline	NA		NA		NA		NA	25	U	25	U	25
2-Nitrophenol	NA		NA		NA		NA	10	U	10	U	10
3,3'-Dichlorobenzidine	NA		NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
3-Nitroaniline	NA		NA		NA		NA	25	U	25	U	25
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA	25	U	25	U	25
4-Bromophenyl-phenylether	NA		NA		NA		NA	10	U	10	U	10
4-Chloro-3-methylphenol	NA		NA		NA		NA	10	U	10	U	10
4-Chloroaniline	NA		NA		NA		NA	10	U	10	UJ	10
4-Chlorophenyl-phenylether	NA		NA		NA		NA	10	U	10	U	10
4-Methylphenol	NA		NA		NA		NA	10	U	10	U	10
4-Nitroaniline	NA		NA		NA		NA	25	U	25	U	25
4-Nitrophenol	NA		NA		NA		NA	25	U	25	U	25
Acenaphthene	NA		NA		NA		NA	10	U	10	U	10
Acenaphthylene	NA		NA		NA		NA	10	U	10	U	10
Acetophenone	NA		NA		NA		NA		NA	10	U	10
Anthracene	NA		NA		NA		NA	10	U	10	U	10
Atrazine	NA		NA		NA		NA		NA	10	U	10
Benzaldehyde	NA		NA		NA		NA		NA	10	UJ	10
Benzo(a)anthracene	NA		NA		NA		NA	10	U	10	U	10
Benzo(a)pyrene	NA		NA		NA		NA	10	U	10	U	10
Benzo(b)fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Benzo(g,h,i)perylene	NA		NA		NA		NA	10	U	10	UJ	10
Benzo(k)fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethyl)ether	NA		NA		NA		NA	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA	10	U	10	U	10
Butylbenzylphthalate	NA		NA		NA		NA	10	U	10	U	10
Caprolactam	NA		NA		NA		NA		NA	10	U	10
Carbazole	NA		NA		NA		NA	10	U	10	U	10
Chrysene	NA		NA		NA		NA	10	U	10	U	10
Dibenzo(a,h)anthracene	NA		NA		NA		NA	10	U	10	UJ	10
Dibenzofuran	NA		NA		NA		NA	10	U	10	U	10
Diethylphthalate	NA		NA		NA		NA	10	U	10	U	10
Dimethylphthalate	NA		NA		NA		NA	10	U	10	U	10
Di-n-Butylphthalate	NA		NA		NA		NA	10	U	10	U	10
Di-n-octylphthalate	NA		NA		NA		NA	10	U	10	U	10
Fluoranthene	NA		NA		NA		NA	10	U	10	U	10
Fluorene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobenzene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorobutadiene	NA		NA		NA		NA	10	U	10	U	10
Hexachlorocyclopentadiene	NA		NA		NA		NA	10	U	10	U	10
Hexachloroethane	NA		NA		NA		NA	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Isophorone	NA		NA		NA		NA	10	U	10	U	10
Naphthalene	NA		NA		NA		NA	10	U	10	U	10
Nitrobenzene	NA		NA		NA		NA	10	U	10	U	10
N-Nitroso-di-n-propylamine	NA		NA		NA		NA	10	U	10	U	10
N-Nitroso-diphenylamine	NA		NA		NA		NA	10	U	10	U	10
Pentachlorophenol	NA		NA		NA		NA	25	U	25	U	25
Phenanthrene	NA		NA		NA		NA	10	U	10	U	10
Phenol	NA		NA		NA		NA	10	U	10	U	10
Pyrene	NA		NA		NA		NA	10	U	10	U	10
Total PAH	NA		NA		NA		NA	10	U		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA		NA	0.20	U	0.20
Benzo(a)anthracene	NA		NA		NA		NA		NA	0.20	U	0.20
Benzo(a)pyrene	NA		NA		NA		NA		NA	0.20	U	0.20
Benzo(b)fluoranthene	NA		NA		NA		NA		NA	0.20	U	0.20
Benzo(k)fluoranthene	NA		NA		NA		NA		NA	0.20	U	0.20
Chrysene	NA		NA		NA		NA		NA	0.20	U	0.20
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA	0.20	U	0.20
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA	0.20	U	0.20
Phenanthrene	NA		NA		NA		NA		NA	0.20	U	0.20
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	NA		NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDE	NA		NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDT	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Aldrin	NA		NA		NA		NA	0.050	U	0.050	U	0.050
alpha-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
alpha-Chlordane	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Aroclor, Total	NA		NA		NA		NA	1.1	U		NA	
Aroclor-1016	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1221	NA		NA		NA		NA	2.0	U	0.25	U	0.25
Aroclor-1232	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1242	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1248	NA		NA		NA		NA	1.0	U	1.0	U	1.0
Aroclor-1254	NA		NA		NA		NA	1.0	U	0.25	U	0.25
Aroclor-1260	NA		NA		NA		NA	1.0	U	0.25	U	0.25
Aroclor-1262	NA		NA		NA		NA	1.0	UJ	0.28	U	0.28
Aroclor-1268	NA		NA		NA		NA	1.0	U	1.0	U	1.0
beta-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
delta-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Dieldrin	NA		NA		NA		NA	0.10	U	0.050	U	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan I	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Endosulfan II	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endosulfan Sulfate	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endrin	NA		NA		NA		NA	0.10	U	0.050	U	0.050
Endrin Aldehyde	NA		NA		NA		NA	0.10	U	0.10	U	0.10
Endrin Ketone	NA		NA		NA		NA	0.10	U	0.10	U	0.10
gamma-BHC	NA		NA		NA		NA	0.050	U	0.050	U	0.050
gamma-Chlordane	NA		NA		NA		NA	0.050	U	0.050	U	0.050
Heptachlor	NA		NA		NA		NA	0.050	U	0.020	U	0.020
Heptachlor Epoxide	NA		NA		NA		NA	0.050	U	0.020	U	0.020
Methoxychlor	NA		NA		NA		NA	0.50	U	0.50	U	0.50
Toxaphene	NA		NA		NA		NA	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MW-8-080193		MW-8-111693		MW-8-120894		CP-MW-8-01		OU2-MW-8-07-AVG		OU2-MW-8-07
Sample Location		MW-8		MW-8		MW-8		MW-8		MW-8		MW-8
Date Sampled		8/1/1993		11/16/1993		12/8/1994		11/18/1997		12/20/2002		12/20/2002
Interval		29.0-39.0		29.0-39.0		29.0-39.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		Field Dup. OU2-MW-8-07		Field Dup. OU2-MW-8-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)												
Aluminum	NA		NA		NA		NA	6860	J	424		438
Antimony	NA		NA		NA		NA	4.0	U	3.7	U	3.7
Arsenic	NA		NA		NA		NA	6.0	U	3.2		3.4
Barium	NA		NA		NA		NA	20.0		2.4		3.2
Beryllium	NA		NA		NA		NA	1.0	U	0.10	U	0.10
Cadmium		40.0		80.0		10.0	U	45.4		11.8		11.8
Calcium	NA		NA		NA		NA	14700		5950		6000
Chromium		80.0		140		50.0		9.2		4.8		4.8
Chromium VI	NA		NA		NA		NA		NA		NA	
Cobalt	NA		NA		NA		NA	14.6		3.4		3.4
Copper	NA		NA		NA		NA	248		24.6		23.5
Cyanide		540		50.0	U	340			NA	4.5		4.1
Iron	NA		NA		NA		NA	197	U	13.7	U	13.7
Lead	NA		NA		NA		NA	4.4	J	2.1		2.3
Magnesium	NA		NA		NA		NA	6840		2650		2670
Manganese	NA		NA		NA		NA	499		107		110
Mercury	NA		NA		NA		NA	0.20	UJ	0.10	U	0.10
Nickel		2230		1910		2100		423	J	370		368
Potassium	NA		NA		NA		NA	3370		1560		2100
Selenium	NA		NA		NA		NA	3.0	U	3.3	U	3.3
Silver	NA		NA		NA		NA	1.0	U	0.70	U	0.70
Sodium	NA		NA		NA		NA	12300		5360		5380
Thallium	NA		NA		NA		NA	6.0	U	5.1	U	5.1
Vanadium	NA		NA		NA		NA	1.6		2.0		1.9
Zinc		1160		2450		2000		746	J	99.6		99.6
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA	2.0	U		NA	
Carbon Dioxide	NA		NA		NA		NA		NA		NA	
Chloride	NA		NA		NA	26.0		9.3			NA	
Ferrous Iron	NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA	2.51			NA	
Nitrite-N	NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA	99.4			NA	
Sulfide	NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	10	U	200	*	21		380	*	130	
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	10	UJ		NA	10	U		NA	10	U
1,1,2-Trichloroethane	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	U	10	U	13		10		37		13	
1,1-Dichloroethene	U	0.9	U	95		28		20		23	J
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	U	10	UJ		NA	10	U		NA	10	UJ
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	U	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	U	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	U	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	NA		NA	21			NA	170			NA
1,2-Dichloropropane	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U	10	U		NA	10	U		NA	10	U
1,4-Dioxane	UJ	100	UJ		NA	100	UJ		NA	100	UJ
1-Chlorohexane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	U	10	U	10	U	10	U	10	U	10	UJ
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	U	10	U	10	U	10	U	10	U	10	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	U	10	U	10	U	10	UJ	10	U	10	UJ
Acetone	U	10	U	10	U	10	U	10	U	10	U
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	U	10	U	10	U	10	U	10	U	10	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U	10	U	10	U	10	U	10	U
Bromoform	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	U	10	U	10	U	10	U	10	U	10	UJ
Carbon Tetrachloride	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	U	10	U	10	U	3	J	10	U	2	J
Chloroethane	U	10	U	10	U	10	U	10	U	10	U
Chloroform	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	U	10	U	10	U	10	U	10	U	10	U
Chlorotoluene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	J	1	J		NA	7	J		NA	61	
cis-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane	U	10	U		NA	10	U		NA	10	U
Dibromochloromethane	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	UJ	10	UJ		NA	10	UJ		NA	10	U
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	U	10	U		NA	10	U		NA	10	U
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	U	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	U	10	U		NA	10	U		NA	10	U
Methylcyclohexane	U	10	U		NA	10	U		NA	10	U
Methylene Chloride	U	10	U	10	U	10	UJ	10	U	10	UJ
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	U	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	10	U	2	J	10	U	10	U	10	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	U	10	U	10	U	10	U	17		10	U
Total Xylenes	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	U	10	U		NA	10	U		NA	10	UJ
trans-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Trichloroethene		41		290	*	74		68		55	
Trichlorofluoromethane	U	10	U		NA	10	U		NA	10	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	U	1	U	10	U	1	U	4	J	2	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA	10.0	U		NA	10.0	U
Ethene	NA		NA		NA	10.0	U		NA	10.0	U
Methane	NA		NA		NA	5.0	U		NA	41.0	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	NA		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	NA		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene	NA		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene	NA		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	U	25	U		R	25	UJ		R	25	UJ
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
3-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	UJ	10	U	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	U	25	UJ	25	U	25	U	25	U	25	U
4-Nitrophenol	U	25	U	2	J	3	J	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	UJ
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	U	10	U		NA	10	U		NA	10	U
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	U	10	U		NA	10	UJ		NA	10	UJ
Benzaldehyde	UJ	10	UJ		NA	10	U		NA	10	U
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	UJ	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	U	10	U		NA	10	U		NA	10	U
Carbazole	U	10	U	10	U	10	U	10	U	10	U
Chrysene	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	UJ	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	U	10	U	10	U	1	J	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	U	10	UJ	10	U	10	UJ
Hexachloroethane	U	10	U	10	U	10	U	1	J	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	10	U	10	U	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	U	10	U
Total PAH	NA		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	U	0.20	U		NA	0.20	UJ		NA	0.20	UJ
Benzo(b)fluoranthene	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	U	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	U	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	U	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	U	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	U	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U		R	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	U	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	U	0.28	U	1.0	U	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.050	U		R	0.050	U	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	U	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA	1.8	UEMPC		NA	1.8	U
1,2,3,4,6,7,8-HpCDF	NA		NA		NA	0.70	U		NA	1.1	U
1,2,3,4,7,8,9-HpCDF	NA		NA		NA	1.0	U		NA	1.3	U
1,2,3,4,7,8-HxCDD	NA		NA		NA	0.80	U		NA	1.0	U
1,2,3,4,7,8-HxCDF	NA		NA		NA	2.0	UEMPC		NA	0.70	U
1,2,3,6,7,8-HxCDD	NA		NA		NA	0.80	U		NA	1.0	U
1,2,3,6,7,8-HxCDF	NA		NA		NA	0.50	U		NA	2.8	U
1,2,3,7,8,9-HxCDD	NA		NA		NA	0.70	U		NA	1.0	U
1,2,3,7,8,9-HxCDF	NA		NA		NA	0.60	U		NA	3.4	U
1,2,3,7,8-PeCDD	NA		NA		NA	0.60	U		NA	0.90	U
1,2,3,7,8-PeCDF	NA		NA		NA	0.30	U		NA	1.9	UEMPC
2,3,4,6,7,8-HxCDF	NA		NA		NA	0.50	U		NA	6.0	U
2,3,4,7,8-PeCDF	NA		NA		NA	0.40	U		NA	3.0	UEMPC
2,3,7,8-TCDD	NA		NA		NA	0.50	U		NA	0.80	U
2,3,7,8-TCDF	NA		NA		NA	0.40	U		NA	0.70	U
OCDD	NA		NA		NA	11.6	J		NA	17.2	U
OCDF	NA		NA		NA	1.7	U		NA	2.0	U
Total HpCDD	NA		NA		NA	1.8	UEMPC		NA	1.8	UJ
Total HpCDF	NA		NA		NA	0.80	UJ		NA	1.2	UJ
Total HxCDD	NA		NA		NA	4.7	UEMPC		NA	1.0	UJ
Total HxCDF	NA		NA		NA	2.0	UEMPC		NA	28.2	UJ
Total PeCDD	NA		NA		NA	0.60	UJ		NA	0.90	UJ
Total PeCDF	NA		NA		NA	0.40	UJ		NA	4.9	UEMPC
Total TCDD	NA		NA		NA	0.50	UJ		NA	0.80	UJ
Total TCDF	NA		NA		NA	1.2	UJ		NA	0.70	UJ
Toxicity Equivalency	NA		NA		NA	0.0012	J		NA	0.00	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-DUP09-07		OU1-PC-08B-01		OU1-MW-PC08B-07		OU1-PC-08D-01		OU1-MW-PC08D-07	
Sample Location		MW-8		MW-PC08B		MW-PC08B		MW-PC08D		MW-PC08D	
Date Sampled		12/20/2002		12/5/1997		1/29/2003		12/5/1997		1/29/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-8-07		None		None		None		None	
Zone		Overburden		Bedrock		Bedrock		Overburden		Overburden	
TAL Metal Analysis (UG/L)											
Aluminum		409		348	J	63.7	U	92.3	U	31.6	U
Antimony	U	3.7	U	50.0	U	3.5	U	50.0	U	3.5	U
Arsenic	J	2.9		1.0	U	2.3	U	31.2		33.9	
Barium		3.0	U	25.4	J	24.6	U	48.3		56.3	U
Beryllium	U	0.10	U	1.0	U	0.36	U	1.0	U	0.28	U
Cadmium		11.8		2.0	U	0.50	U	2.0	U	0.50	U
Calcium		5900		24900		25900		12100		18200	
Chromium		4.9		26.2	J	7.7		5.0	U	0.55	J
Chromium VI	NA		NA		NA		NA		NA		NA
Cobalt		3.5		17.2		2.2	U	5.0	J	3.3	U
Copper		25.6		14.8		1.8	U	2.0	U	1.1	UJ
Cyanide	J	5.0	J		NA		NA		NA		NA
Iron	U	13.7	U	419	J	746		8660		7620	
Lead	U	3.0	J	4.6	UJ	1.6	UJ	1.1	UJ	2.0	UJ
Magnesium		2630		3860		3810		11700		12400	
Manganese		104		61.1	J	467		2150		2890	
Mercury	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel		372		21.8		80.9		13.5	J	6.2	
Potassium		2060	U	2550	J	2160	J	3700		4440	J
Selenium	U	3.3	U	1.1	UJ	2.1	U	1.0	UJ	2.1	U
Silver	U	0.70	U	3.0	UJ	0.80	UJ	3.0	U	0.80	UJ
Sodium		5340		19500	J	111000	J	110000		97800	J
Thallium	U	5.1	U	1.0	UJ	4.0	U	1.0	U	5.5	UJ
Vanadium		2.1		3.9	J	0.88	UJ	3.0	U	0.80	U
Zinc		99.5		6.2	UJ	30.8	U	4.0	U	12.6	U
Wet Chemistry Analysis											
Alkalinity	NA		NA	69.6		48.0		135		152	
Carbon Dioxide	NA		NA		NA	49.8			NA	166	
Chloride	NA		NA	31.8		247		237		32.2	
Ferrous Iron	NA		NA		NA	0.27			NA	2.89	
Nitrate	NA		NA		NA	0.075			NA	0.060	
Nitrate-Nitrite (as N)	NA		NA	1.13			NA	0.10	U		NA
Nitrite-N	NA		NA		NA	0.050	U		NA	0.050	U
Sulfate	NA		NA	38.7		22.8		58.6		115	
Sulfide	NA		NA		NA	0.50	U		NA	0.50	U
Total Organic Carbon	NA		NA		NA	2.72			NA	9.48	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA	5	U	5	U	10	U
1,1,1-Trichloroethane	710		400		200		140		300		440	
1,1,2,2-Tetrachloroethane	50	U	25	U	10	U	5	U	5	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U	5	U	5	U	10	U
1,1,2-Trichloroethane	50	U	25	U	10	U	5	U	5	U	10	U
1,1-Dichloroethane	87		62		25		36		66		95	
1,1-Dichloroethene	18	J	11	J	27		90		190		280	
1,1-Dichloropropene		NA		NA		NA	5	U	5	U	10	U
1,2,3-Trichlorobenzene		NA		NA		NA	5	U	5	U	10	U
1,2,3-Trichloropropane		NA		NA		NA	5	U	5	U	10	U
1,2,4-Trichlorobenzene		NA		NA	10	U	5	U	5	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA	5	U	5	U	10	U
1,2-Dibromo-3-chloropropane		NA		NA	10	U	5	U	5	U	10	U
1,2-Dibromoethane		NA		NA	10	U	5	U	5	U	10	U
1,2-Dichlorobenzene		NA		NA	10	U	5	U	5	U	10	U
1,2-Dichloroethane	50	U	25	U	10	U	5	U	5	U	10	U
1,2-Dichloroethene (total)	250		210			NA		NA		NA		NA
1,2-Dichloropropane	50	U	25	U	10	U	5	U	5	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA	5	U	5	U	10	U
1,3-Dichlorobenzene		NA		NA	10	U	5	U	5	U	10	U
1,3-Dichloropropane		NA		NA		NA	5	U	5	U	10	U
1,4-Dichlorobenzene		NA		NA	10	U	5	U	5	U	10	U
1,4-Dioxane		NA		NA	100	UJ		NA		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	5	U	5	U	10	U
2-Butanone	50	U	25	UJ	10	U	20	U	20	U	40	U
2-Chloroethylvinylether		NA		NA		NA	15	U	15	U	30	U
2-Chlorotoluene		NA		NA		NA	5	U	5	U	10	U
2-Hexanone	50	U	25	UJ	10	U	3	U	3	U	6	U
4-Chlorotoluene		NA		NA		NA	5	U	5	U	10	U
4-Methyl-2-Pentanone	50	U	25	UJ	10	UJ	2.5	U	2.5	U	5	U
Acetone	200	U	25	UJ	10	U	10	U	13	B	26	B
Acrolein		NA		NA		NA	50	U	50	U	100	U
Acrylonitrile		NA		NA		NA	25	U	25	U	50	U
Benzene	50	U	25	U	10	U	5	U	5	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA	5	U	5	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA	5	U	5	U	10	U
Bromodichloromethane	50	U	25	U	10	U	5	U	5	U	10	U
Bromoform	50	U	25	U	10	U	5	U	5	U	10	U
Bromomethane	50	UJ	25	U	10	U	5	U	5	U	10	U
Carbon Disulfide	50	U	25	U	10	U	15	U	15	U	30	U
Carbon Tetrachloride	50	UJ	25	U	10	U	5	U	5	U	10	U
Chlorobenzene	50	U	25	U	2	J	5	U	5	U	10	U
Chloroethane	50	U	25	U	10	U	5	U	5	U	10	U
Chloroform	50	U	25	U	10	U	9		9.3		10	U
Chloromethane	50	U	25	UJ	10	U	5	U	5	U	5	L
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA	70		49		95		110	
cis-1,3-Dichloropropene	50	U	25	U	10	U	5	U	5	U	10	U
Cyclohexane		NA		NA	10	U		NA		NA		NA
Dibromochloromethane	50	U	25	U	10	U	5	U	5	U	10	U
Dibromomethane		NA		NA		NA	5	U	5	U	10	U
Dichlorodifluoromethane		NA		NA	10	UJ	5	U	5	U	10	U
Ethyl Ether		NA		NA		NA	15	U	15	U	30	U
Ethylbenzene	50	U	25	U	10	U	5	U	5	U	10	U
Hexachlorobutadiene		NA		NA		NA	5	U	5	U	10	U
Isopropylbenzene		NA		NA	10	U	5	U	5	U	10	U
m&p-Xylene		NA		NA		NA	10	U	10	U	20	U
Methyl Acetate		NA		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA	10	U	5	U	2.6	L	10	U
Methylcyclohexane		NA		NA	10	U		NA		NA		NA
Methylene Chloride	50	U	25	U	10	UJ	5	U	5	U	10	U
Naphthalene		NA		NA		NA	5	U	5	U	10	U
n-Butylbenzene		NA		NA		NA	5	U	5	U	10	U
n-Propylbenzene		NA		NA		NA	5	U	5	U	10	U
o-Xylene		NA		NA		NA	5	U	5	U	10	U
p-Isopropyltoluene		NA		NA		NA	5	U	5	U	10	U
sec-Butylbenzene		NA		NA		NA	5	U	5	U	10	U
Styrene	50	U	25	U	10	U	5	U	5	U	10	U
tert-Butylbenzene		NA		NA		NA	5	U	5	U	10	U
Tetrachloroethene	50	U	25	U	10	U	5	U	5	U	10	U
Tetrahydrofuran		NA		NA		NA	35	U	35	U	70	U
Toluene	50	U	25	U	10	U	5	U	5	U	10	U
Total Xylenes	50	U	25	U	10	U		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA	10	U	5	U	5	U	10	U
trans-1,3-Dichloropropene	50	U	25	U	10	U	5	U	5	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	50	U	4	J	6	J	55		110		140	
Trichlorofluoromethane		NA		NA	10	U	5	U	5	U	10	U
Vinyl Acetate		NA		NA		NA	30	U	30	U	60	U
Vinyl Chloride	15	J	19	J	14		5	U	5	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA	10.0	U		NA		NA		NA
Ethene		NA		NA	10.0	U		NA		NA		NA
Methane		NA		NA	120			NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA		NA
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA		NA
2,4-Dinitrophenol		R	25	U	25	UJ		NA		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U		NA		NA		NA
2-Chloronaphthalene	10	U	10	U	10	U		NA		NA		NA
2-Chlorophenol	10	U	10	U	10	U		NA		NA		NA
2-Methylnaphthalene	10	U	10	U	10	U		NA		NA		NA
2-Methylphenol	10	U	10	U	10	U		NA		NA		NA
2-Nitroaniline	25	U	25	U	25	U		NA		NA		NA
2-Nitrophenol	10	U	10	U	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA		NA
4-Chloroaniline	10	U	10	U	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA		NA		NA
4-Methylphenol	10	U	10	U	10	U		NA		NA		NA
4-Nitroaniline	25	U	25	UJ	25	U		NA		NA		NA
4-Nitrophenol	25	U	25	UJ	25	U		NA		NA		NA
Acenaphthene	10	U	10	U	10	UJ		NA		NA		NA
Acenaphthylene	10	U	10	U	10	U		NA		NA		NA
Acetophenone		NA		NA	10	U		NA		NA		NA
Anthracene	10	U	10	U	10	U		NA		NA		NA
Atrazine		NA		NA	10	UJ		NA		NA		NA
Benzaldehyde		NA		NA	10	U		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U		NA		NA		NA
Benzo(a)pyrene	10	U	10	U	10	U		NA		NA		NA
Benzo(b)fluoranthene	10	U	10	U	10	U		NA		NA		NA
Benzo(g,h,i)perylene	10	U	10	U	10	U		NA		NA		NA
Benzo(k)fluoranthene	10	U	10	U	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA		NA		NA
Butylbenzylphthalate	10	U	10	U	10	U		NA		NA		NA
Caprolactam		NA		NA	10	U		NA		NA		NA
Carbazole	10	U	10	U	10	U		NA		NA		NA
Chrysene	10	U	10	U	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA		NA		NA
Dibenzofuran	10	U	10	U	10	U		NA		NA		NA
Diethylphthalate	10	U	10	U	140	*		NA		NA		NA
Dimethylphthalate	10	U	10	U	10	U		NA		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U		NA		NA		NA
Di-n-octylphthalate	10	U	10	U	10	U		NA		NA		NA
Fluoranthene	10	U	10	UJ	10	U		NA		NA		NA
Fluorene	10	U	10	U	10	U		NA		NA		NA
Hexachlorobenzene	10	U	10	U	10	U		NA		NA		NA
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA		NA
Hexachlorocyclopentadiene	10	U	10	U	10	UJ		NA		NA		NA
Hexachloroethane	10	U	10	U	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U		NA		NA		NA
Naphthalene	1	J	10	U	10	U		NA		NA		NA
Nitrobenzene	10	U	10	U	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA		NA		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA		NA		NA
Pentachlorophenol	25	UJ	25	U	25	U		NA		NA		NA
Phenanthrene	10	U	0.7	J	10	U		NA		NA		NA
Phenol	10	U	10	U	10	U		NA		NA		NA
Pyrene	10	U	10	U	10	U		NA		NA		NA
Total PAH	1		0.7			NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA		NA	0.20	UJ		NA		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA		NA
Phenanthrene		NA		NA	0.24			NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA		NA		NA
4,4'-DDE		R	0.10	U	0.10	U		NA		NA		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA		NA		NA
Aldrin	0.050	U	0.050	U	0.050	U		NA		NA		NA
alpha-BHC	0.050	U	0.050	U	0.050	UJ		NA		NA		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA		NA		NA
Aroclor, Total	1.1	U	1.1	U		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U		NA		NA		NA
Aroclor-1221	2.0	U	2.0	U	0.25	U		NA		NA		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U		NA		NA		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U		NA		NA		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U		NA		NA		NA
Aroclor-1254	1.0	U	1.0	U	0.25	U		NA		NA		NA
Aroclor-1260	1.0	U	1.0	U	0.25	U		NA		NA		NA
Aroclor-1262	1.0	U	1.0	U	0.28	U		NA		NA		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U		NA		NA		NA
beta-BHC	0.050	U	0.050	U	0.050	U		NA		NA		NA
delta-BHC	0.050	U	0.050	U	0.050	U		NA		NA		NA
Dieldrin		R	0.10	U	0.050	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U		NA		NA		NA
Endosulfan II	0.10	U	0.10	U	0.10	U		NA		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA		NA		NA
Endrin	0.10	U	0.10	U	0.050	U		NA		NA		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA		NA		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA		NA		NA
gamma-BHC	0.050	U		R	0.050	UJ		NA		NA		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA		NA		NA
Heptachlor	0.050	U	0.050	U	0.020	U		NA		NA		NA
Heptachlor Epoxide	0.050	U	0.050	U	0.020	U		NA		NA		NA
Methoxychlor	0.50	U	0.50	U	0.50	U		NA		NA		NA
Toxaphene	5.0	U	5.0	U	5.0	U		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA	1.9	U		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	1.0	U		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	1.4	UEMPC		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA	2.1	U		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA	2.8	UEMPC		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA	2.2	UEMPC		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA	3.0	U		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA	2.5	UEMPC		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA	2.6	U		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA	0.80	U		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA	3.0	U		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA	2.1	UEMPC		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA	2.8	U		NA		NA		NA
2,3,7,8-TCDD		NA		NA	0.80	U		NA		NA		NA
2,3,7,8-TCDF		NA		NA	0.60	U		NA		NA		NA
OCDD		NA		NA	6.8	EMPC		NA		NA		NA
OCDF		NA		NA	2.3	U		NA		NA		NA
Total HpCDD		NA		NA	1.9	UJ		NA		NA		NA
Total HpCDF		NA		NA	1.4	UEMPC		NA		NA		NA
Total HxCDD		NA		NA	9.1	UEMPC		NA		NA		NA
Total HxCDF		NA		NA	10.5	UEMPC		NA		NA		NA
Total PeCDD		NA		NA	0.80	UJ		NA		NA		NA
Total PeCDF		NA		NA	5.8	UJ		NA		NA		NA
Total TCDD		NA		NA	0.80	UJ		NA		NA		NA
Total TCDF		NA		NA	0.60	UJ		NA		NA		NA
Toxicity Equivalency		NA		NA	0.00068	J		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-08S-01		OU1-PC-08S-02		OU1-MW-PC08S-07		RM-GW09-0016		RM-GW09-0021		RM-GW09-0026	
Sample Location	MW-PC08S		MW-PC08S		MW-PC08S		9		9		9	
Date Sampled	12/5/1997		12/1/1998		1/29/2003		2/22/2002		2/22/2002		2/22/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-16.0		0.0-21.0		0.0-26.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	909	J	49.1		22.7	U		NA		NA		NA
Antimony	50.0	U	4.0	U	3.5	U		NA		NA		NA
Arsenic	16.8		20.2		16.8			NA		NA		NA
Barium	76.6	J	52.8		78.3	U		NA		NA		NA
Beryllium	1.0	U	0.60	U	0.24	U		NA		NA		NA
Cadmium	2.0	U	0.40	U	0.50	U		NA		NA		NA
Calcium	23500		18300		17600			NA		NA		NA
Chromium	16.1	J	0.90	U	0.50	U		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	3.0	J	3.2	U	2.0	U		NA		NA		NA
Copper	31.5		2.3	U	0.80	U		NA		NA		NA
Cyanide		NA	1.9			NA		NA		NA		NA
Iron	10100	J	6740		6760			NA		NA		NA
Lead	45.4	J	8.3		2.1	UJ		NA		NA		NA
Magnesium	13300		11400		11800			NA		NA		NA
Manganese	1730	J	1420		1510			NA		NA		NA
Mercury	0.10	U	0.10	U	0.10	U		NA		NA		NA
Nickel	17.1	J	4.9		4.2			NA		NA		NA
Potassium	4510	J	4820		5030	J		NA		NA		NA
Selenium	1.1	UJ	1.9	U	2.1	U		NA		NA		NA
Silver	3.0	UJ	1.1	U	0.80	UJ		NA		NA		NA
Sodium	95000	J	95200		82900	J		NA		NA		NA
Thallium	1.0	UJ	3.6	U	4.0	U		NA		NA		NA
Vanadium	4.2	J	2.9	U	0.80	U		NA		NA		NA
Zinc	9.5	UJ	2.8		12.3	U		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	142		130		154			NA		NA		NA
Carbon Dioxide		NA		NA	174			NA		NA		NA
Chloride	63.5		46.8		25.1			NA		NA		NA
Ferrous Iron		NA		NA	2.74			NA		NA		NA
Nitrate		NA		NA	0.050	U		NA		NA		NA
Nitrate-Nitrite (as N)	0.10	U	0.050	UJ		NA		NA		NA		NA
Nitrite-N		NA		NA	0.050	U		NA		NA		NA
Sulfate	118		94.0	J	117			NA		NA		NA
Sulfide		NA		NA	0.50	U		NA		NA		NA
Total Organic Carbon		NA		NA	6.97			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	10	U	10	U		NA		NA		NA		NA	
1,1,1-Trichloroethane	690		760		12		25		13		17		2
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	1	U		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA		NA		NA	
1,1,2-Trichloroethane	10	U	10	U	10	U	9			NA		NA	
1,1-Dichloroethane	140		130		6	J	34		35		30		1
1,1-Dichloroethene	470		500		4	J	3			NA		NA	
1,1-Dichloropropene	10	U	10	U		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	10	U	10	U		NA		NA		NA		NA	
1,2,3-Trichloropropane	10	U	10	U		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	10	U	10	U		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA		NA		NA	
1,2-Dibromoethane	10	U	10	U		NA		NA		NA		NA	
1,2-Dichlorobenzene	10	U	10	U		NA	1	U		NA		NA	
1,2-Dichloroethane	10	U	10	U	10	U	2			NA		NA	
1,2-Dichloroethene (total)		NA		NA	8	J		NA		NA		NA	
1,2-Dichloropropane	10	U	10	U	10	U	1	U		NA		NA	
1,3,5-Trimethylbenzene	10	U	10	U		NA		NA		NA		NA	
1,3-Dichlorobenzene	10	U	10	U		NA	1	U		NA		NA	
1,3-Dichloropropane	10	U	10	U		NA		NA		NA		NA	
1,4-Dichlorobenzene	10	U	10	U		NA	1	U		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA	1	U		NA		NA	
2,2-Dichloropropane	10	U	10	U		NA		NA		NA		NA	
2-Butanone	40	U	40	U	10	U		NA		NA		NA	
2-Chloroethylvinylether	30	U	30	U		NA	10	U		NA		NA	
2-Chlorotoluene	10	U	10	U		NA		NA		NA		NA	
2-Hexanone	6	U	6	U	10	UJ		NA		NA		NA	
4-Chlorotoluene	10	U	10	U		NA		NA		NA		NA	
4-Methyl-2-Pentanone	5	U	5	U	10	UJ		NA		NA		NA	
Acetone	20	U	26	B	14	UJ		NA		NA		NA	
Acrolein	100	U	100	U		NA		NA		NA		NA	
Acrylonitrile	50	U	50	U		NA		NA		NA		NA	
Benzene	10	U	10	U	10	U	1	U		NA		NA	
Benzyl Chloride		NA		NA		NA	10	U		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA	10	U		NA		NA	
bis-(2-chloroisopropyl)ether		NA		NA		NA	10	U		NA		NA	
Bromobenzene	10	U	10	U		NA	1	U		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromochloromethane	10	U	10	U		NA		NA		NA		NA	
Bromodichloromethane	10	U	10	U	10	U	1	U		NA		NA	
Bromoform	10	U	10	U	10	U	1	U		NA		NA	
Bromomethane	10	U	10	U	10	U	10	U		NA		NA	
Carbon Disulfide	30	U	30	U	10	U		NA		NA		NA	
Carbon Tetrachloride	10	U	10	U	10	U	1	U		NA		NA	
Chlorobenzene	10	U	10	U	10	U	1	U		NA		NA	
Chloroethane	10	U	10	U	10	U	10	U		NA		NA	
Chloroform	10	U	10	U	10	U	1	U	1	U	1	U	1
Chloromethane	10	U	10	U	10	U	10	U		NA		NA	
Chlorotoluene		NA		NA		NA	1	U		NA		NA	
cis-1,2-Dichloroethene	170		190			NA		NA		NA		NA	
cis-1,3-Dichloropropene	10	U	10	U	10	U	1	U		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	10	U	10	U	10	U	1	U		NA		NA	
Dibromomethane	10	U	10	U		NA	1	U		NA		NA	
Dichlorodifluoromethane	10	U	10	U		NA		NA		NA		NA	
Ethyl Ether	30	U	30	U		NA		NA		NA		NA	
Ethylbenzene	10	U	10	U	10	U	1	U	1	U	1	U	1
Hexachlorobutadiene	10	U	10	U		NA		NA		NA		NA	
Isopropylbenzene	10	U	10	U		NA		NA		NA		NA	
m&p-Xylene	20	U	20	U		NA	1	U		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	10	U	10	U		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	10	U	10	U	10	U	1	U		NA		NA	
Naphthalene	10	U	10	U		NA		NA		NA		NA	
n-Butylbenzene	10	U	10	U		NA		NA		NA		NA	
n-Propylbenzene	10	U	10	U		NA		NA		NA		NA	
o-Xylene	10	U	10	U		NA	1	U		NA		NA	
p-Isopropyltoluene	10	U	10	U		NA		NA		NA		NA	
sec-Butylbenzene	10	U	10	U		NA		NA		NA		NA	
Styrene	10	U	10	U	10	U		NA		NA		NA	
tert-Butylbenzene	10	U	10	U		NA		NA		NA		NA	
Tetrachloroethene	10	U	10	U	10	U	4		1	U	1	U	1
Tetrahydrofuran	70	U	70	U		NA		NA		NA		NA	
Toluene	10	U	10	U	10	U	1	U	1	U	1	U	1
Total Xylenes		NA		NA	10	U		NA	1	U	1	U	1
trans-1,2-Dichloroethene	10	U	10	U		NA	3		876		799		904
trans-1,3-Dichloropropene	10	U	10	U	10	U	1	U		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	200		200		4	J	271		152		160		187
Trichlorofluoromethane	10	U	10	U		NA	1	U		NA		NA	
Vinyl Acetate	60	U	60	U		NA		NA		NA		NA	
Vinyl Chloride	10	U	10	U	10	U	10	U		NA		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA	10	U		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA	25	U		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA	10	U		NA		NA		NA	
2,4-Dichlorophenol		NA		NA	10	U		NA		NA		NA	
2,4-Dimethylphenol		NA		NA	10	U		NA		NA		NA	
2,4-Dinitrophenol		NA		NA	25	U		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA	10	U		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA	10	U		NA		NA		NA	
2-Chloronaphthalene		NA		NA	10	U		NA		NA		NA	
2-Chlorophenol		NA		NA	10	U		NA		NA		NA	
2-Methylnaphthalene		NA		NA	10	U		NA		NA		NA	
2-Methylphenol		NA		NA	10	U		NA		NA		NA	
2-Nitroaniline		NA		NA	25	U		NA		NA		NA	
2-Nitrophenol		NA		NA	10	U		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA	10	U		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
3-Nitroaniline		NA		NA	25	UJ		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA	25	U		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA	10	U		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA	10	U		NA		NA		NA	
4-Chloroaniline		NA		NA	10	UJ		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA	10	U		NA		NA		NA	
4-Methylphenol		NA		NA	10	U		NA		NA		NA	
4-Nitroaniline		NA		NA	25	UJ		NA		NA		NA	
4-Nitrophenol		NA		NA	25	U		NA		NA		NA	
Acenaphthene		NA		NA	10	U		NA		NA		NA	
Acenaphthylene		NA		NA	10	U		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA	10	U		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA	10	U		NA		NA		NA	
Benzo(a)pyrene		NA		NA	10	U		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA	10	U		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA	10	U		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA	10	U		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA	10	U		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA	10	U		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA	10	U		NA		NA		NA	
Butylbenzylphthalate		NA		NA	10	U		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA	10	UJ		NA		NA		NA	
Chrysene		NA		NA	10	U		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA	10	U		NA		NA		NA	
Dibenzofuran		NA		NA	10	U		NA		NA		NA	
Diethylphthalate		NA		NA	10	U		NA		NA		NA	
Dimethylphthalate		NA		NA	10	U		NA		NA		NA	
Di-n-Butylphthalate		NA		NA	10	U		NA		NA		NA	
Di-n-octylphthalate		NA		NA	10	U		NA		NA		NA	
Fluoranthene		NA		NA	10	U		NA		NA		NA	
Fluorene		NA		NA	10	U		NA		NA		NA	
Hexachlorobenzene		NA		NA	10	U		NA		NA		NA	
Hexachlorobutadiene		NA		NA	10	U		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA	10	U		NA		NA		NA	
Hexachloroethane		NA		NA	10	U		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA	10	U		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Isophorone		NA		NA	10	U		NA		NA		NA	
Naphthalene		NA		NA	10	U		NA		NA		NA	
Nitrobenzene		NA		NA	10	U		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA	10	U		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA	10	U		NA		NA		NA	
Pentachlorophenol		NA		NA	25	U		NA		NA		NA	
Phenanthrene		NA		NA	10	U		NA		NA		NA	
Phenol		NA		NA	10	U		NA		NA		NA	
Pyrene		NA		NA	10	U		NA		NA		NA	
Total PAH		NA		NA	10	U		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW09-0036		RM-GW09-0046		OU2-GW-09		MW-9-112090		MW-9-021892		MW-9-051892		MW-9-081892
Sample Location	9		9		GW-09		MW-9		MW-9		MW-9		MW-9
Date Sampled	2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992		8/18/1992
Interval	0.0-36.0		0.0-46.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium		NA		NA		NA	500	U	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium		NA		NA		NA	670		680		680		460
Calcium		NA		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA	50.0	U	50.0	U	50.0	U	50.0
Chromium VI		NA		NA		NA	50.0	U	50.0	U	50.0	U	50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper		NA		NA		NA	60.0		50.0		50.0		50.0
Cyanide		NA		NA		NA	4600		230		620		690
Iron		NA		NA		NA	60.0		50.0	U	50.0	U	120
Lead		NA		NA		NA	50.0	U	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel		NA		NA		NA	3200		2800		3000		2200
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc		NA		NA		NA	3660		3100		3800		2300
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA	18.0		120		15.0		11.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		10	U	10	U	10	U	3000		3000	
1,1,2,2-Tetrachloroethane	NA	10	U	10	U	10	U	200	U	200	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	10	U	10	U	10	U		NA		NA
1,1,2-Trichloroethane	NA	10	U	10	U	10	U	200	U	200	U
1,1-Dichloroethane	U	2		2	J	2	J	57	J	200	U
1,1-Dichloroethene	NA	0.9	U	0.9	U	0.9	U	300		190	J
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA	10	UJ	10	UJ	10	UJ		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		R		R		R		NA		NA
1,2-Dibromoethane	NA	10	U	10	U	10	U		NA		NA
1,2-Dichlorobenzene	NA	10	U	10	U	10	U		NA		NA
1,2-Dichloroethane	NA	10	U	10	U	10	U	200	U	200	U
1,2-Dichloroethene (total)	NA		NA		NA		NA	360		380	
1,2-Dichloropropane	NA	10	U	10	U	10	U	200	U	200	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA	10	U	10	U	10	U		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA	10	U	10	U	10	U		NA		NA
1,4-Dioxane	NA		NA	100	UJ	100	UJ		NA		NA
1-Chlorohexane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	NA	10	U	10	U	10	U	200	U	200	UJ
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	NA	10	UJ	10	UJ	10	UJ	200	U	200	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA	10	U	10	U	10	U		R	200	UJ
Acetone	NA	10	U	10	U	10	U	200	U	200	UJ
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	NA	10	U	10	U	10	U	200	U	200	U
Benzyl Chloride	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA	10	U	10	U	10	U	200	U	200	U
Bromoform	NA	10	U	10	U	10	U	200	U	200	U
Bromomethane	NA	10	U	10	U	10	U	200	U	200	U
Carbon Disulfide	NA	10	U	10	U	10	U	200	UJ	200	U
Carbon Tetrachloride	NA	10	U	10	U	10	U	200	U	200	U
Chlorobenzene	NA	10	U	10	U	10	U	200	U	200	U
Chloroethane	NA	10	U	10	U	10	U	200	U	200	U
Chloroform	U	10	U	10	U	10	U	200	U	200	U
Chloromethane	NA	10	U	10	U	10	U	200	UJ	200	UJ
Chlorotoluene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA	4		4	J	4	J		NA		NA
cis-1,3-Dichloropropene	NA	10	U	10	U	10	U	200	U	200	U
Cyclohexane	NA	10	U	10	U	10	U		NA		NA
Dibromochloromethane	NA	10	U	10	U	10	U	200	U	200	U
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA	10	U	10	U	10	U		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	U	10	U	10	U	10	U	200	U	200	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA	10	U	10	U	10	U		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	NA	10	U	10	U	10	U		NA		NA
Methyl tert-Butyl Ether	NA	10	U	10	U	10	U		NA		NA
Methylcyclohexane	NA	10	U	10	U	10	U		NA		NA
Methylene Chloride	NA	10	U	10	U	10	U	200	U	200	U
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	NA	10	U	10	U	10	U	200	U	200	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	10	U	10	U	10	U	200	U	200	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	U	10	U	10	U	10	U	200	U	200	U
Total Xylenes	U	10	U	10	U	10	U	200	U	200	U
trans-1,2-Dichloroethene		10	U	10	U	10	U		NA		NA
trans-1,3-Dichloropropene	NA	10	U	10	U	10	U	200	U	200	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene		12	U	12	U	12	U	1300		1400	
Trichlorofluoromethane	NA	10	U	10	U	10	U		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA	1	U	1	U	1	U	200	U	200	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA	10	U	10	U	10	U		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA	10	U	10	U
1,2-Dichlorobenzene	NA		NA		NA		NA	10	U	10	U
1,3-Dichlorobenzene	NA		NA		NA		NA	10	U	10	U
1,4-Dichlorobenzene	NA		NA		NA		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	NA	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	NA	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	NA	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	NA	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	NA	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	NA	25	U	25	U	25	UJ	25	U	25	U
2,4-Dinitrotoluene	NA	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	NA	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	NA	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	NA	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	NA	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	NA	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	NA	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	NA	10	U	10	U	10	U	10	U	0.7	J
3,3'-Dichlorobenzidine	NA	10	UJ	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	NA	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	NA	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	NA	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	NA	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	NA	10	UJ	10	UJ	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	NA	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	NA	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	NA	25	UJ	25	UJ	25	UJ	25	U	25	UJ
4-Nitrophenol	NA	25	U	25	U	25	U	44		45	J
Acenaphthene	NA	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	NA	10	U	10	U	10	U	10	U	10	U
Acetophenone	NA	10	U	10	U	10	U		NA		NA
Anthracene	NA	10	U	10	U	10	U	10	U	10	U
Atrazine	NA	10	U	10	U	10	U		NA		NA
Benzaldehyde	NA	10	UJ	10	UJ	10	UJ		NA		NA
Benzo(a)anthracene	NA	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	NA	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	NA	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	NA	10	UJ	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	NA	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	NA	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	NA	10	U	10	U	10	U	10	U	10	U
Caprolactam	NA	14		21	J	7	J		NA		NA
Carbazole	NA	10	U	10	U	10	U	10	U	10	U
Chrysene	NA	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	NA	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	NA	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	NA	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	NA	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	NA	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	NA	10	U	10	U	10	U	10	U	10	U
Fluoranthene	NA	10	U	10	U	10	U	10	U	10	UJ
Fluorene	NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	NA	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	NA	10	U	10	U	10	U		R	10	U
Hexachloroethane	NA	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	NA	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	NA	10	U	10	U	10	U	10	U	10	U
Naphthalene	NA	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	NA	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	NA	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	NA	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	NA	25	UJ	25	UJ	25	UJ	25	U	25	U
Phenanthrene	NA	10	U	10	U	10	U	10	U	10	U
Phenol	NA	10	U	10	U	10	U	10	U	10	U
Pyrene	NA	10	U	10	U	10	U	10	U	10	U
Total PAH	NA		NA		NA		NA	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Benzo(a)anthracene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Benzo(a)pyrene	NA	0.20	UJ	0.20	UJ	0.20	UJ		NA		NA
Benzo(b)fluoranthene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Benzo(k)fluoranthene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Chrysene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Dibenzo(a,h)anthracene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Phenanthrene	NA	0.20	U	0.20	U	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	NA	0.050	UJ	0.050	UJ	0.050	UJ	0.050	U	0.050	U
alpha-Chlordane	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA		NA		NA		NA	1.1	U	1.1	U
Aroclor-1016	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	NA	0.25	U	0.25	U	0.25	U	2.0	U	2.0	U
Aroclor-1232	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	NA	0.25	U	0.25	U	0.25	U	1.0	U	1.0	U
Aroclor-1260	NA	0.25	U	0.25	U	0.25	U	1.0	U	1.0	U
Aroclor-1262	NA	0.28	U	0.28	U	0.28	U	1.0	UJ	1.0	U
Aroclor-1268	NA	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	NA	0.050	U	0.050	U	0.050	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	NA	0.050	U	0.050	U	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	NA	0.050	UJ	0.050	UJ	0.050	UJ	0.050	U		R
gamma-Chlordane	NA	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	NA	0.020	U	0.020	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	NA	0.020	U	0.020	U	0.020	U	0.050	U	0.050	U
Methoxychlor	NA	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	NA	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-9-07-AVG		OU2-MW-9-07		OU2-MW-DUP29-07		OU1-PC-09D-01		OU1-PC-09D-02	
Sample Location		MW-9		MW-9		MW-9		MW-PC09D		MW-PC09D	
Date Sampled		2/5/2003		2/5/2003		2/5/2003		11/21/1997		12/2/1998	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		Field Dup. OU2-MW-9-07		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)											
Aluminum	NA	164	U	164	U	143	U	20.0	U	58.2	
Antimony	NA	2.3	U	2.3	U	2.3	U	50.0	U	4.0	U
Arsenic	NA	4.8	U	4.8	U	4.8	U	4.9		9.6	
Barium	U	14.4		14.5		14.2		79.2		72.1	
Beryllium	NA	0.10	UJ	0.10	UJ	0.12	UJ	1.0	U	0.60	U
Cadmium		553		551		555		2.0	U	0.40	U
Calcium	NA	12100		12100		12100		31100		27400	
Chromium	U	66.8		66.5		67.1		5.0	U	0.90	U
Chromium VI	U		NA		NA		NA		NA		NA
Cobalt	NA	9.8		9.9		9.7		5.1	J	7.2	
Copper		85.3		83.7		86.9		2.0	U	2.3	U
Cyanide			NA		NA		NA		NA	4.5	
Iron		15.9		22.4	J	18.7	U	2640		2610	
Lead	U	2.2	U	2.2	U	2.2	U	2.8	UJ	5.4	
Magnesium	NA	4720		4700		4730		20500		18100	
Manganese	NA	516		511		520		4200		4080	
Mercury	NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel		1910		1900		1920		23.8	U	11.4	
Potassium	NA	2960		2960		2950		6430		4670	
Selenium	NA	4.8	U	4.8	U	4.8	U	1.0	UJ	1.9	U
Silver	NA	0.60	U	0.60	U	0.60	U	3.0	U	1.1	U
Sodium	NA	5960		6030		5880		125000		132000	
Thallium	NA	5.7	UJ	5.7	UJ	4.7	U	1.0	U	3.6	U
Vanadium	NA	0.46		0.67	J	0.50	U	3.0	U	2.9	U
Zinc		3380		3360		3410		63.8		4.3	
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA		NA	110	J	126	
Carbon Dioxide	NA		NA		NA		NA		NA		NA
Chloride			NA		NA		NA	103		95.5	
Ferrous Iron	NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA	13.4		8.9	J
Nitrite-N	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA	143	J	132	J
Sulfide	NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA	2	U	10	U
1,1,1-Trichloroethane	950	*	1600		800		660	*J	70		240	
1,1,2,2-Tetrachloroethane	10	U	100	U	50	U	10	UJ	2	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	UJ	2	U	10	U
1,1,2-Trichloroethane	10	U	100	U	50	U	1	J	2	U	10	U
1,1-Dichloroethane	44		140		85		120	J	25		63	
1,1-Dichloroethene	230		93	J	55		130	J	49		160	
1,1-Dichloropropene		NA		NA		NA		NA	2	U	10	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA	2	U	10	U
1,2,3-Trichloropropane		NA		NA		NA		NA	2	U	10	U
1,2,4-Trichlorobenzene	10	U		NA		NA	10	UJ	2	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA	2	U	10	U
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	UJ	2	U	10	U
1,2-Dibromoethane	10	U		NA		NA	10	UJ	2	U	10	U
1,2-Dichlorobenzene	10	U		NA		NA	10	UJ	2	U	10	U
1,2-Dichloroethane	10	U	100	U	50	U	10	UJ	2	U	10	U
1,2-Dichloroethene (total)		NA	660		740			NA		NA		NA
1,2-Dichloropropane	10	U	100	UJ	50	U	10	UJ	2	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA	2	U	10	U
1,3-Dichlorobenzene	10	U		NA		NA	10	UJ	2	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA	2	U	10	U
1,4-Dichlorobenzene	10	U		NA		NA	10	UJ	2	U	10	U
1,4-Dioxane	100	UJ		NA		NA	100	UJ		NA		NA
1-Chlorohexane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA	2	U	10	U
2-Butanone	10	U	100	U	50	UJ	10	UJ	8	U	40	U
2-Chloroethylvinylether		NA		NA		NA		NA	6	U	30	U
2-Chlorotoluene		NA		NA		NA		NA	2	U	10	U
2-Hexanone	10	U	100	U	50	UJ	10	UJ	1.2	U	6	U
4-Chlorotoluene		NA		NA		NA		NA	2	U	10	U
4-Methyl-2-Pentanone	10	U	100	U	50	UJ	10	UJ	1	U	5	U
Acetone	10	U	100	U	50	UJ	10	UJ	4	U	20	U
Acrolein		NA		NA		NA		NA	20	U	100	U
Acrylonitrile		NA		NA		NA		NA	10	U	50	U
Benzene	10	U	100	UJ	50	U	10	UJ	2	U	10	U
Benzyl Chloride		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA	2	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromochloromethane		NA		NA		NA		NA	2	U	10	U
Bromodichloromethane	10	U	100	U	50	U	10	UJ	2	U	10	U
Bromoform	10	U	100	U	50	U	10	UJ	2	U	10	U
Bromomethane	10	U	100	U	50	U	10	UJ	2	U	10	U
Carbon Disulfide	10	U	100	U	50	U	10	UJ	6	U	30	U
Carbon Tetrachloride	10	U	100	U	50	U	10	UJ	2	U	10	U
Chlorobenzene	7	J	100	U	50	U	2	J	2	U	10	U
Chloroethane	10	U	100	UJ	50	U	10	UJ	2	U	10	U
Chloroform	1	J	100	U	50	U	10	UJ	2	U	10	U
Chloromethane	10	U	100	U	50	UJ	10	UJ	2	U	10	U
Chlorotoluene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	270			NA		NA	460	*J	30		68	
cis-1,3-Dichloropropene	10	U	100	U	50	U	10	UJ	2	U	10	U
Cyclohexane	10	U		NA		NA	10	UJ		NA		NA
Dibromochloromethane	10	U	100	U	50	U	10	UJ	2	U	10	U
Dibromomethane		NA		NA		NA		NA	2	U	10	U
Dichlorodifluoromethane	10	UJ		NA		NA	10	UJ	2	U	10	U
Ethyl Ether		NA		NA		NA		NA	6	U	30	U
Ethylbenzene	10	U	100	U	50	U	10	UJ	2	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	2	U	10	U
Isopropylbenzene	10	U		NA		NA	10	UJ	2	U	10	U
m&p-Xylene		NA		NA		NA		NA	4	U	20	U
Methyl Acetate	10	U		NA		NA	10	UJ		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA	10	UJ	2	U	10	U
Methylcyclohexane	10	U		NA		NA	10	UJ		NA		NA
Methylene Chloride	10	UJ	100	U	50	U	10	UJ	2	U	10	U
Naphthalene		NA		NA		NA		NA	2	U	10	U
n-Butylbenzene		NA		NA		NA		NA	2	U	10	U
n-Propylbenzene		NA		NA		NA		NA	2	U	10	U
o-Xylene		NA		NA		NA		NA	2	U	10	U
p-Isopropyltoluene		NA		NA		NA		NA	2	U	10	U
sec-Butylbenzene		NA		NA		NA		NA	2	U	10	U
Styrene	10	U	100	U	50	U	10	UJ	2	U	10	U
tert-Butylbenzene		NA		NA		NA		NA	2	U	10	U
Tetrachloroethene	10	U	100	U	50	U	10	UJ	2	U	10	U
Tetrahydrofuran		NA		NA		NA		NA	14	U	70	U
Toluene	10	U	100	U	50	U	10	UJ	2	U	10	U
Total Xylenes	10	U	100	UJ	50	U	10	UJ		NA		NA
trans-1,2-Dichloroethene	10	U		NA		NA	2	J	2	U	10	U
trans-1,3-Dichloropropene	10	U	100	U	50	U	10	UJ	2	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	640	*	37	J	12	J	19	UJ	32		94	
Trichlorofluoromethane	10	UJ		NA		NA	10	UJ	2	U	10	U
Vinyl Acetate		NA		NA		NA		NA	12	U	60	U
Vinyl Chloride	63		49	J	100		370	*J	2	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA		NA	10.0	U		NA		NA
Ethene	10.0	U		NA		NA	10.0	U		NA		NA
Methane	32.0			NA		NA	77.0			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA	102		309	
1,1-Dichloroethene		NA		NA		NA		NA	65		259	
Benzene		NA		NA		NA		NA	14	U	14	U
Chlorobenzene		NA		NA		NA		NA	56	U	56	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	34		87	
Tetrachloroethene		NA		NA		NA		NA	14	U	14	U
Toluene		NA		NA		NA		NA	28	U	28	U
Trichloroethene		NA		NA		NA		NA	38		120	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dimethylphenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	25	UJ	25	U	25	U	25	U		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	10	U	10	U	10	U	10	U		NA		NA
2-Chlorophenol	10	U	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	10	U	10	U	10	U	10	U		NA		NA
2-Methylphenol	10	U	10	U	10	U	10	U		NA		NA
2-Nitroaniline	25	UJ	25	U	25	U	25	U		NA		NA
2-Nitrophenol	10	U	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U		NA		NA
4-Chloroaniline	10	UJ	10	U	10	U	10	U		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U		NA		NA
4-Methylphenol	10	U	10	U	10	U	10	U		NA		NA
4-Nitroaniline	25	UJ	25	U	25	UJ	25	U		NA		NA
4-Nitrophenol	8	J	25	U	25	UJ	25	U		NA		NA
Acenaphthene	10	U	10	U	10	U	10	U		NA		NA
Acenaphthylene	10	U	10	U	10	U	10	U		NA		NA
Acetophenone	10	U		NA		NA	10	U		NA		NA
Anthracene	10	U	1	J	10	U	10	U		NA		NA
Atrazine	10	U		NA		NA	10	U		NA		NA
Benzaldehyde	10	UJ		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	10	U	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	U	10	U		NA		NA
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	UJ	10	U	10	U		NA		NA
Butylbenzylphthalate	10	U	10	UJ	10	U	10	U		NA		NA
Caprolactam	10	U		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U		NA		NA
Chrysene	10	U	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U		NA		NA
Dibenzofuran	10	U	10	U	10	U	10	U		NA		NA
Diethylphthalate	10	U	10	U	10	U	10	U		NA		NA
Dimethylphthalate	10	U	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U		NA		NA
Fluoranthene	10	U	10	U	10	UJ	10	U		NA		NA
Fluorene	10	U	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	10	U	10	UJ	10	U	10	U		NA		NA
Hexachlorobutadiene	10	U	10	UJ	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U		NA		NA
Hexachloroethane	10	U	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U		NA		NA
Naphthalene	10	U	2	J	10	U	10	U		NA		NA
Nitrobenzene	10	U	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U		NA		NA
Pentachlorophenol	25	U	25	U	25	U	25	U		NA		NA
Phenanthrene	10	U	10	U	0.6	J	10	U		NA		NA
Phenol	10	U	10	U	10	U	10	U		NA		NA
Pyrene	10	U	10	U	10	U	10	U		NA		NA
Total PAH		NA	3		0.6			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Chrysene	0.20	U		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Phenanthrene	0.20	U		NA		NA	0.45			NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U		NA		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U		NA		NA
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U		NA		NA
Aroclor-1262	0.28	U	1.0	UJ	1.0	U	0.28	U		NA		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U		NA		NA
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Endrin	0.050	U	0.10	U	0.10	U	0.050	U		NA		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
gamma-BHC	0.050	U	0.050	U		R	0.050	U		NA		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U		NA		NA
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U		NA		NA
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.8	U		NA		NA	2.9	U		NA		NA
1,2,3,4,6,7,8-HpCDF	1.5	U		NA		NA	1.5	U		NA		NA
1,2,3,4,7,8,9-HpCDF	1.9	U		NA		NA	1.9	U		NA		NA
1,2,3,4,7,8-HxCDD	1.6	U		NA		NA	1.4	U		NA		NA
1,2,3,4,7,8-HxCDF	1.1	U		NA		NA	0.90	U		NA		NA
1,2,3,6,7,8-HxCDD	1.7	U		NA		NA	1.5	U		NA		NA
1,2,3,6,7,8-HxCDF	1.0	U		NA		NA	0.90	U		NA		NA
1,2,3,7,8,9-HxCDD	1.6	U		NA		NA	1.4	U		NA		NA
1,2,3,7,8,9-HxCDF	1.3	U		NA		NA	1.2	U		NA		NA
1,2,3,7,8-PeCDD	1.4	U		NA		NA	1.2	U		NA		NA
1,2,3,7,8-PeCDF	0.90	U		NA		NA	0.80	U		NA		NA
2,3,4,6,7,8-HxCDF	1.2	U		NA		NA	1.1	U		NA		NA
2,3,4,7,8-PeCDF	0.90	U		NA		NA	0.80	U		NA		NA
2,3,7,8-TCDD	1.4	U		NA		NA	1.3	U		NA		NA
2,3,7,8-TCDF	1.2	U		NA		NA	1.0	U		NA		NA
OCDD	4.6	U		NA		NA	8.2	UEMPC		NA		NA
OCDF	3.4	U		NA		NA	3.1	U		NA		NA
Total HpCDD	2.8	UJ		NA		NA	2.9	UJ		NA		NA
Total HpCDF	1.7	UJ		NA		NA	1.7	UJ		NA		NA
Total HxCDD	1.6	UJ		NA		NA	1.4	UJ		NA		NA
Total HxCDF	1.1	UJ		NA		NA	1.0	UJ		NA		NA
Total PeCDD	1.4	UJ		NA		NA	1.2	UJ		NA		NA
Total PeCDF	0.90	UJ		NA		NA	0.80	UJ		NA		NA
Total TCDD	1.4	UJ		NA		NA	1.3	UJ		NA		NA
Total TCDF	1.2	UJ		NA		NA	1.0	UJ		NA		NA
Toxicity Equivalency	0.00	U		NA		NA	0.00	UJ		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC09D-07		OU1-PC-09S-01		OU1-PC-09S-02		OU1-MW-PC09S-07		RM-GW10-0015		RM-GW10-0020	
Sample Location	MW-PC09D		MW-PC09S		MW-PC09S		MW-PC09S		10		10	
Date Sampled	1/20/2003		12/1/1997		12/2/1998		1/20/2003		2/20/2002		2/21/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-15.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	29.5	U	39.9	UJ	35.1		77.0	U		NA		NA
Antimony	1.8	U	50.0	U	4.0	U	1.8	U		NA		NA
Arsenic	22.9		33.5		41.1		47.8			NA		NA
Barium	91.0		103		96.3		103			NA		NA
Beryllium	0.20	U	1.0	U	0.60	U	0.20	U		NA		NA
Cadmium	0.30	U	2.0	U	0.40	U	0.30	U		NA		NA
Calcium	23000		17500		14900		16600			NA		NA
Chromium	0.70	U	5.0	U	0.90	U	0.70	U		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	3.2		3.0	U	3.2	U	1.2	J		NA		NA
Copper	2.4		2.0	U	2.7		2.0	J		NA		NA
Cyanide		NA		NA	3.0			NA		NA		NA
Iron	7250		11900		10600		11800			NA		NA
Lead	1.3	U	1.0	U	5.4		1.3	U		NA		NA
Magnesium	16600		16800		13100		13400			NA		NA
Manganese	3540		2130		2030		2320			NA		NA
Mercury	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Nickel	6.9		10.0	U	6.4		4.8			NA		NA
Potassium	4580	J	4380		4450		4480	J		NA		NA
Selenium	3.6	UJ	1.0	UJ	1.9	U	3.6	UJ		NA		NA
Silver	0.80	U	3.0	U	1.3		0.80	U		NA		NA
Sodium	115000		96500		104000		81800			NA		NA
Thallium	3.8	U	1.0	U	3.6	U	3.8	U		NA		NA
Vanadium	0.70	U	3.0	U	2.9	U	0.70	U		NA		NA
Zinc	0.60	UJ	4.0	U	4.9		1.9	J		NA		NA
Wet Chemistry Analysis												
Alkalinity	152		110		112		110			NA		NA
Carbon Dioxide	193			NA		NA	152			NA		NA
Chloride	54.6		71.0	J	60.7		23.1			NA		NA
Ferrous Iron	6.6			NA		NA	8.6			NA		NA
Nitrate	1.62	J		NA		NA	0.050	UJ		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	UJ		NA		NA		NA
Nitrite-N	0.050	UJ		NA		NA	0.050	UJ		NA		NA
Sulfate	145		113		112	J	152			NA		NA
Sulfide	0.50	U		NA		NA	0.50	U		NA		NA
Total Organic Carbon	9.52			NA		NA	8.39			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	10	U	10	U	10	U		NA		NA		NA	
1,1,1-Trichloroethane	820		650		870		3	J	1	U	1	U	1
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	UJ	1	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U		NA		NA		NA	
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	1	U		NA	
1,1-Dichloroethane	130		130		130		6	J	1	U	1	U	1
1,1-Dichloroethene	530		370		480		10	U	1	U		NA	
1,1-Dichloropropene	10	U	10	U	10	U		NA		NA		NA	
1,2,3-Trichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
1,2,3-Trichloropropane	10	U	10	U	10	U		NA		NA		NA	
1,2,4-Trichlorobenzene	10	U	10	U	10	U		NA		NA		NA	
1,2,4-Trimethylbenzene	10	U	10	U	10	U		NA		NA		NA	
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U		NA		NA		NA	
1,2-Dibromoethane	10	U	10	U	10	U		NA		NA		NA	
1,2-Dichlorobenzene	10	U	10	U	10	U		NA	1	U		NA	
1,2-Dichloroethane	10	U	10	U	10	U	10	U	1	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA	2	J		NA		NA	
1,2-Dichloropropane	10	U	10	U	10	U	10	U	1	U		NA	
1,3,5-Trimethylbenzene	10	U	10	U	10	U		NA		NA		NA	
1,3-Dichlorobenzene	10	U	10	U	10	U		NA	1	U		NA	
1,3-Dichloropropane	10	U	10	U	10	U		NA		NA		NA	
1,4-Dichlorobenzene	10	U	10	U	10	U		NA	1	U		NA	
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
1-Chlorohexane		NA		NA		NA		NA	1	U		NA	
2,2-Dichloropropane	10	U	10	U	10	U		NA		NA		NA	
2-Butanone	40	U	40	U	40	U	10	U		NA		NA	
2-Chloroethylvinylether	30	U	30	U	30	U		NA	10	U		NA	
2-Chlorotoluene	10	U	10	U	10	U		NA		NA		NA	
2-Hexanone	6	U	6	U	6	U	10	UJ		NA		NA	
4-Chlorotoluene	10	U	10	U	10	U		NA		NA		NA	
4-Methyl-2-Pentanone	5	U	5	U	5	U	10	UJ		NA		NA	
Acetone	21	BL	20		28	B	10	U		NA		NA	
Acrolein	100	U	100	U	100	U		NA		NA		NA	
Acrylonitrile	50	U	50	U	50	U		NA		NA		NA	
Benzene	10	U	10	U	10	U	10	U	1	U		NA	
Benzyl Chloride		NA		NA		NA		NA	10	U		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U		NA	
bis-(2-chloroisopropyl)ether		NA		NA		NA		NA	10	U		NA	
Bromobenzene	10	U	10	U	10	U		NA	1	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromochloromethane	10	U	10	U	10	U		NA		NA		NA	
Bromodichloromethane	10	U	10	U	10	U	10	U	1	U		NA	
Bromoform	10	U	10	U	10	U	10	U	1	U		NA	
Bromomethane	10	U	10	U	10	U	10	U	10	U		NA	
Carbon Disulfide	30	U	30	U	30	U	10	U		NA		NA	
Carbon Tetrachloride	10	U	10	U	10	U	10	U	1	U		NA	
Chlorobenzene	10	U	10	U	10	U	10	U	1	U		NA	
Chloroethane	10	U	10	U	10	U	10	U	10	U		NA	
Chloroform	10	U	10	U	10	U	10	U	1	U	1	U	1
Chloromethane	10	U	10	U	10	U	10	U	10	U		NA	
Chlorotoluene		NA		NA		NA		NA	1	U		NA	
cis-1,2-Dichloroethene	210		160		200			NA		NA		NA	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	1	U		NA	
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	10	U	10	U	10	U	10	U	1	U		NA	
Dibromomethane	10	U	10	U	10	U		NA	1	U		NA	
Dichlorodifluoromethane	10	U	10	U	10	U		NA		NA		NA	
Ethyl Ether	30	U	30	U	30	U		NA		NA		NA	
Ethylbenzene	10	U	10	U	10	U	10	U	1	U	1	U	1
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA		NA	
Isopropylbenzene	10	U	10	U	10	U		NA		NA		NA	
m&p-Xylene	20	U	20	U	20	U		NA	1	U		NA	
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	13		10	U	10	U		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	10	U	10	U	10	U	10	U	1	U		NA	
Naphthalene	10	U	10	U	10	U		NA		NA		NA	
n-Butylbenzene	10	U	10	U	10	U		NA		NA		NA	
n-Propylbenzene	10	U	10	U	10	U		NA		NA		NA	
o-Xylene	10	U	10	U	10	U		NA	1	U		NA	
p-Isopropyltoluene	10	U	10	U	10	U		NA		NA		NA	
sec-Butylbenzene	10	U	10	U	10	U		NA		NA		NA	
Styrene	10	U	10	U	10	U	10	U		NA		NA	
tert-Butylbenzene	10	U	10	U	10	U		NA		NA		NA	
Tetrachloroethene	10	U	10	U	10	U	10	U	1	U	1	U	1
Tetrahydrofuran	70	U	70	U	70	U		NA		NA		NA	
Toluene	10	U	10	U	10	U	10	U	1	U	1	U	1
Total Xylenes		NA		NA		NA	10	U		NA	1	U	1
trans-1,2-Dichloroethene	10	U	10	U	10	U		NA	8		3		12
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	1	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	220		180		220		1	J	24		27		33
Trichlorofluoromethane	10	U	10	U	10	U		NA	1	U		NA	
Vinyl Acetate	60	U	60	U	60	U		NA		NA		NA	
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U		NA	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW10-0025		RM-GW10-0035		RM-GW10-0045		OU2-GW-10		MW-10-112090		MW-10-021892		MW-10-05189
Sample Location	10		10		10		GW-10		MW-10		MW-10		MW-10
Date Sampled	2/21/2002		2/22/2002		2/22/2002		3/31/1999		11/20/1990		2/18/1992		5/18/1992
Interval	0.0-25.0		0.0-35.0		0.0-45.0		0.0-0.0		13.0-23.0		13.0-23.0		13.0-23.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium		NA		NA		NA		NA	500	U	500	U	500
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium		NA		NA		NA		NA	10.0		70.0		50.0
Calcium		NA		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA		NA	50.0	U	7000		50.0
Chromium VI		NA		NA		NA		NA	50.0	U	50.0	U	50.0
Cobalt		NA		NA		NA		NA		NA		NA	
Copper		NA		NA		NA		NA	40.0		40.0		40.0
Cyanide		NA		NA		NA		NA	200		250		180
Iron		NA		NA		NA		NA	490		60.0		50.0
Lead		NA		NA		NA		NA	50.0	U	50.0	U	50.0
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel		NA		NA		NA		NA	100		920		800
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc		NA		NA		NA		NA		U	120		90.0
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA	6.0		7.0		8.0
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)									
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	1	U	10	U	50	U	4	J
1,1,2,2-Tetrachloroethane	NA		NA	10	U	50	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA	10	U		NA	10	U
1,1,2-Trichloroethane	NA		NA	10	U	50	U	10	U
1,1-Dichloroethane	U	1	U	10	U	50	U	10	U
1,1-Dichloroethene	NA		NA	0.9	U	50	U	4	
1,1-Dichloropropene	NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA	10	U		NA	10	UJ
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA	10	U		NA	10	U
1,2-Dibromoethane	NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene	NA		NA	10	U		NA	10	U
1,2-Dichloroethane	NA		NA	10	U	50	U	10	U
1,2-Dichloroethene (total)	NA		NA		NA	55			NA
1,2-Dichloropropane	NA		NA	10	U	50	U	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA	10	U		NA	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA	10	U		NA	10	U
1,4-Dioxane	NA		NA	100	UJ		NA	100	UJ
1-Chlorohexane	NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA
2-Butanone	NA		NA	10	U	50	U	10	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA
2-Hexanone	NA		NA	10	U	50	U	10	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA	10	UJ		R	10	U
Acetone	NA		NA	10	U	50	U	10	UJ
Acrolein	NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA
Benzene	NA		NA	10	U	50	U	10	U
Benzyl Chloride	NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA
bis-(2-chloroisopropyl)ether	NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Bromochloromethane	NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA	10	U	50	U	10	U
Bromoform	NA		NA	10	U	50	U	10	U
Bromomethane	NA		NA	10	U	50	U	10	U
Carbon Disulfide	NA		NA	10	U	50	U	10	U
Carbon Tetrachloride	NA		NA	10	U	50	U	10	U
Chlorobenzene	NA		NA	10	U	50	U	5	J
Chloroethane	NA		NA	10	U	50	U	10	U
Chloroform	U	1	U	10	U	50	U	10	U
Chloromethane	NA		NA	10	U	50	UJ	10	U
Chlorotoluene	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA	5	J		NA	110	
cis-1,3-Dichloropropene	NA		NA	10	U	50	U	10	U
Cyclohexane	NA		NA	10	U		NA	10	U
Dibromochloromethane	NA		NA	10	U	50	U	10	U
Dibromomethane	NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA		NA	10	UJ		NA	10	U
Ethyl Ether	NA		NA		NA		NA		NA
Ethylbenzene	U	1	U	10	U	50	U	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA	10	U		NA	10	U
m&p-Xylene	NA		NA		NA		NA		NA
Methyl Acetate	NA		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	NA		NA	10	U		NA	10	U
Methylcyclohexane	NA		NA	10	U		NA	10	U
Methylene Chloride	NA		NA	10	UJ	50	U	10	U
Naphthalene	NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA
Styrene	NA		NA	10	U	50	U	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA
Tetrachloroethene	U	1	U	10	U	50	U	2	J
Tetrahydrofuran	NA		NA		NA		NA		NA
Toluene	U	1	U	10	U	50	U	10	U
Total Xylenes	U	1	U	10	U	50	U	10	U
trans-1,2-Dichloroethene		9		10	U		NA	10	U
trans-1,3-Dichloropropene	NA		NA	10	U	50	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Trichloroethene		32		51		790		1800	*
Trichlorofluoromethane	NA		NA	10	U		NA	10	U
Vinyl Acetate	NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA	1	U	50	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)									
Ethane	NA		NA		NA		NA	10.0	U
Ethene	NA		NA		NA		NA	10.0	U
Methane	NA		NA		NA		NA	11.0	
Low Concentration Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Ethylbenzene	NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)									
1,1'-Biphenyl	NA		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	NA		NA		NA	10	U		NA
1,2-Dichlorobenzene	NA		NA		NA	10	U		NA
1,3-Dichlorobenzene	NA		NA		NA	10	U		NA
1,4-Dichlorobenzene	NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	NA		NA	10	U	10	U	10	U
2,4,5-Trichlorophenol	NA		NA	25	U	25	U	25	U
2,4,6-Trichlorophenol	NA		NA	10	U	10	U	10	U
2,4-Dichlorophenol	NA		NA	10	U	10	U	10	U
2,4-Dimethylphenol	NA		NA	10	U	10	U	10	U
2,4-Dinitrophenol	NA		NA	25	U	25	U	25	U
2,4-Dinitrotoluene	NA		NA	10	U	10	U	10	U
2,6-Dinitrotoluene	NA		NA	10	U	10	U	10	U
2-Chloronaphthalene	NA		NA	10	U	10	U	10	U
2-Chlorophenol	NA		NA	10	U	10	U	10	U
2-Methylnaphthalene	NA		NA	10	U	10	U	10	U
2-Methylphenol	NA		NA	10	U	10	U	10	U
2-Nitroaniline	NA		NA	25	U	25	U	25	U
2-Nitrophenol	NA		NA	10	U	10	U	10	U
3,3'-Dichlorobenzidine	NA		NA	10	UJ	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
3-Nitroaniline	NA		NA	25	U	25	UJ	25	U
4,6-Dinitro-2-methylphenol	NA		NA	25	U	25	U	25	U
4-Bromophenyl-phenylether	NA		NA	10	U	10	U	10	U
4-Chloro-3-methylphenol	NA		NA	10	U	10	U	10	U
4-Chloroaniline	NA		NA	10	UJ	10	UJ	10	UJ
4-Chlorophenyl-phenylether	NA		NA	10	U	10	U	10	U
4-Methylphenol	NA		NA	10	U	10	U	10	U
4-Nitroaniline	NA		NA	25	UJ	25	UJ	25	U
4-Nitrophenol	NA		NA	25	U	25	U	25	U
Acenaphthene	NA		NA	10	U	10	U	10	U
Acenaphthylene	NA		NA	10	U	10	U	10	U
Acetophenone	NA		NA	10	U		NA	10	U
Anthracene	NA		NA	10	U	10	U	10	U
Atrazine	NA		NA	10	U		NA	10	U
Benzaldehyde	NA		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	NA		NA	10	U	10	U	10	U
Benzo(a)pyrene	NA		NA	10	U	10	U	10	U
Benzo(b)fluoranthene	NA		NA	10	U	10	U	10	U
Benzo(g,h,i)perylene	NA		NA	10	UJ	10	U	10	U
Benzo(k)fluoranthene	NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	NA		NA	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	NA		NA	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	NA		NA	10	U	10	U	3	J
Butylbenzylphthalate	NA		NA	10	U	10	U	10	U
Caprolactam	NA		NA	23			NA	24	
Carbazole	NA		NA	10	U	10	UJ	10	U
Chrysene	NA		NA	10	U	10	U	10	U
Dibenzo(a,h)anthracene	NA		NA	10	U	10	U	10	U
Dibenzofuran	NA		NA	10	U	10	U	10	U
Diethylphthalate	NA		NA	10	U	10	U	10	U
Dimethylphthalate	NA		NA	10	U	10	U	10	U
Di-n-Butylphthalate	NA		NA	10	U	10	UJ	10	U
Di-n-octylphthalate	NA		NA	10	U	10	U	10	U
Fluoranthene	NA		NA	10	U	10	U	10	U
Fluorene	NA		NA	10	U	10	U	10	U
Hexachlorobenzene	NA		NA	10	U	10	U	10	U
Hexachlorobutadiene	NA		NA	10	U	10	U	10	U
Hexachlorocyclopentadiene	NA		NA	10	U		R	10	U
Hexachloroethane	NA		NA	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Isophorone	NA		NA	10	U	10	U	10	U
Naphthalene	NA		NA	10	U	10	U	10	U
Nitrobenzene	NA		NA	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	NA		NA	10	U	10	U	10	U
N-Nitroso-diphenylamine	NA		NA	10	U	10	U	10	U
Pentachlorophenol	NA		NA	25	UJ	25	U	25	U
Phenanthrene	NA		NA	10	U	10	U	10	U
Phenol	NA		NA	10	U	10	U	10	U
Pyrene	NA		NA	10	U	10	U	10	U
Total PAH	NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)									
Acenaphthylene	NA		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	NA		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	NA		NA	0.20	UJ		NA	0.20	U
Benzo(b)fluoranthene	NA		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	NA		NA	0.20	U		NA	0.20	U
Chrysene	NA		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	NA		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	NA		NA	0.20	U		NA	0.20	U
Phenanthrene	NA		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)									
4,4'-DDD	NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDE	NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDT	NA		NA	0.10	U	0.10	U	0.10	U
Aldrin	NA		NA	0.050	U	0.050	U	0.050	U
alpha-BHC	NA		NA	0.050	UJ	0.050	U	0.050	U
alpha-Chlordane	NA		NA	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA		NA		NA	1.1	U		NA
Aroclor-1016	NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1221	NA		NA	0.25	U	2.0	U	0.25	U
Aroclor-1232	NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1242	NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1248	NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1254	NA		NA	0.25	U	1.0	U	0.25	U
Aroclor-1260	NA		NA	0.25	U	1.0	U	0.25	U
Aroclor-1262	NA		NA	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	NA		NA	1.0	U	1.0	U	1.0	U
beta-BHC	NA		NA	0.050	U	0.050	U	0.050	U
delta-BHC	NA		NA	0.050	U	0.050	U	0.050	U
Dieldrin	NA		NA	0.050	U	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
Endosulfan I	NA		NA	0.050	U	0.050	U	0.050	U
Endosulfan II	NA		NA	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	NA		NA	0.10	U	0.10	U	0.10	U
Endrin	NA		NA	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	NA		NA	0.10	U	0.10	U	0.10	U
Endrin Ketone	NA		NA	0.10	U	0.10	U	0.10	U
gamma-BHC	NA		NA	0.050	UJ	0.050	U	0.050	U
gamma-Chlordane	NA		NA	0.050	U	0.050	U	0.050	U
Heptachlor	NA		NA	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	NA		NA	0.020	U	0.050	U	0.020	U
Methoxychlor	NA		NA	0.50	U	0.50	U	0.50	U
Toxaphene	NA		NA	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)									
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA	4.4	EMPC
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA	4.6	J
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA	5.5	J
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA	4.4	J
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA	4.6	JB
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA	4.9	J
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA	4.6	JB
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA	5.6	JB
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA	8.0	JB
1,2,3,7,8-PeCDD	NA		NA		NA		NA	5.0	J
1,2,3,7,8-PeCDF	NA		NA		NA		NA	6.5	JB
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA	5.7	JB
2,3,4,7,8-PeCDF	NA		NA		NA		NA	4.9	J
2,3,7,8-TCDD	NA		NA		NA		NA	1.7	U
2,3,7,8-TCDF	NA		NA		NA		NA	3.0	J
OCDD	NA		NA		NA		NA	20.6	JB
OCDF	NA		NA		NA		NA	11.2	JB
Total HpCDD	NA		NA		NA		NA	4.4	EMPC
Total HpCDF	NA		NA		NA		NA	10.0	
Total HxCDD	NA		NA		NA		NA	29.8	EMPC
Total HxCDF	NA		NA		NA		NA	23.0	
Total PeCDD	NA		NA		NA		NA	5.0	
Total PeCDF	NA		NA		NA		NA	11.4	
Total TCDD	NA		NA		NA		NA	1.7	U
Total TCDF	NA		NA		NA		NA	3.0	
Toxicity Equivalency	NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	2	MW-10-081892		OU2-MW-10-07		OU1-PC-10B-01		OU1-MW-PC10B-07	
Sample Location		MW-10		MW-10		MW-PC10B		MW-PC10B	
Date Sampled		8/18/1992		2/5/2003		11/19/1997		1/21/2003	
Interval		13.0-23.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock	
TAL Metal Analysis (UG/L)									
Aluminum	NA		NA	209	U	48.3	U	96.0	U
Antimony	NA		NA	2.3	U	50.0	U	1.8	U
Arsenic	NA		NA	4.8	U	1.0		3.6	U
Barium	U	500	U	52.3		15.4	U	25.3	
Beryllium	NA		NA	0.10	U	1.0	U	0.20	U
Cadmium		130		464		2.0	U	0.30	U
Calcium	NA		NA	18700		35900		44600	
Chromium	U	50.0	U	208		5.0	U	0.70	U
Chromium VI	U	50.0	U		NA		NA		NA
Cobalt	NA		NA	7.5		3.0	U	0.96	J
Copper		50.0		69.0		2.0	U	2.5	
Cyanide		200			NA		NA	0.71	UJ
Iron	U	80.0		80.5		118	U	293	
Lead	U	50.0	U	2.2	U	1.0	UJ	1.3	U
Magnesium	NA		NA	5460		7920		10800	
Manganese	NA		NA	2040		75.5		225	
Mercury	NA		NA	0.10	U	0.10	U	0.10	U
Nickel		1500		2820		10.0	U	2.4	
Potassium	NA		NA	6210		3600		3890	J
Selenium	NA		NA	4.8	U	1.0	UJ	4.2	UJ
Silver	NA		NA	0.60	U	3.0	U	0.80	U
Sodium	NA		NA	41200		11800		33400	
Thallium	NA		NA	4.7	U	1.0	U	3.8	U
Vanadium	NA		NA	0.50	U	3.0	U	0.70	U
Zinc		340		1270		177		2.0	J
Wet Chemistry Analysis									
Alkalinity	NA		NA		NA	53.3	J	14.0	J
Carbon Dioxide	NA		NA		NA		NA	56.7	J
Chloride		6.0			NA	28.1		46.4	
Ferrous Iron	NA		NA		NA		NA	0.030	UJ
Nitrate	NA		NA		NA		NA	1.76	J
Nitrate-Nitrite (as N)	NA		NA		NA	0.10	U		NA
Nitrite-N	NA		NA		NA		NA	0.050	UJ
Sulfate	NA		NA		NA	63.6	J	124	
Sulfide	NA		NA		NA		NA		R
Total Organic Carbon	NA		NA		NA		NA	2.0	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	15		28		26		10	J	7		7	J
1,1,2,2-Tetrachloroethane	50	U	10	U	25	U	20	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	50	U	10	U	25	U	20	U	10	U	10	U
1,1-Dichloroethane	50	U	4	J	5	J	20	U	2		2	J
1,1-Dichloroethene	6		16		10	J	4	J	4		4	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA		NA	10	UJ	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA	10	U	10	U
1,2-Dibromoethane		NA	10	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene		NA	10	U		NA		NA	10	U	10	U
1,2-Dichloroethane	50	U	10	U	25	U	20	U	10	U	10	U
1,2-Dichloroethene (total)	7			NA	30		27			NA		NA
1,2-Dichloropropane	50	U	10	U	25	U	20	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA	10	U	10	U
1,4-Dioxane		NA	100	UJ		NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	50	U	10	U	25	U	20	UJ	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	50	U	10	UJ	25	U	20	UJ	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	U		R	20	U	10	U	10	U
Acetone	50	U	10	U	25	U	20	UJ	10	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	50	U	10	U	25	U	20	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	50	U	10	U	25	U	20	U	10	U	10	U
Bromoform	50	U	10	U	25	U	20	U	10	U	10	U
Bromomethane	50	U	10	U	25	U	20	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	50	U	10	U	25	U	20	U	10	U	10	U
Carbon Tetrachloride	50	U	10	U	25	U	20	U	10	U	10	U
Chlorobenzene	50	U	10	U	25	U	20	U	10	U	10	U
Chloroethane	50	U	10	U	25	U	20	U	10	U	10	U
Chloroform	50	U	2	J	25	U	20	U	10	U	10	U
Chloromethane	50	U	10	U	25	U	20	UJ	10	U	10	U
cis-1,2-Dichloroethene		NA	36			NA		NA	40		41	
cis-1,3-Dichloropropene	50	U	10	U	25	U	20	U	10	U	10	U
Cyclohexane		NA	10	U		NA		NA	10	U	10	U
Dibromochloromethane	50	U	10	U	25	U	20	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	U		NA		NA	10	U	10	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	50	U	10	U	25	U	20	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA		NA	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA	10	U	10	U
Methyl tert-Butyl Ether		NA	10	U		NA		NA	10	U	10	U
Methylcyclohexane		NA	10	U		NA		NA	10	U	10	U
Methylene Chloride	50	U	10	U	25	U	20	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	50	U	10	U	25	U	20	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	50	U	5	J	25	U	20	U	2		2	J
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	50	U	10	U	25	U	20	U	10	U	10	U
Total Xylenes	50	U	10	U	25	U	20	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA		NA	10	U	10	U
trans-1,3-Dichloropropene	50	U	10	U	25	U	20	U	10	U	10	U
Trichloroethene	555		1500	*	340		250	J	420		430	*
Trichlorofluoromethane		NA	10	U		NA		NA	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	50	U	5		25	U	20	U	4		5	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

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Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA	10.0	U		NA		NA	10.0	U	10.0	U
Ethene		NA	10.0	U		NA		NA	10.0	U	10.0	U
Methane		NA	7.1			NA		NA	5.0	U	5.0	U
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,2-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	UJ	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	UJ	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA		NA	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	UJ		NA		NA	10	UJ	10	UJ
Benzaldehyde		NA	10	U		NA		NA	10	U	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	1	J	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	16			NA		NA	18		19	
Carbazole	10	U	10	U	10	UJ	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	UJ	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA	10	U		R	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	UJ	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	UJ	25	UJ
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)pyrene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(b)fluoranthene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Chrysene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Phenanthrene		NA	0.20	U		NA		NA	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U	0.093			NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.045	J	0.25	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.048	J	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.10	UJ	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U		R	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.10	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.050	U	0.020	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.050	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	6.8	U		NA		NA	7.7	U	7.7	U
1,2,3,4,6,7,8-HpCDF		NA	3.6	U		NA		NA	4.1	U	4.1	U
1,2,3,4,7,8,9-HpCDF		NA	4.6	U		NA		NA	5.1	U	5.1	U
1,2,3,4,7,8-HxCDD		NA	4.1	U		NA		NA	4.6	U	4.6	U
1,2,3,4,7,8-HxCDF		NA	4.6	U		NA		NA	2.9	U	2.9	U
1,2,3,6,7,8-HxCDD		NA	4.1	U		NA		NA	4.5	U	4.5	U
1,2,3,6,7,8-HxCDF		NA	3.2	JEMPC		NA		NA	2.7	U	2.7	U
1,2,3,7,8,9-HxCDD		NA	4.0	U		NA		NA	4.4	U	4.4	U
1,2,3,7,8,9-HxCDF		NA	3.0	U		NA		NA	3.4	U	3.4	U
1,2,3,7,8-PeCDD		NA	2.9	U		NA		NA	3.1	U	3.1	U
1,2,3,7,8-PeCDF		NA	1.9	U		NA		NA	2.1	U	2.1	U
2,3,4,6,7,8-HxCDF		NA	2.8	U		NA		NA	3.1	U	3.1	U
2,3,4,7,8-PeCDF		NA	1.9	U		NA		NA	2.1	U	2.1	U
2,3,7,8-TCDD		NA	3.2	U		NA		NA	3.3	U	3.3	U
2,3,7,8-TCDF		NA	2.4	U		NA		NA	2.5	U	2.5	U
OCDD		NA	14.5	JEMPC		NA		NA	11.9	U	11.9	U
OCDF		NA	7.9	U		NA		NA	9.5	U	9.5	U
Total HpCDD		NA	6.8	UJ		NA		NA	7.7	UJ	7.7	UJ
Total HpCDF		NA	4.1	UJ		NA		NA	4.5	UJ	4.5	UJ
Total HxCDD		NA	4.0	UJ		NA		NA	4.5	UJ	4.5	UJ
Total HxCDF		NA	7.8	JEMPC		NA		NA	3.0	UJ	3.0	UJ
Total PeCDD		NA	2.9	UJ		NA		NA	3.1	UJ	3.1	UJ
Total PeCDF		NA	1.9	UJ		NA		NA	2.1	UJ	2.1	UJ
Total TCDD		NA	3.2	UJ		NA		NA	3.3	UJ	3.3	UJ
Total TCDF		NA	2.4	UJ		NA		NA	2.5	UJ	2.5	UJ
Toxicity Equivalency		NA	0.00	UJ		NA		NA	0.00	U	0.00	U
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-10D-01-AVG		OU1-MW-PC10D-07		OU1-PC-10M-01		OU1-PC-10M-02		OU1-MW-PC10M-07-AVG		OU1-MW-PC10M-07	
Sample Location	MW-PC10D		MW-PC10D		MW-PC10M		MW-PC10M		MW-PC10M		MW-PC10M	
Date Sampled	11/19/1997		1/21/2003		11/19/1997		12/4/1998		1/21/2003		1/21/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. 1		None		None		None		Field Dup. OU1-MW-PC10M-07		Field Dup. OU1-MW-PC10M-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	62.75	U	411		20.0	U	26.9	U	107	U	107	U
Antimony	50.0	U	1.8	U	50.0	U	4.0	UJ	1.8	U	1.8	U
Arsenic	2.75		3.6	U	1.0	U	2.0	U	3.6	U	3.6	U
Barium	56.0		41.4		36.2		36.9		18.9		19.5	
Beryllium	1.0	U	0.25	UJ	1.0	U	0.60	U	0.20	U	0.20	U
Cadmium	2.0	U	0.30	U	2.0	U	0.40	U	0.30	U	0.30	U
Calcium	109500		57900		25400		28500		15900		16300	
Chromium	5.0	U	2.9		5.3	J	15.9		1.8		1.8	
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	3.0	U	3.8		3.7	J	3.2	U	2.2		2.4	
Copper	2.0	U	3.0		6.1	U	9.1		6.6		7.1	
Cyanide		NA	3.2	UJ		NA	4.0		1.2	UJ	1.2	UJ
Iron	68.75	U	538		138	U	92.1	UJ	118		198	
Lead	1.25	U	1.3	U	1.0	UJ	3.9	UJ	1.3	U	1.3	U
Magnesium	17150		17500		11000		12400		6180		6300	
Manganese	653		1760		1760		2020		996		993	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	18.25	U	17.5		38.4	U	54.0		21.4		20.7	
Potassium	10850		7490	J	4220		4710		2770		2850	J
Selenium	1.0	U	3.0	UJ	1.0	UJ	1.9	U	2.1	U	2.1	U
Silver	3.0	U	0.80	U	3.0	U	1.1	U	0.80	U	0.80	U
Sodium	246000		200000		140000		145000		80800		84900	
Thallium	1.0	U	3.8	U	1.0	U	3.6	U	3.8	U	3.8	U
Vanadium	4.45	U	2.6	U	3.0	U	2.9	U	0.84	UJ	0.84	UJ
Zinc	295.5		0.60	UJ	337		5.9	U	20.1		13.1	J
Wet Chemistry Analysis												
Alkalinity	120		132		81.2	J	79.7		74.0		72.0	
Carbon Dioxide		NA	129			NA		NA	96.5		92.1	
Chloride	213		140		94.5		86.4		25.9		26.8	
Ferrous Iron		NA	0.040	J		NA		NA	0.030	UJ	0.030	UJ
Nitrate		NA	13.6			NA		NA	4.2		4.24	
Nitrate-Nitrite (as N)	7.53			NA	6.66		9.3	J		NA		NA
Nitrite-N		NA	0.090			NA		NA	0.050	U	0.050	U
Sulfate	409		374		189	J	222	J	136		147	
Sulfide		NA	0.50	U		NA		NA	0.50	U	0.50	U
Total Organic Carbon		NA	6.35			NA		NA	3.5		4.65	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	7	J	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	2	J	10	U	10	U	10	U	10	U
1,1-Dichloroethene	4		10	U	10	U	0.9	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U	10	U
1,2-Dibromoethane	10	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U	11			NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U	10	U
1,4-Dioxane	100	UJ		NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	UJ	10	UJ	10	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	U	10	UJ	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		R	10	U	10	U	10	U
Acetone	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	UJ	10	U	10	U
cis-1,2-Dichloroethene	39			NA		NA	6		6	J
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA	10	UJ	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U	10	U
Methyl tert-Butyl Ether	10	U		NA		NA	10	U	10	U
Methylcyclohexane	10	U		NA		NA	10	U	10	U
Methylene Chloride	10	U	10	U	10	U	10	UJ	10	UJ
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	1	J	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	400		7	J	26		49		51	
Trichlorofluoromethane	10	U		NA		NA	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	3	J	10	U	10	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA		NA	10.0	U	10.0	U
Ethene	10.0	U		NA		NA	10.0	U	10.0	U
Methane	5.0	U		NA		NA	5.0	U	5.0	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene		NA	10	UJ	10	U		NA		NA
1,2-Dichlorobenzene		NA	10	UJ	10	U		NA		NA
1,3-Dichlorobenzene		NA	10	UJ	10	U		NA		NA
1,4-Dichlorobenzene		NA	10	UJ	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	UJ	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	UJ	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	UJ	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	UJ	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	UJ	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	UJ	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	UJ	10	U	10	U	10	U
2-Chlorophenol	10	U	10	UJ	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	UJ	10	U	10	U	10	U
2-Methylphenol	10	U	10	UJ	10	U	10	U	10	U
2-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
2-Nitrophenol	10	U	10	UJ	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	UJ	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	UJ	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	UJ	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	UJ	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	UJ	10	U	10	U	10	U
4-Methylphenol	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	UJ	25	UJ	25	U	25	U	25	U
Acenaphthene	10	U	10	UJ	10	U	10	U	10	U
Acenaphthylene	10	U	10	UJ	10	U	10	U	10	U
Acetophenone	10	U		NA		NA	10	U	10	U
Anthracene	10	U	10	UJ	10	U	10	U	10	U
Atrazine	10	UJ		NA		NA	10	U	10	U
Benzaldehyde	10	U		NA		NA	10	UJ	10	UJ
Benzo(a)anthracene	10	U	10	UJ	10	U	10	U	10	U
Benzo(a)pyrene	10	UJ	10	UJ	10	U	10	U	10	U
Benzo(b)fluoranthene	10	UJ	10	UJ	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	UJ	10	UJ	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	UJ	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	UJ	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	UJ	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	UJ	10	U	10	U	10	U
Caprolactam	18			NA		NA	10	U	10	U
Carbazole	10	U	10	UJ	10	U	10	U	10	U
Chrysene	10	U	10	UJ	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	UJ	10	UJ	10	U	10	U	10	U
Dibenzofuran	10	U	10	UJ	10	U	10	U	10	U
Diethylphthalate	10	U	10	UJ	10	U	10	U	10	U
Dimethylphthalate	10	U	10	UJ	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	UJ	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ	10	UJ	10	U	10	UJ	10	UJ
Fluoranthene	10	U	10	UJ	10	U	10	U	10	U
Fluorene	10	U	10	UJ	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	UJ	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	UJ	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U		R	10	U	10	U	10	U
Hexachloroethane	10	U	10	UJ	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	UJ	10	U	10	U	10	U
Naphthalene	10	U	10	UJ	10	U	10	U	10	U
Nitrobenzene	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	UJ	10	U	10	U	10	U
Pentachlorophenol	25	UJ	25	UJ	25	U	25	U	25	U
Phenanthrene	10	U	10	UJ	10	U	10	U	10	U
Phenol	10	U	10	UJ	10	U	10	U	10	U
Pyrene	10	U	10	UJ	10	U	10	U	10	U
Total PAH		NA	10	U	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U	0.20	U
Chrysene	0.20	U		NA		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U	0.20	U
Phenanthrene	0.20	U		NA		NA	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	1.0	UJ	1.0	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U		R	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.10	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	7.5	U		NA		NA	44.6		82.1	J
1,2,3,4,6,7,8-HpCDF	3.7	U		NA		NA	6.2		8.3	J
1,2,3,4,7,8,9-HpCDF	4.7	U		NA		NA	7.3	U	7.3	U
1,2,3,4,7,8-HxCDD	4.6	U		NA		NA	6.5	U	6.5	U
1,2,3,4,7,8-HxCDF	2.8	U		NA		NA	4.0	U	4.0	U
1,2,3,6,7,8-HxCDD	4.6	U		NA		NA	6.5	U	6.5	U
1,2,3,6,7,8-HxCDF	2.6	U		NA		NA	3.8	U	3.8	U
1,2,3,7,8,9-HxCDD	4.5	U		NA		NA	6.3	U	6.3	U
1,2,3,7,8,9-HxCDF	3.3	U		NA		NA	4.7	U	4.7	U
1,2,3,7,8-PeCDD	3.1	U		NA		NA	4.4	U	4.4	U
1,2,3,7,8-PeCDF	2.1	U		NA		NA	2.9	U	2.9	U
2,3,4,6,7,8-HxCDF	3.0	U		NA		NA	4.3	U	4.3	U
2,3,4,7,8-PeCDF	2.2	U		NA		NA	3.0	U	3.0	U
2,3,7,8-TCDD	3.5	U		NA		NA	5.1	U	5.1	U
2,3,7,8-TCDF	2.6	U		NA		NA	3.7	U	3.7	U
OCDD	10.1	U		NA		NA	356		700	J
OCDF	8.0	U		NA		NA	13.3	U	13.3	U
Total HpCDD	7.5	UJ		NA		NA	71.1		135	J
Total HpCDF	4.1	UJ		NA		NA	10.9		17.3	EMPC
Total HxCDD	4.6	UJ		NA		NA	6.4	UJ	6.4	UJ
Total HxCDF	2.9	UJ		NA		NA	6.6	UEMPC	6.6	UEMPC
Total PeCDD	3.1	UJ		NA		NA	4.4	UJ	4.4	UJ
Total PeCDF	2.2	UJ		NA		NA	3.0	UJ	3.0	UJ
Total TCDD	3.5	UJ		NA		NA	5.1	UJ	5.1	UJ
Total TCDF	2.6	UJ		NA		NA	3.7	UJ	3.7	UJ
Toxicity Equivalency	0.00	U		NA		NA	0.48		0.97	J
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP20-07		OU1-PC-10S-01		OU1-PC-10S-02		OU1-MW-PC10S-07-AVG		OU1-MW-PC10S-07	
Sample Location	MW-PC10M		MW-PC10S		MW-PC10S		MW-PC10S		MW-PC10S	
Date Sampled	1/21/2003		11/19/1997		12/4/1998		1/16/2003		1/16/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC10M-07		None		None		Field Dup. OU1-MW-PC10S-07		Field Dup. OU1-MW-PC10S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	61.9	U	20.0	U	91.7	U	129	U	129	U
Antimony	1.8	U	50.0	U	4.0	UJ	3.5	U	3.5	U
Arsenic	3.6	U	3.1		7.2	U	2.3	U	2.3	U
Barium	18.2		91.9		49.1		35.6		44.9	U
Beryllium	0.20	U	1.0	U	0.60	U	1.1	U	1.1	U
Cadmium	0.30	U	19.7	U	30.6		30.4		30.8	
Calcium	15500		49700		36500		22200		22700	
Chromium	1.8		5.0	U	2.6		1.7		0.92	U
Chromium VI		NA		NA		NA		NA		NA
Cobalt	2.0		10.4		58.7		10.8		9.4	
Copper	6.2		15.7	U	12.2		797		763	
Cyanide	1.3	UJ		NA	2.0	J	3.1	UJ	3.1	UJ
Iron	77.2	U	13000		11200		19.5	U	19.5	U
Lead	1.3	U	3.3	UJ	11.6		37.2		37.1	
Magnesium	6070		6480		7300		5720		5950	J
Manganese	1000		657		1660		988		998	
Mercury	0.10	U	0.10	U	0.10		0.10	U	0.10	U
Nickel	22.0		246		1330		647		657	
Potassium	2690	J	11600		7670		3180		2960	J
Selenium	3.9	UJ	1.3	J	1.9	U	2.2	UJ	2.2	UJ
Silver	0.80	U	3.0	U	1.3	J	0.80	UJ	0.80	UJ
Sodium	76700		40700		58700		16000		16700	
Thallium	3.8	U	1.0	U	4.4	UJ	4.0	U	4.0	U
Vanadium	0.70	U	3.3	UJ	2.9	U	3.4		2.8	
Zinc	27.2	J	1210		415		258		247	
Wet Chemistry Analysis										
Alkalinity	76.0	J	47.0	J	16.6	U	19.0		20.0	
Carbon Dioxide	101	J		NA		NA	52.2		51.6	J
Chloride	25.1		15.4		7.8	U	4.2		4.09	
Ferrous Iron	0.030	UJ		NA		NA	0.030	U	0.030	U
Nitrate	4.2			NA		NA	3.3		3.3	
Nitrate-Nitrite (as N)		NA	0.92		2.0	J		NA		NA
Nitrite-N	0.050	U		NA		NA	0.050	U	0.050	U
Sulfate	124		174	J	252	J	75.0		73.1	
Sulfide		R		NA		NA	0.44		0.50	U
Total Organic Carbon	2.26			NA		NA	2.9		3.0	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U		NA		NA		NA		NA		NA
1,1-Dichloroethane	10	U		NA		NA		NA		NA		NA
1,1-Dichloroethene	0.9	U		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2-Dichloroethane	10	U		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,4-Dioxane	100	UJ		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	UJ		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	UJ		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		NA		NA		NA		NA		NA
Acetone	10	UJ		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA		NA		NA		NA		NA
Bromoform	10	U		NA		NA		NA		NA		NA
Bromomethane	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U		NA		NA		NA		NA		NA
Carbon Tetrachloride	10	U		NA		NA		NA		NA		NA
Chlorobenzene	10	U		NA		NA		NA		NA		NA
Chloroethane	10	U		NA		NA		NA		NA		NA
Chloroform	10	U		NA		NA		NA		NA		NA
Chloromethane	10	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	6	J		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U		NA		NA		NA		NA		NA
Cyclohexane	10	U		NA		NA		NA		NA		NA
Dibromochloromethane	10	U		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA		NA		NA		NA
Methylcyclohexane	10	U		NA		NA		NA		NA		NA
Methylene Chloride	10	UJ		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U		NA		NA		NA		NA		NA
Total Xylenes	10	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U		NA		NA		NA		NA		NA
Trichloroethene	47			NA		NA		NA		NA		NA
Trichlorofluoromethane	10	U		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA		NA		NA		NA		NA
Ethene	10.0	U		NA		NA		NA		NA		NA
Methane	5.0	U		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	140		370		740		180		5.5	
1,1-Dichloroethane		NA	62		130		120		52		4.8	
1,1-Dichloroethene		NA	110		190		260		70		3	
1,2-Dichloroethane		NA	10	U	20	U	100	U	10	U	1	U
Benzene		NA	10	U	21		100	U	10	U	1	U
Chlorobenzene		NA	13		28		100	U	16		5.2	
cis-1,2-Dichloroethene		NA	80		170		180		54		2.8	
Ethylbenzene		NA	10	U	20	U	100	U	10	U	1	U
m&p-Xylene		NA	10	U	20	U	100	U	10	U	1.4	
o-Xylene		NA	10	U	20	U	100	U	10	U	1	U
Tetrachloroethene		NA	10	U	20	U	100	U	10	U	1.7	
Toluene		NA	10	U	20	U	100	U	10	U	1.6	
trans-1,2-Dichloroethene		NA	10	U	20	U	100	U	10	U	1	U
Trichloroethene		NA	10	U	20	U	100	U	10	U	2	
Vinyl Chloride		NA	17		22		100	U	10	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dimethylphenol	10	U		NA		NA		NA		NA		NA
2,4-Dinitrophenol	25	U		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2-Chloronaphthalene	10	U		NA		NA		NA		NA		NA
2-Chlorophenol	10	U		NA		NA		NA		NA		NA
2-Methylnaphthalene	10	U		NA		NA		NA		NA		NA
2-Methylphenol	10	U		NA		NA		NA		NA		NA
2-Nitroaniline	25	U		NA		NA		NA		NA		NA
2-Nitrophenol	10	U		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA		NA
4-Chloroaniline	10	UJ		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Methylphenol	10	U		NA		NA		NA		NA		NA
4-Nitroaniline	25	U		NA		NA		NA		NA		NA
4-Nitrophenol	25	U		NA		NA		NA		NA		NA
Acenaphthene	10	U		NA		NA		NA		NA		NA
Acenaphthylene	10	U		NA		NA		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA
Anthracene	10	U		NA		NA		NA		NA		NA
Atrazine	10	U		NA		NA		NA		NA		NA
Benzaldehyde	10	UJ		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	10	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA		NA
Butylbenzylphthalate	10	U		NA		NA		NA		NA		NA
Caprolactam	10	U		NA		NA		NA		NA		NA
Carbazole	10	U		NA		NA		NA		NA		NA
Chrysene	10	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA		NA		NA		NA		NA
Dibenzofuran	10	U		NA		NA		NA		NA		NA
Diethylphthalate	10	U		NA		NA		NA		NA		NA
Dimethylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-Butylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-octylphthalate	10	UJ		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA		NA		NA		NA		NA
Fluorene	10	U		NA		NA		NA		NA		NA
Hexachlorobenzene	10	U		NA		NA		NA		NA		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA		NA
Hexachloroethane	10	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA		NA		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA		NA
Nitrobenzene	10	U		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA		NA
Pentachlorophenol	25	U		NA		NA		NA		NA		NA
Phenanthrene	10	U		NA		NA		NA		NA		NA
Phenol	10	U		NA		NA		NA		NA		NA
Pyrene	10	U		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA
Aldrin	0.050	U		NA		NA		NA		NA		NA
alpha-BHC	0.050	U		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	U		NA		NA		NA		NA		NA
delta-BHC	0.050	U		NA		NA		NA		NA		NA
Dieldrin	0.050	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U		NA		NA		NA		NA		NA
Endosulfan II	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA
Endrin	0.050	U		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA
gamma-BHC	0.050	U		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA
Heptachlor	0.020	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA		NA		NA		NA		NA
Methoxychlor	0.50	U		NA		NA		NA		NA		NA
Toxaphene	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	14.4	UJ		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	8.0	U		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	10.2	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	8.4	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	5.4	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	8.3	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	5.1	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	8.1	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	6.3	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	5.4	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	3.6	U		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	5.7	U		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	3.7	U		NA		NA		NA		NA		NA
2,3,7,8-TCDD	5.5	U		NA		NA		NA		NA		NA
2,3,7,8-TCDF	4.5	U		NA		NA		NA		NA		NA
OCDD	23.0	UJ		NA		NA		NA		NA		NA
OCDF	18.2	U		NA		NA		NA		NA		NA
Total HpCDD	14.4	UJ		NA		NA		NA		NA		NA
Total HpCDF	9.0	UJ		NA		NA		NA		NA		NA
Total HxCDD	8.3	UJ		NA		NA		NA		NA		NA
Total HxCDF	5.6	UJ		NA		NA		NA		NA		NA
Total PeCDD	5.4	UJ		NA		NA		NA		NA		NA
Total PeCDF	3.7	UJ		NA		NA		NA		NA		NA
Total TCDD	5.5	UJ		NA		NA		NA		NA		NA
Total TCDF	4.5	UJ		NA		NA		NA		NA		NA
Toxicity Equivalency	0.00	UJ		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-DUP19-07		OU2-DP1-1-1214		OU2-DP1-1-2224		OU2-DP1-1-3234		OU2-DP1-1-4345		OU2-DP1-1-5456	
Sample Location	MW-PC10S		DP1-1		DP1-1		DP1-1		DP1-1		DP1-1	
Date Sampled	1/16/2003		7/28/1997		7/28/1997		7/28/1997		7/28/1997		7/28/1997	
Interval	0.0-0.0		12.0-14.0		22.0-24.0		32.0-34.0		43.0-45.0		54.0-56.0	
QC Identifier	Field Dup. OU1-MW-PC10S-07		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	205	U		NA		NA		NA		NA		NA
Antimony	3.5	U		NA		NA		NA		NA		NA
Arsenic	2.3	U		NA		NA		NA		NA		NA
Barium	48.8			NA		NA		NA		NA		NA
Beryllium	1.1	U		NA		NA		NA		NA		NA
Cadmium	30.0			NA		NA		NA		NA		NA
Calcium	21800			NA		NA		NA		NA		NA
Chromium	2.9			NA		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	12.3			NA		NA		NA		NA		NA
Copper	831			NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	19.5	U		NA		NA		NA		NA		NA
Lead	37.4			NA		NA		NA		NA		NA
Magnesium	5500			NA		NA		NA		NA		NA
Manganese	977			NA		NA		NA		NA		NA
Mercury	0.10	U		NA		NA		NA		NA		NA
Nickel	636			NA		NA		NA		NA		NA
Potassium	3400	J		NA		NA		NA		NA		NA
Selenium	2.2	UJ		NA		NA		NA		NA		NA
Silver	0.80	UJ		NA		NA		NA		NA		NA
Sodium	15400	J		NA		NA		NA		NA		NA
Thallium	4.0	U		NA		NA		NA		NA		NA
Vanadium	4.1			NA		NA		NA		NA		NA
Zinc	270	J		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	18.0			NA		NA		NA		NA		NA
Carbon Dioxide	52.7	J		NA		NA		NA		NA		NA
Chloride	4.33			NA		NA		NA		NA		NA
Ferrous Iron	0.030	U		NA		NA		NA		NA		NA
Nitrate	3.3			NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N	0.050	U		NA		NA		NA		NA		NA
Sulfate	76.8			NA		NA		NA		NA		NA
Sulfide	0.64			NA		NA		NA		NA		NA
Total Organic Carbon	2.79			NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	6	J	9	J	10	U		NA	93	J
1,1,2,2-Tetrachloroethane		NA	10	U	10	U	10	U		NA	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane		NA	10	U	10	U	10	U		NA	100	U
1,1-Dichloroethane		NA	15		16		10	U		NA	100	U
1,1-Dichloroethene		NA	4	J	24		0.9	U		NA	35	J
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	UJ		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U		NA		NA
1,2-Dibromoethane		NA		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA		NA
1,2-Dichloroethane		NA	10	U	10	U	10	U		NA	100	U
1,2-Dichloroethene (total)		NA	8	J	42			NA		NA	39	J
1,2-Dichloropropane		NA	10	U	10	U	10	U		NA	100	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA	10	U	10	U	10	U		NA	100	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA	10	UJ	10	U	10	UJ		NA	100	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	UJ	10	U	6	J		NA	100	U
Acetone		NA	10	UJ	10	U	25			NA	100	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA	10	U	10	U	10	U		NA	100	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	10	U	10	U	10	U		NA	100	U
Bromoform		NA	10	U	10	U	10	U		NA	100	U
Bromomethane		NA	10	U	10	U	10	U		NA	100	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Carbon Disulfide		NA	10	U	10	U	10	U		NA	100	U
Carbon Tetrachloride		NA	10	U	10	U	10	U		NA	100	UJ
Chlorobenzene		NA	10	U	15		10	U		NA	100	U
Chloroethane		NA	10	U	10	U	10	U		NA	100	U
Chloroform		NA	10	U	10	U	10	U		NA	100	U
Chloromethane		NA	10	U	10	U	10	U		NA	100	U
cis-1,2-Dichloroethene		NA		NA		NA	2	J		NA		NA
cis-1,3-Dichloropropene		NA	10	U	10	U	10	U		NA	100	U
Cyclohexane		NA		NA		NA	10	U		NA		NA
Dibromochloromethane		NA	10	U	10	U	10	U		NA	100	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	U		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA	10	U	10	U	10	U		NA	100	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA	10	U		NA		NA
Methylcyclohexane		NA		NA		NA	10	U		NA		NA
Methylene Chloride		NA	10	U	15	U	10	U		NA	110	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA	10	U	10	U	10	U		NA	100	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	10	U	2	J	10	U		NA	100	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA	10	U	10	U	10	U		NA	100	U
Total Xylenes		NA	10	U	10	U	10	U		NA	100	U
trans-1,2-Dichloroethene		NA		NA		NA	4	J		NA		NA
trans-1,3-Dichloropropene		NA	10	U	10	U	10	U		NA	100	U
Trichloroethene		NA	3	J	1500	*	10	U		NA	1400	
Trichlorofluoromethane		NA		NA		NA	10	U		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	10	U	3	J	1	U		NA	100	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Ethane		NA		NA		NA	10.0	U		NA		NA
Ethene		NA		NA		NA	10.0	U		NA		NA
Methane		NA		NA		NA	900			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	5.2			NA		NA		NA		NA		NA
1,1-Dichloroethane	6.7			NA		NA		NA		NA		NA
1,1-Dichloroethene	2.6			NA		NA		NA		NA		NA
1,2-Dichloroethane	1	U		NA		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA		NA		NA
Chlorobenzene	1.8			NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	2			NA		NA		NA		NA		NA
Ethylbenzene	1	U		NA		NA		NA		NA		NA
m&p-Xylene	1	U		NA		NA		NA		NA		NA
o-Xylene	1	U		NA		NA		NA		NA		NA
Tetrachloroethene	1	U		NA		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U		NA		NA		NA		NA		NA
Trichloroethene	1.9			NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA	10	UJ	10	U		NA	10	U
2,4,5-Trichlorophenol		NA		NA	25	U	25	U		NA	25	U
2,4,6-Trichlorophenol		NA		NA	10	U	10	U		NA	10	U
2,4-Dichlorophenol		NA		NA	10	U	10	U		NA	10	U
2,4-Dimethylphenol		NA		NA	10	U	10	U		NA	10	U
2,4-Dinitrophenol		NA		NA		R	25	U		NA		R
2,4-Dinitrotoluene		NA		NA	10	U	10	U		NA	10	U
2,6-Dinitrotoluene		NA		NA	10	U	10	U		NA	10	U
2-Chloronaphthalene		NA		NA	10	U	10	U		NA	10	U
2-Chlorophenol		NA		NA	10	U	10	U		NA	10	U
2-Methylnaphthalene		NA		NA	10	U	10	U		NA	10	U
2-Methylphenol		NA		NA	10	U	10	U		NA	10	U
2-Nitroaniline		NA		NA	25	U	25	U		NA	25	U
2-Nitrophenol		NA		NA	10	U	10	U		NA	10	U
3,3'-Dichlorobenzidine		NA		NA	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
3-Nitroaniline		NA		NA	25	U	25	U		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA	25	U	25	U		NA	25	U
4-Bromophenyl-phenylether		NA		NA	10	U	10	U		NA	10	U
4-Chloro-3-methylphenol		NA		NA	10	U	10	U		NA	10	U
4-Chloroaniline		NA		NA	10	U	10	UJ		NA	10	U
4-Chlorophenyl-phenylether		NA		NA	10	U	10	U		NA	10	U
4-Methylphenol		NA		NA	10	U	2	J		NA	10	U
4-Nitroaniline		NA		NA	25	U	25	U		NA	25	U
4-Nitrophenol		NA		NA	1	J	25	U		NA	25	U
Acenaphthene		NA		NA	10	U	10	U		NA	10	U
Acenaphthylene		NA		NA	10	U	10	U		NA	10	U
Acetophenone		NA		NA		NA	2	J		NA		NA
Anthracene		NA		NA	10	U	10	U		NA	10	U
Atrazine		NA		NA		NA	10	U		NA		NA
Benzaldehyde		NA		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene		NA		NA	10	U	10	U		NA	10	U
Benzo(a)pyrene		NA		NA	10	U	10	U		NA	10	U
Benzo(b)fluoranthene		NA		NA	10	U	10	U		NA	10	U
Benzo(g,h,i)perylene		NA		NA	10	U	10	U		NA	10	U
Benzo(k)fluoranthene		NA		NA	10	U	10	U		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA	10	U	10	U		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA	10	U	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA	10	U	10	U		NA	10	U
Butylbenzylphthalate		NA		NA	10	U	10	U		NA	10	U
Caprolactam		NA		NA		NA	10	U		NA		NA
Carbazole		NA		NA	10	U	10	U		NA	10	U
Chrysene		NA		NA	10	U	10	U		NA	10	U
Dibenzo(a,h)anthracene		NA		NA	10	U	10	U		NA	10	U
Dibenzofuran		NA		NA	10	U	10	U		NA	10	U
Diethylphthalate		NA		NA	10	U	10	U		NA	10	U
Dimethylphthalate		NA		NA	10	U	10	U		NA	10	U
Di-n-Butylphthalate		NA		NA	10	U	10	U		NA	10	U
Di-n-octylphthalate		NA		NA	10	U	10	U		NA	10	U
Fluoranthene		NA		NA	10	U	10	U		NA	10	U
Fluorene		NA		NA	10	U	10	U		NA	10	U
Hexachlorobenzene		NA		NA	10	U	10	U		NA	10	U
Hexachlorobutadiene		NA		NA	10	U	10	U		NA	10	U
Hexachlorocyclopentadiene		NA		NA	10	U	10	U		NA	10	U
Hexachloroethane		NA		NA	10	U	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Isophorone		NA		NA	10	U	10	U		NA	10	U
Naphthalene		NA		NA	10	U	10	U		NA	10	U
Nitrobenzene		NA		NA	10	U	10	U		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA	10	UJ	10	U		NA	10	U
N-Nitroso-diphenylamine		NA		NA	10	UJ	10	U		NA	10	U
Pentachlorophenol		NA		NA	25	UJ	25	U		NA	25	U
Phenanthrene		NA		NA	10	U	10	U		NA	10	U
Phenol		NA		NA	10	U	10	U		NA	10	U
Pyrene		NA		NA	10	U	10	U		NA	10	U
Total PAH		NA		NA	10	U		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA		NA	0.12	J		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE		NA		NA	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT		NA		NA	0.10	U	0.10	U		NA	0.10	U
Aldrin		NA		NA	0.050	U	0.050	U		NA	0.050	U
alpha-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane		NA		NA	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA		NA	1.1	U
Aroclor-1016		NA		NA	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221		NA		NA	2.0	U	0.25	U		NA	2.0	U
Aroclor-1232		NA		NA	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242		NA		NA	1.0	U	1.0	U		NA	1.0	U
Aroclor-1248		NA		NA	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254		NA		NA	1.0	U	0.25	U		NA	1.0	U
Aroclor-1260		NA		NA	1.0	U	0.25	U		NA	1.0	U
Aroclor-1262		NA		NA	1.0	UJ	0.28	U		NA	1.0	UJ
Aroclor-1268		NA		NA	1.0	U	1.0	U		NA	1.0	U
beta-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U
delta-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U
Dieldrin		NA		NA	0.10	U	0.050	U		NA	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Endosulfan I		NA		NA	0.050	U	0.050	U		NA	0.050	U
Endosulfan II		NA		NA	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate		NA		NA	0.10	U	0.10	U		NA	0.10	U
Endrin		NA		NA	0.10	U	0.050	U		NA	0.10	U
Endrin Aldehyde		NA		NA	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone		NA		NA	0.10	U	0.10	U		NA	0.10	U
gamma-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U
gamma-Chlordane		NA		NA	0.050	U	0.050	U		NA	0.050	U
Heptachlor		NA		NA	0.050	U	0.020	U		NA	0.050	U
Heptachlor Epoxide		NA		NA	0.050	U	0.020	U		NA	0.050	U
Methoxychlor		NA		NA	0.50	U	0.50	U		NA	0.50	U
Toxaphene		NA		NA	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	2.4	U		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	7.4	J		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	1.8	U		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	1.4	U		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	3.4	EMPC		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	1.4	U		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	4.1	EMPC		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	1.4	U		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	4.1	JB		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA	1.8	U		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA	3.8	JB		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	2.1	EMPC		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA	1.0	U		NA		NA
2,3,7,8-TCDD		NA		NA		NA	1.4	U		NA		NA
2,3,7,8-TCDF		NA		NA		NA	0.90	U		NA		NA
OCDD		NA		NA		NA	182			NA		NA
OCDF		NA		NA		NA	9.0	EMPC		NA		NA
Total HpCDD		NA		NA		NA	28.1	EMPC		NA		NA
Total HpCDF		NA		NA		NA	7.4			NA		NA
Total HxCDD		NA		NA		NA	1.4	U		NA		NA
Total HxCDF		NA		NA		NA	13.7	EMPC		NA		NA
Total PeCDD		NA		NA		NA	1.8	U		NA		NA
Total PeCDF		NA		NA		NA	3.8			NA		NA
Total TCDD		NA		NA		NA	1.4	U		NA		NA
Total TCDF		NA		NA		NA	0.90	U		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-1-6769		OU2-GW-11		OU1-PC-11B-01		OU1-MW-PC11B-07		OU1-MW-PC11BF-07		OU1-PC-11D-01	
Sample Location	DP1-1		GW-11		MW-PC11B		MW-PC11B		MW-PC11BF		MW-PC11D	
Date Sampled	7/28/1997		3/31/1999		12/4/1997		1/22/2003		1/22/2003		12/4/1997	
Interval	67.0-69.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Aluminum		NA		NA	83.3	U	1680		29.5	U	255	U
Antimony		NA		NA	50.0	U	1.8	U	1.8	U	50.0	U
Arsenic		NA		NA	1.4	UJ	4.7	J	4.2	J	1.2	UJ
Barium		NA		NA	28.2		544		645		37.9	
Beryllium		NA		NA	1.0	U	0.20	U	0.20	U	1.0	U
Cadmium		NA		NA	2.0	U	0.40	UJ	0.30	U	26.3	
Calcium		NA		NA	15500		130000		132000		64100	
Chromium		NA		NA	35.4		6.9		1.0	J	5.0	U
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA	3.0	U	2.0		0.97	J	120	
Copper		NA		NA	578		36.8		2.2	J	6.3	
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA	475		8000		4340		416	
Lead		NA		NA	1.2	UJ	18.9		1.3	U	1.0	U
Magnesium		NA		NA	7650		52500		52600		38700	
Manganese		NA		NA	27.0	U	1290		1290		16700	
Mercury		NA		NA	0.10	U	0.10	U	0.10	U	0.10	U
Nickel		NA		NA	65.5		6.1		2.4		228	
Potassium		NA		NA	34900		43700	J	44000	J	7980	
Selenium		NA		NA	1.3	UJ	4.5	UJ	4.0	UJ	1.0	UJ
Silver		NA		NA	3.0	U	0.80	U	0.80	U	3.0	U
Sodium		NA		NA	183000		3390000		3410000		198000	
Thallium		NA		NA	1.0	U	3.8	U	5.0	J	1.0	UJ
Vanadium		NA		NA	3.0	U	6.0		1.0	UJ	3.0	U
Zinc		NA		NA	4.0	U	86.1		21.0	J	680	
Wet Chemistry Analysis												
Alkalinity		NA		NA	83.0		140	J		NA	53.0	
Carbon Dioxide		NA		NA		NA	152	J		NA		NA
Chloride		NA		NA	130		6420			NA	256	
Ferrous Iron		NA		NA		NA	4.4			NA		NA
Nitrate		NA		NA		NA	0.38			NA		NA
Nitrate-Nitrite (as N)		NA		NA	6.7			NA		NA	19.5	
Nitrite-N		NA		NA		NA	0.050	U		NA		NA
Sulfate		NA		NA	208		6.41			NA	229	
Sulfide		NA		NA		NA	1.16	J		NA		NA
Total Organic Carbon		NA		NA		NA	37.0			NA		NA

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Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	40		26		5	J	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	1	J	10	U	10	U	10	U	10	U
1,1-Dichloroethane	12		11		3	J	20		19	
1,1-Dichloroethene	23		9	J	3		9	J	3	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA	10	UJ		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	24			NA	96			NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	19	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	2	J	2	J
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	7	J	10	U	10	U	21		12	
Chloroethane	10	U	10	U	10	U	10	U	10	U
Chloroform	6	J	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	15			NA	5	J		NA	72	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA	10	U		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	2	J	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U
Methylcyclohexane	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	4	J	3	J	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	4	J	10	U
Total Xylenes	10	U	10	U	10	U	2	J	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	6	J
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	820	*	390	*	93		93		10	U
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	4		9	J	1		57		110	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA	10.0	U		NA	10.0	U
Ethene	10.0	U		NA	10.0	U		NA	10.0	U
Methane	74.0			NA	20.0			NA	1100	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	5	J	10	U
2,4-Dinitrophenol	25	U		R	25	U		R	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	1	J	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	17		6	J	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	1	J	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	120	J	55		4	J	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	UJ	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	UJ	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	UJ	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	4	J
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	UJ	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	UJ	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	0.28	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.026		0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	10.1	J		NA	2.4	U		NA	1.7	U
1,2,3,4,6,7,8-HpCDF	3.9	EMPC		NA	1.7	U		NA	2.7	J
1,2,3,4,7,8,9-HpCDF	1.7	U		NA	2.4	U		NA	1.9	U
1,2,3,4,7,8-HxCDD	1.4	U		NA	1.8	U		NA	3.4	J
1,2,3,4,7,8-HxCDF	2.8	JB		NA	2.7	JB		NA	3.7	JB
1,2,3,6,7,8-HxCDD	1.4	U		NA	1.8	U		NA	3.4	J
1,2,3,6,7,8-HxCDF	0.90	U		NA	2.5	JB		NA	3.9	JB
1,2,3,7,8,9-HxCDD	1.4	U		NA	2.6	EMPC		NA	4.5	JB
1,2,3,7,8,9-HxCDF	2.5	JB		NA	3.1	JB		NA	5.6	JB
1,2,3,7,8-PeCDD	1.8	U		NA	2.1	U		NA	3.9	J
1,2,3,7,8-PeCDF	2.7	EMPC		NA	3.7	JB		NA	5.5	EMPC
2,3,4,6,7,8-HxCDF	1.0	U		NA	2.8	EMPC		NA	3.9	JB
2,3,4,7,8-PeCDF	1.1	U		NA	3.3	J		NA	4.8	J
2,3,7,8-TCDD	1.5	U		NA	1.9	U		NA	1.3	U
2,3,7,8-TCDF	1.1	U		NA	1.5	U		NA	1.8	EMPC
OCDD	49.8	JB		NA	12.0	JB		NA	5.7	EMPC
OCDF	7.9	JB		NA	3.6	U		NA	5.0	JB
Total HpCDD	15.6			NA	2.4	U		NA	1.7	U
Total HpCDF	3.9	EMPC		NA	2.0	U		NA	2.7	
Total HxCDD	1.4	U		NA	16.1	EMPC		NA	25.1	EMPC
Total HxCDF	5.3			NA	11.1	EMPC		NA	17.1	
Total PeCDD	1.8	U		NA	3.1	EMPC		NA	6.7	EMPC
Total PeCDF	2.7	EMPC		NA	6.9			NA	10.4	EMPC
Total TCDD	1.5	U		NA	1.9	U		NA	1.8	EMPC
Total TCDF	1.1	U		NA	1.5	U		NA	1.8	EMPC
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC11D-07		OU1-PC-11M-01		OU1-MW-PC11M-07		OU1-PC-11S-01		OU1-MW-PC11S-07	
Sample Location	MW-PC11D		MW-PC11M		MW-PC11M		MW-PC11S		MW-PC11S	
Date Sampled	1/22/2003		12/4/1997		1/22/2003		12/4/1997		1/22/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	492		20.0	U	35.0	UJ	22.8	UJ	29.5	U
Antimony	1.8	U	50.0	U	1.8	U	50.0	U	1.8	U
Arsenic	3.6	U	1.2	UJ	3.6	U	32.2		47.7	
Barium	69.4		41.1		26.9		282		187	
Beryllium	0.20	U	1.0	U	0.20	U	1.0	U	0.20	U
Cadmium	18.6		25.4		3.2		2.0	U	0.30	U
Calcium	40800		52400		14000		41300		51300	
Chromium	3.8		5.0	U	1.7		5.0	U	1.0	J
Chromium VI		NA		NA		NA		NA		NA
Cobalt	49.5		89.6		41.2		3.0	U	0.90	U
Copper	11.6		2.8	J	6.0		23.6		1.6	J
Cyanide		NA		NA		NA		NA		NA
Iron	1080		140	U	929		10600		9750	
Lead	4.7		1.0	U	1.3	U	11.7		1.3	U
Magnesium	21300		52600		12600		94100		90800	
Manganese	9810		13500		4040		3300		3780	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	134		159		77.4		12.1	J	3.4	
Potassium	5740	J	4700		3300	J	11700		14400	J
Selenium	5.9	UJ	1.0	UJ	6.0	UJ	1.0	UJ	5.2	UJ
Silver	0.80	U	3.0	U	0.80	U	3.0	U	0.80	U
Sodium	172000		137000		108000		85400		74900	
Thallium	10.3		1.0	U	3.8	U	1.0	UJ	6.5	J
Vanadium	4.1		3.0	U	0.87	UJ	3.0	U	0.70	U
Zinc	194		219		134		15.8	U	0.60	UJ
Wet Chemistry Analysis										
Alkalinity	60.0	J	170		60.0	J	370		340	J
Carbon Dioxide	113	J		NA	101	J		NA	347	J
Chloride	221		203		49.9		64.7		78.1	
Ferrous Iron	0.080			NA	0.58			NA	5.6	
Nitrate	8.14			NA	0.065			NA	0.050	U
Nitrate-Nitrite (as N)		NA	3.28			NA	0.10	U		NA
Nitrite-N	0.105			NA	0.050	U		NA	0.050	U
Sulfate	258		173		206		186		247	
Sulfide		R		NA		R		NA		R
Total Organic Carbon	8.38			NA	4.27			NA	19.8	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	5000	U		NA	180			NA		NA	19	
1,1,2,2-Tetrachloroethane	5000	U		NA	10	U		NA		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	5000	U		NA	10	U		NA		NA	10	U
1,1-Dichloroethane	5000	U		NA	65			NA		NA	8	J
1,1-Dichloroethene	5000	U		NA	140			NA		NA	6	J
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	5000	U		NA	10	U		NA		NA	10	U
1,2-Dichloroethene (total)	5000	U		NA	91			NA		NA	10	
1,2-Dichloropropane	5000	U		NA	10	U		NA		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	5000	U		NA	10	U		NA		NA	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	5000	U		NA	10	U		NA		NA	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	5000	U		NA	10	U		NA		NA	10	UJ
Acetone	5800	JTB		NA	10	UJ		NA		NA	30	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	5000	U		NA	1	J		NA		NA	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	5000	U		NA	10	U		NA		NA	10	U
Bromoform	5000	U		NA	10	U		NA		NA	10	U
Bromomethane	5000	U		NA	10	U		NA		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	5000	UJ		NA	10	U		NA		NA	10	U
Carbon Tetrachloride	5000	U		NA	10	UJ		NA		NA	10	U
Chlorobenzene	5000	U		NA	11			NA		NA	10	U
Chloroethane	5000	UJ		NA	10	U		NA		NA	10	U
Chloroform	5000	U		NA		R		NA		NA	10	U
Chloromethane	5000	U		NA	10	U		NA		NA	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	5000	U		NA	10	U		NA		NA	10	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	5000	U		NA	10	U		NA		NA	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	1200	J		NA	10	U		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	5000	U		NA	10	U		NA		NA	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	5000	U		NA	10	U		NA		NA	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	5000	U		NA	10	U		NA		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	62000	J		NA	10	U		NA		NA	10	U
Total Xylenes	8000			NA	10	U		NA		NA	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	5000	U		NA	10	U		NA		NA	10	U
Trichloroethene	5000	U		NA	8	J		NA		NA	6	J
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	5000	U		NA	14			NA		NA	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	5000	U	500	U	200		100		180			NA
1,1-Dichloroethane	5000	U	500	U	75		74		80			NA
1,1-Dichloroethene	5000	U	500	U	150		140		140			NA
1,2-Dichloroethane	5000	U	500	U	10	U	10	U	10	U		NA
Benzene	5000	U	500	U	10	U	10	U	10	U		NA
Chlorobenzene	5000	U	880		16		15		15			NA
cis-1,2-Dichloroethene	5000	U	500	U	110		96		100			NA
Ethylbenzene	5000	U	500	U	10	U	10	U	10	U		NA
m&p-Xylene	12000		4500		10	U	10	U	10	U		NA
o-Xylene	5000	U	500	U	10	U	10	U	10	U		NA
Tetrachloroethene	5000	U	500	U	10	U	10	U	10	U		NA
Toluene	94000		6400		10	U	10	U	10	U		NA
trans-1,2-Dichloroethene	5000	U	500	U	10	U	10	U	10	U		NA
Trichloroethene	5000	U	500	U	10		11		10	U		NA
Vinyl Chloride	5000	U	500	U	15		16		14	U		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dimethylphenol		NA		NA		NA		NA		NA	10	U
2,4-Dinitrophenol		NA		NA		NA		NA		NA	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	10	U

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Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA		NA	25	UJ
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA		NA	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA		NA	10	U
4-Nitroaniline		NA		NA		NA		NA		NA	25	UJ
4-Nitrophenol		NA		NA		NA		NA		NA	25	U
Acenaphthene		NA		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	10	U
Butylbenzylphthalate		NA		NA		NA		NA		NA	10	U
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA	10	UJ
Chrysene		NA		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	10	U
Dibenzofuran		NA		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA		NA	10	U
Fluoranthene		NA		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	10	U
Hexachloroethane		NA		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	10	U

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Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA		NA	10	U
Nitrobenzene		NA		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA		NA	25	U
Phenanthrene		NA		NA		NA		NA		NA	10	U
Phenol		NA		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA		NA	10	U
Total PAH		NA		NA		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA

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Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	AA-DPA1-2-1015		AA-DPA1-2-1520		OU2-DP1-2-0810		OU2-DP1-2-1921		OU2-DP1-2-2931		OU2-GW-12	
Sample Location	AA-DPA1-2		AA-DPA1-2		DP1-2		DP1-2		DP1-2		GW-12	
Date Sampled	9/9/1997		9/9/1997		7/28/1997		7/28/1997		7/28/1997		3/31/1999	
Interval	10.0-15.0		15.0-20.0		8.0-10.0		19.0-21.0		29.0-31.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	78.9	U		NA	83.3	U		NA		NA		NA
Antimony	25.2	U		NA	27.3	U		NA		NA		NA
Arsenic	328			NA	1.8	U		NA		NA		NA
Barium	254			NA	276			NA		NA		NA
Beryllium	2.3	U		NA	0.35	U		NA		NA		NA
Cadmium	4.3	UJ		NA	2.6	U		NA		NA		NA
Calcium	72000			NA	62600			NA		NA		NA
Chromium	6.3	U		NA	2.9	U		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	16.6			NA	84.0			NA		NA		NA
Copper	5.2	U		NA	2.5	U		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	107000	J		NA	7480			NA		NA		NA
Lead	0.90	UJ		NA		R		NA		NA		NA
Magnesium	17900			NA	17200			NA		NA		NA
Manganese	18400			NA	7700			NA		NA		NA
Mercury	0.20	U		NA	0.10	U		NA		NA		NA
Nickel	13.8	U		NA	46.5			NA		NA		NA
Potassium	7330			NA	8870			NA		NA		NA
Selenium	1.4	U		NA		R		NA		NA		NA
Silver	3.7	U		NA	3.0	UJ		NA		NA		NA
Sodium	32300			NA	133000			NA		NA		NA
Thallium	0.80	UJ		NA		R		NA		NA		NA
Vanadium	3.0	U		NA	5.1			NA		NA		NA
Zinc	39.2	UJ		NA	134	J		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	71	J	17		100		110		1	J
1,1,2,2-Tetrachloroethane	250	U	10	U	375	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	250	U	10	U	375	U	5	J	10	U
1,1-Dichloroethane	250	U	4	J	375	U	37		8	J
1,1-Dichloroethene	250	U	9		375	U	87		10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U		NA
1,2-Dibromoethane		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	250	U	10	U	375	U	4	J	10	U
1,2-Dichloroethene (total)	490			NA	645			NA	13	
1,2-Dichloropropane	250	U	10	U	375	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dioxane		NA	100	UJ		NA	350	J		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	250	U	10	U	375	U	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	250	U	10	UJ	375	U	10	UJ	2	J
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	250	U	10	U	375	U	10	U	10	U
Acetone	250	U	10	UJ	375	U	10	UJ	6	J
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	250	U	10	U	375	U	6	J	10	
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	250	U	10	U	375	U	10	U	10	U
Bromoform	250	U	10	U	375	U	10	U	10	U
Bromomethane	250	UJ	10	U	375	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Carbon Disulfide	250	U	10	U	375	U	10	U	10	U
Carbon Tetrachloride	250	U	10	U	375	U	10	U	10	U
Chlorobenzene	250	U	4	J	375	U	110		170	
Chloroethane	250	U	10	U	375	U	10	U	10	U
Chloroform	250	U	5	J	375	U	26		10	U
Chloromethane	250	U	10	U	375	U	10	U	10	U
cis-1,2-Dichloroethene		NA	15			NA	300			NA
cis-1,3-Dichloropropene	250	U	10	U	375	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA
Dibromochloromethane	250	U	10	U	375	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	U		NA	10	UJ		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	250	U	10	U	375	U	2	J	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether		NA	10	U		NA	10	U		NA
Methylcyclohexane		NA	10	U		NA	10	U		NA
Methylene Chloride	250	U	17		375	U	79	J	10	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	250	U	10	U	375	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	250	U	1	J	375	U	20		10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	250	U	10	U	375	U	50		3	J
Total Xylenes	250	U	10	U	375	U	30		10	U
trans-1,2-Dichloroethene		NA	10	U		NA	3	J		NA
trans-1,3-Dichloropropene	250	U	10	U	375	U	10	U	10	U
Trichloroethene	3200		1300	*	4150		7200	*	10	U
Trichlorofluoromethane		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	97	J	2		330		73		60	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA	10.0	U		NA
Ethene		NA		NA		NA	10.0	U		NA
Methane		NA		NA		NA	280			NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA	30	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	30	U		NA	10	U
1,3-Dichlorobenzene	10	U		NA	30	U		NA	10	U
1,4-Dichlorobenzene	10	U		NA	30	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	30	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	72.5	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	30	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	30	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	30	U	10	U	10	U
2,4-Dinitrophenol	6	J	11	J	580		310	*		R
2,4-Dinitrotoluene	10	UJ	10	U	30	U	10	U	10	UJ
2,6-Dinitrotoluene	10	U	10	U	30	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	30	U	10	U	10	U
2-Chlorophenol	10	U	10	U	30	U	10	U	2	J
2-Methylnaphthalene	10	U	10	U	30	U	10	U	10	U
2-Methylphenol	10	U	10	U	30	U	10	U	10	U
2-Nitroaniline	25	U	25	U	72.5	U	25	U	25	U
2-Nitrophenol	9	J	7	J	22		30		10	U
3,3'-Dichlorobenzidine	10	U	10	U	30	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	72.5	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	6		8	J	25	U
4-Bromophenyl-phenylether	10	U	10	U	30	U	10	U	10	U
4-Chloro-3-methylphenol	1	J	10	U	30	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	30	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	30	U	10	U	10	U
4-Methylphenol	10	U	10	U	13.5		1	J	10	U
4-Nitroaniline	25	U	25	U	72.5	U	25	U	25	U
4-Nitrophenol	210	*	16	J	420		510	*	25	U
Acenaphthene	10	U	10	U	30	U	10	U	10	U
Acenaphthylene	10	U	10	U	30	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	30	U	10	U	10	U
Atrazine		NA	10	UJ		NA	10	U		NA
Benzaldehyde		NA	10	U		NA	1	J		NA
Benzo(a)anthracene	10	U	10	U	30	U	10	U	10	U
Benzo(a)pyrene	10	U		R	30	U	10	U	10	U
Benzo(b)fluoranthene	10	U		R	30	U	10	U	10	U
Benzo(g,h,i)perylene	10	U		R	30	U	10	U	10	U
Benzo(k)fluoranthene	10	U		R	30	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	30	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	30	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	23	U	1	J	40.5	U	10	U	38	U
Butylbenzylphthalate	10	U	10	U	30	U	10	U	10	U
Caprolactam		NA	12			NA	10	U		NA
Carbazole	10	U	10	U	30	U	10	U	10	U
Chrysene	10	U	10	U	30	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U		R	30	U	10	U	10	U
Dibenzofuran	10	U	10	U	30	U	10	U	10	U
Diethylphthalate	10	U	10	U	30	U	10	U	10	U
Dimethylphthalate	10	U	10	U	30	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	30	U	10	U	2	J
Di-n-octylphthalate	10	U	10	J	30	U	10	U	10	U
Fluoranthene	10	U	10	U	30	U	10	U	10	U
Fluorene	10	U	10	U	30	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	30	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	30	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	UJ	30	U	10	U	10	U
Hexachloroethane	10	U	10	U	30	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U		R	30	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	30	U	10	U	10	U
Naphthalene	10	U	10	U	13		10	U	10	U
Nitrobenzene	10	U	10	U	30	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	30	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	30	U	10	U	10	U
Pentachlorophenol	25	UJ	25	U	72.5	U	25	U	25	UJ
Phenanthrene	10	U	10	U	30	U	10	U	10	U
Phenol	10	U	10	U	30	U	4	J	10	U
Pyrene	10	U	10	U	30	U	10	U	10	U
Total PAH	10	U		NA	13			NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	1.0	UJ	0.28	U	1.0	U	0.28	U	1.0	UJ
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.051		0.050	U	0.27	J	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.66	J	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA	2.4	U		NA	5.7	U		NA
1,2,3,4,6,7,8-HpCDF		NA	1.7	U		NA	3.0	U		NA
1,2,3,4,7,8,9-HpCDF		NA	2.4	U		NA	3.8	U		NA
1,2,3,4,7,8-HxCDD		NA	1.8	U		NA	3.4	U		NA
1,2,3,4,7,8-HxCDF		NA	1.7	JB		NA	2.2	U		NA
1,2,3,6,7,8-HxCDD		NA	1.8	U		NA	3.4	U		NA
1,2,3,6,7,8-HxCDF		NA	1.6	JB		NA	2.1	U		NA
1,2,3,7,8,9-HxCDD		NA	1.8	U		NA	3.3	U		NA
1,2,3,7,8,9-HxCDF		NA	2.0	JB		NA	2.5	U		NA
1,2,3,7,8-PeCDD		NA	1.8	U		NA	2.2	U		NA
1,2,3,7,8-PeCDF		NA	2.2	EMPC		NA	1.6	U		NA
2,3,4,6,7,8-HxCDF		NA	1.7	JB		NA	2.3	U		NA
2,3,4,7,8-PeCDF		NA	2.0	EMPC		NA	1.6	U		NA
2,3,7,8-TCDD		NA	1.8	U		NA	2.6	U		NA
2,3,7,8-TCDF		NA	1.5	U		NA	2.0	U		NA
OCDD		NA	12.1	JB		NA	8.8	U		NA
OCDF		NA	3.2	U		NA	7.0	U		NA
Total HpCDD		NA	2.4	U		NA	5.7	UJ		NA
Total HpCDF		NA	2.0	U		NA	3.3	UJ		NA
Total HxCDD		NA	14.0	EMPC		NA	3.3	UJ		NA
Total HxCDF		NA	7.1			NA	2.3	UJ		NA
Total PeCDD		NA	6.6	EMPC		NA	2.2	UJ		NA
Total PeCDF		NA	4.2	EMPC		NA	1.6	UJ		NA
Total TCDD		NA	2.5	EMPC		NA	2.6	UJ		NA
Total TCDF		NA	1.5	U		NA	2.0	UJ		NA
Toxicity Equivalency		NA		NA		NA	0.00	U		NA
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-12B-01		OU1-MW-PC12B-07		OU1-PC-12D-01-AVG		OU1-MW-PC12D-07		OU1-PC-12S-01	
Sample Location	MW-PC12B		MW-PC12B		MW-PC12D		MW-PC12D		MW-PC12S	
Date Sampled	12/3/1997		1/21/2003		12/3/1997		1/16/2003		12/3/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. 4		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Aluminum	131	U	181	U	1885		1450		29.4	UJ
Antimony	50.0	U	1.8	U	50.0	U	3.5	U	50.0	U
Arsenic	1.0	U	3.6	U	1.0	U	2.3	U	5.4	
Barium	154		89.1		143		65.6		1450	
Beryllium	1.0	U	0.20	U	1.0	U	1.1	U	1.0	U
Cadmium	3.2	J	3.3		10.95		13.5		2.0	U
Calcium	189000		87100		147000		206000		66000	
Chromium	15.8		1.8		5.0	U	3.1	J	5.0	U
Chromium VI		NA		NA		NA		NA		NA
Cobalt	165		118		421		359		3.0	U
Copper	9.2		15.9		2.0	U	6.3	J	2.0	U
Cyanide		NA		NA		NA		NA		NA
Iron	1450		1000		9215		7190		28900	
Lead	1.0	U	2.1	J	1.15	U	1.5	UJ	1.6	UJ
Magnesium	95100		34900		135000		159000		143000	
Manganese	32200		14000		37700		51600	J	2460	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	267		151		463		649		10.0	U
Potassium	17900		6100	J	17800		28300	J	14700	
Selenium	1.0	UJ	8.1	UJ	1.0	U	13.6	UJ	1.0	UJ
Silver	3.0	U	0.80	U	3.0	U	0.80	UJ	3.0	U
Sodium	192000		108000		207000		443000	J	54800	
Thallium	1.0	UJ	20.2		5.0	U	25.0		1.0	UJ
Vanadium	3.0	U	0.70	U	3.0	U	0.80	U	3.0	U
Zinc	498		458		2540		2050	J	4.0	U
Wet Chemistry Analysis										
Alkalinity	182		44.0	J	129		76.0		691	
Carbon Dioxide		NA	101	J		NA	370	J		NA
Chloride	324		216		424.5		164		110	J
Ferrous Iron		NA	0.54	J		NA	5.4			NA
Nitrate		NA	49.4	J		NA	46.9			NA
Nitrate-Nitrite (as N)	140			NA	138.5			NA	0.10	U
Nitrite-N		NA	0.235	J		NA	0.050	U		NA
Sulfate	219		73.8		248		82.5		53.4	
Sulfide		NA		R		NA	0.50	U		NA
Total Organic Carbon		NA	7.06			NA	17.5			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U		NA		NA		NA		NA		NA
1,1-Dichloroethane	20		1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	0.9	U		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2-Dichloroethane	10	U		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,4-Dioxane	150	J		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	UJ		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	UJ		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		NA		NA		NA		NA		NA
Acetone	10	UJ		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	4	J		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA		NA		NA		NA		NA
Bromoform	10	U		NA		NA		NA		NA		NA
Bromomethane	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U		NA		NA		NA		NA		NA
Carbon Tetrachloride	10	U		NA		NA		NA		NA		NA
Chlorobenzene	95			NA		NA		NA		NA		NA
Chloroethane	10	U		NA		NA		NA		NA		NA
Chloroform	10	U	1	U	2		1	U	2		1	U
Chloromethane	10	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	10	U		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U		NA		NA		NA		NA		NA
Cyclohexane	10	U		NA		NA		NA		NA		NA
Dibromochloromethane	10	U		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	1	U	1	U	1	U		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA		NA		NA		NA
Methylcyclohexane	10	U		NA		NA		NA		NA		NA
Methylene Chloride	10	UJ		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	3		6		5		6		3	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	1	U	1	U	1	U		NA		NA
Total Xylenes	10	U	1	U	1	U	1	U		NA		NA
trans-1,2-Dichloroethene	10	U	1	U	1	U	4		1	U	1	U
trans-1,3-Dichloropropene	10	U		NA		NA		NA		NA		NA
Trichloroethene	10	U	40		117		80		114		80	
Trichlorofluoromethane	10	U		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	19			NA		NA		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA		NA		NA		NA		NA
Ethene	10.0	U		NA		NA		NA		NA		NA
Methane	360			NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dimethylphenol	10	U		NA		NA		NA		NA		NA
2,4-Dinitrophenol	25	U		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2-Chloronaphthalene	10	U		NA		NA		NA		NA		NA
2-Chlorophenol	10	U		NA		NA		NA		NA		NA
2-Methylnaphthalene	10	U		NA		NA		NA		NA		NA
2-Methylphenol	10	U		NA		NA		NA		NA		NA
2-Nitroaniline	25	U		NA		NA		NA		NA		NA
2-Nitrophenol	10	U		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA		NA
4-Chloroaniline	10	UJ		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Methylphenol	10	U		NA		NA		NA		NA		NA
4-Nitroaniline	25	U		NA		NA		NA		NA		NA
4-Nitrophenol	25	U		NA		NA		NA		NA		NA
Acenaphthene	10	U		NA		NA		NA		NA		NA
Acenaphthylene	10	U		NA		NA		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA
Anthracene	10	U		NA		NA		NA		NA		NA
Atrazine	10	U		NA		NA		NA		NA		NA
Benzaldehyde	10	UJ		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	10	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA		NA
Butylbenzylphthalate	10	U		NA		NA		NA		NA		NA
Caprolactam	10	U		NA		NA		NA		NA		NA
Carbazole	10	U		NA		NA		NA		NA		NA
Chrysene	10	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA		NA		NA		NA		NA
Dibenzofuran	10	U		NA		NA		NA		NA		NA
Diethylphthalate	10	U		NA		NA		NA		NA		NA
Dimethylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-Butylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-octylphthalate	10	U		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA		NA		NA		NA		NA
Fluorene	10	U		NA		NA		NA		NA		NA
Hexachlorobenzene	10	U		NA		NA		NA		NA		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA		NA
Hexachloroethane	10	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA		NA		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA		NA
Nitrobenzene	10	U		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA		NA
Pentachlorophenol	25	U		NA		NA		NA		NA		NA
Phenanthrene	10	U		NA		NA		NA		NA		NA
Phenol	10	U		NA		NA		NA		NA		NA
Pyrene	10	U		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA
Aldrin	0.050	U		NA		NA		NA		NA		NA
alpha-BHC	0.050	U		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	U		NA		NA		NA		NA		NA
delta-BHC	0.050	U		NA		NA		NA		NA		NA
Dieldrin	0.050	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U		NA		NA		NA		NA		NA
Endosulfan II	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA
Endrin	0.050	U		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA
gamma-BHC	0.050	U		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA
Heptachlor	0.020	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA		NA		NA		NA		NA
Methoxychlor	0.50	U		NA		NA		NA		NA		NA
Toxaphene	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	9.7	U		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	4.8	U		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	6.1	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	5.3	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	3.2	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	5.2	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	3.0	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	5.1	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	3.8	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	3.5	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	2.3	U		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	3.4	U		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	2.3	U		NA		NA		NA		NA		NA
2,3,7,8-TCDD	3.5	U		NA		NA		NA		NA		NA
2,3,7,8-TCDF	2.6	U		NA		NA		NA		NA		NA
OCDD	32.2	U		NA		NA		NA		NA		NA
OCDF	11.6	U		NA		NA		NA		NA		NA
Total HpCDD	9.7	UJ		NA		NA		NA		NA		NA
Total HpCDF	5.3	UJ		NA		NA		NA		NA		NA
Total HxCDD	5.2	UJ		NA		NA		NA		NA		NA
Total HxCDF	3.4	UJ		NA		NA		NA		NA		NA
Total PeCDD	3.5	UJ		NA		NA		NA		NA		NA
Total PeCDF	2.3	UJ		NA		NA		NA		NA		NA
Total TCDD	3.5	UJ		NA		NA		NA		NA		NA
Total TCDF	2.6	UJ		NA		NA		NA		NA		NA
Toxicity Equivalency	0.00	U		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC12S-07		PZ-12-021892		PZ-12-051892		PZ-12-081892		PZ-12-111992		PZ-12-050193	
Sample Location	MW-PC12S		PZ-12		PZ-12		PZ-12		PZ-12		PZ-12	
Date Sampled	1/16/2003		2/18/1992		5/18/1992		8/18/1992		11/19/1992		5/1/1993	
Interval	0.0-0.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0		7.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	15.5	U		NA		NA		NA		NA		NA
Antimony	3.5	U		NA		NA		NA		NA		NA
Arsenic	2.3	U		NA		NA		NA		NA		NA
Barium	241		500	U	500	U	500	U		NA		NA
Beryllium	1.1	U		NA		NA		NA		NA		NA
Cadmium	0.50	UJ	80.0		60.0		70.0		50.0		40.0	
Calcium	99500			NA		NA		NA		NA		NA
Chromium	0.50	U	400		460		16000		610		180	
Chromium VI		NA	50.0	U	50.0	U	2100			NA		NA
Cobalt	0.70	U		NA		NA		NA		NA		NA
Copper	120		1700		1400		10.0	U		NA		NA
Cyanide		NA	50.0	U	50.0	U	3000		50.0	U	50.0	U
Iron	20600		14400		7600		64000			NA		NA
Lead	1.5	UJ	50.0	U	50.0	U	50.0	U		NA		NA
Magnesium	232000			NA		NA		NA		NA		NA
Manganese	4910			NA		NA		NA		NA		NA
Mercury	0.10	U		NA		NA		NA		NA		NA
Nickel	12.1	J	1500		1900		2100		2840		1590	
Potassium	27800	J		NA		NA		NA		NA		NA
Selenium	2.2	UJ		NA		NA		NA		NA		NA
Silver	0.80	UJ		NA		NA		NA		NA		NA
Sodium	169000	J		NA		NA		NA		NA		NA
Thallium	4.0	U		NA		NA		NA		NA		NA
Vanadium	0.80	U		NA		NA		NA		NA		NA
Zinc	45.3	UJ	3600		3100		4000		2860		1240	
Wet Chemistry Analysis												
Alkalinity	534			NA		NA		NA		NA		NA
Carbon Dioxide	635	J		NA		NA		NA		NA		NA
Chloride	78.6		18.0		17.0		0.070			NA		NA
Ferrous Iron	3.03			NA		NA		NA		NA		NA
Nitrate	0.050	U		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N	0.050	U		NA		NA		NA		NA		NA
Sulfate	104			NA		NA		NA		NA		NA
Sulfide	0.88			NA		NA		NA		NA		NA
Total Organic Carbon	66.4			NA		NA		NA		NA		NA

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Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA	20	U	20	U
1,1,1-Trichloroethane	1	U	1	U	1	U	1100		1100	
1,1,2,2-Tetrachloroethane		NA		NA	1	U	20	U	20	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	20	U	20	U
1,1,2-Trichloroethane		NA		NA	1	U	20	U	20	U
1,1-Dichloroethane	1	U	1	U	1	U	200		200	
1,1-Dichloroethene		NA		NA	1	U	640		680	
1,1-Dichloropropene		NA		NA		NA	20	U	20	U
1,2,3-Trichlorobenzene		NA		NA		NA	20	U	20	U
1,2,3-Trichloropropane		NA		NA		NA	20	U	20	U
1,2,4-Trichlorobenzene		NA		NA		NA	20	U	20	U
1,2,4-Trimethylbenzene		NA		NA		NA	20	U	20	U
1,2-Dibromo-3-chloropropane		NA		NA		NA	20	U	20	U
1,2-Dibromoethane		NA		NA		NA	20	U	20	U
1,2-Dichlorobenzene		NA		NA	1	U	20	U	20	U
1,2-Dichloroethane		NA		NA	1	U	20	U	20	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA	1	U	20	U	20	U
1,3,5-Trimethylbenzene		NA		NA		NA	20	U	20	U
1,3-Dichlorobenzene		NA		NA	1	U	20	U	20	U
1,3-Dichloropropane		NA		NA		NA	20	U	20	U
1,4-Dichlorobenzene		NA		NA	1	U	20	U	20	U
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	20	U	20	U
2-Butanone		NA		NA		NA	80	U	80	U
2-Chloroethylvinylether		NA		NA	10	U	60	U	60	U
2-Chlorotoluene		NA		NA		NA	20	U	20	U
2-Hexanone		NA		NA		NA	12	U	12	U
4-Chlorotoluene		NA		NA		NA	20	U	20	U
4-Methyl-2-Pentanone		NA		NA		NA	10	U	10	U
Acetone		NA		NA		NA	60	B	32	
Acrolein		NA		NA		NA	200	U	200	U
Acrylonitrile		NA		NA		NA	100	U	100	U
Benzene		NA		NA		NA	20	U	20	U
Bromobenzene		NA		NA		NA	20	U	20	U
Bromochloromethane		NA		NA		NA	20	U	20	U
Bromodichloromethane		NA		NA	1.6		20	U	20	U
Bromoform		NA		NA	1	U	20	U	20	U
Bromomethane		NA		NA	10	U	20	U	20	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA	60	U	60	U
Carbon Tetrachloride		NA		NA	1	U	20	U	20	U
Chlorobenzene		NA		NA	1	U	20	U	20	U
Chloroethane		NA		NA	10	U	20	U	20	U
Chloroform	1	U	4		5.8		20	U	20	U
Chloromethane		NA		NA	10	U	20	U	20	U
cis-1,2-Dichloroethene		NA		NA		NA	370		420	
cis-1,3-Dichloropropene		NA		NA	1	U	20	U	20	U
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA	1	U	20	U	20	U
Dibromomethane		NA		NA		NA	20	U	20	U
Dichlorodifluoromethane		NA		NA	10	U	20	U	20	U
Ethyl Ether		NA		NA		NA	60	U	60	U
Ethylbenzene		NA		NA		NA	20	U	20	U
Hexachlorobutadiene		NA		NA		NA	20	U	20	U
Isopropylbenzene		NA		NA		NA	20	U	20	U
m&p-Xylene		NA		NA		NA	40	U	40	U
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA	20	U	20	U
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA	1	U	20	U	20	U
Naphthalene		NA		NA		NA	20	U	20	U
n-Butylbenzene		NA		NA		NA	20	U	20	U
n-Propylbenzene		NA		NA		NA	20	U	20	U
o-Xylene		NA		NA		NA	20	U	20	U
p-Isopropyltoluene		NA		NA		NA	20	U	20	U
sec-Butylbenzene		NA		NA		NA	20	U	20	U
Styrene		NA		NA		NA	20	U	20	U
tert-Butylbenzene		NA		NA		NA	20	U	20	U
Tetrachloroethene	2		1	U	2.7		20	U	20	U
Tetrahydrofuran		NA		NA		NA	140	U	140	U
Toluene		NA		NA		NA	20	U	20	U
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U		NA	20	U	20	U
trans-1,3-Dichloropropene		NA		NA	1	U	20	U	20	U
Trichloroethene	65		393		140		490		480	
Trichlorofluoromethane		NA		NA	1	U	20	U	20	U
Vinyl Acetate		NA		NA		NA	120	U	120	U
Vinyl Chloride		NA		NA	10	U	20	U	20	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA

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Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										

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Sample Number	PZ-12-080193		PZ-12-111693		PZ-12-120894		RM-GW13-0023		RM-GW13-0028-AVG	
Sample Location	PZ-12		PZ-12		PZ-12		13		13	
Date Sampled	8/1/1993		11/16/1993		12/8/1994		2/22/2002		2/22/2002	
Interval	7.0-17.0		7.0-17.0		7.0-17.0		0.0-23.0		0.0-28.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW13-0028	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium	30.0		70.0			NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium	110		140		250			NA		NA
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Cyanide	50.0	U	220		11.0			NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel	490		1030		1300			NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc	950		2950		1800			NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA	22.0			NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

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Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	20	U	20	U	50	U		NA		NA
1,1,1-Trichloroethane	1000		1100		1400			NA		NA
1,1,2,2-Tetrachloroethane	20	U	20	U	50	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	U	50	U		NA		NA
1,1,2-Trichloroethane	20	U	20	U	50	U		NA		NA
1,1-Dichloroethane	200		200		260			NA		NA
1,1-Dichloroethene	670		690		1000			NA		NA
1,1-Dichloropropene	20	U	20	U	50	U		NA		NA
1,2,3-Trichlorobenzene	20	U	20	U	50	U		NA		NA
1,2,3-Trichloropropane	20	U	20	U	50	U		NA		NA
1,2,4-Trichlorobenzene	20	U	20	U	50	U		NA		NA
1,2,4-Trimethylbenzene	20	U	20	U	50	U		NA		NA
1,2-Dibromo-3-chloropropane	20	U	20	U	50	U		NA		NA
1,2-Dibromoethane	20	U	20	U	50	U		NA		NA
1,2-Dichlorobenzene	20	U	20	U	50	U		NA		NA
1,2-Dichloroethane	20	U	20	U	50	U		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	20	U	20	U	50	U		NA		NA
1,3,5-Trimethylbenzene	20	U	20	U	50	U		NA		NA
1,3-Dichlorobenzene	20	U	20	U	50	U		NA		NA
1,3-Dichloropropane	20	U	20	U	50	U		NA		NA
1,4-Dichlorobenzene	20	U	20	U	50	U		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	20	U	20	U	50	U		NA		NA
2-Butanone	80	U	80	U	200	U		NA		NA
2-Chloroethylvinylether	60	U	60	U	150	U		NA		NA
2-Chlorotoluene	20	U	20	U	50	U		NA		NA
2-Hexanone	12	U	12	U	30	U		NA		NA
4-Chlorotoluene	20	U	20	U	50	U		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	25	U		NA		NA
Acetone	40	U	44	B	180	BJ		NA		NA
Acrolein	200	U	200	U	500	U		NA		NA
Acrylonitrile	100	U	100	U	250	U		NA		NA
Benzene	20	U	20	U	50	U		NA		NA
Bromobenzene	20	U	20	U	50	U		NA		NA
Bromochloromethane	20	U	20	U	50	U		NA		NA
Bromodichloromethane	20	U	20	U	50	U		NA		NA
Bromoform	20	U	20	U	50	U		NA		NA
Bromomethane	20	U	20	U	50	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	60	U	60	U	150	U		NA		NA
Carbon Tetrachloride	20	U	20	U	50	U		NA		NA
Chlorobenzene	20	U	20	U	50	U		NA		NA
Chloroethane	20	U	20	U	50	U		NA		NA
Chloroform	20	U	20	U	50	U		NA		NA
Chloromethane	20	U	20	U	50	U		NA		NA
cis-1,2-Dichloroethene	410		420		430			NA		NA
cis-1,3-Dichloropropene	20	U	20	U	50	U		NA		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	20	U	20	U	50	U		NA		NA
Dibromomethane	20	U	20	U	50	U		NA		NA
Dichlorodifluoromethane	20	U	20	U	50	U		NA		NA
Ethyl Ether	60	U	60	U	150	U		NA		NA
Ethylbenzene	20	U	20	U	50	U		NA		NA
Hexachlorobutadiene	20	U	20	U	50	U		NA		NA
Isopropylbenzene	20	U	20	U	50	U		NA		NA
m&p-Xylene	40	U	40	U	100	U		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	20	U	20	U	50	U		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	20	U	20	U	50	U		NA		NA
Naphthalene	20	U	20	U	50	U		NA		NA
n-Butylbenzene	20	U	20	U	50	U		NA		NA
n-Propylbenzene	20	U	20	U	50	U		NA		NA
o-Xylene	20	U	20	U	50	U		NA		NA
p-Isopropyltoluene	20	U	20	U	50	U		NA		NA
sec-Butylbenzene	20	U	20	U	50	U		NA		NA
Styrene	20	U	20	U	50	U		NA		NA
tert-Butylbenzene	20	U	20	U	50	U		NA		NA
Tetrachloroethene	20	U	20	U	50	U		NA		NA
Tetrahydrofuran	140	U	140	U	350	U		NA		NA
Toluene	20	U	20	U	50	U		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	20	U	20	U	50	U		NA		NA
trans-1,3-Dichloropropene	20	U	20	U	50	U		NA		NA
Trichloroethene	450		510		620			NA		NA
Trichlorofluoromethane	20	U	20	U	50	U		NA		NA
Vinyl Acetate	120	U	120	U	300	U		NA		NA
Vinyl Chloride	20	U	20	U	50	U		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA	46		65	
1,1-Dichloroethane		NA		NA		NA	140		150	
1,1-Dichloroethene		NA		NA		NA	160		210	
1,2-Dichloroethane		NA		NA		NA	10	U	10	U
Benzene		NA		NA		NA	10	U	10	U
Chlorobenzene		NA		NA		NA	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA	160		170	
Ethylbenzene		NA		NA		NA	10	U	10	U
m&p-Xylene		NA		NA		NA	10	U	10	U
o-Xylene		NA		NA		NA	10	U	10	U
Tetrachloroethene		NA		NA		NA	10	U	10	U
Toluene		NA		NA		NA	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA	10	U	10	U
Trichloroethene		NA		NA		NA	36		29	
Vinyl Chloride		NA		NA		NA	11		19	
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW13-0028		RM-GW-DP03		RM-GW13-0035		OU2-DP1-3-0813		OU2-DP1-3-1621	
Sample Location	13		13		13		DP1-3		DP1-3	
Date Sampled	2/22/2002		2/22/2002		3/1/2002		7/28/1997		7/28/1997	
Interval	0.0-28.0		0.0-28.0		0.0-35.0		8.0-13.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW13-0028		Field Dup. RM-GW13-0028		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	28	J	8	J	38	J	9	J	39	
1,1,2,2-Tetrachloroethane	250	UJ	10	U	83	U	10	UJ	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	UJ		NA
1,1,2-Trichloroethane	250	UJ	10	U	83	U	10	UJ	10	U
1,1-Dichloroethane	250	UJ	4	J	83	U	5	J	15.5	
1,1-Dichloroethene	250	UJ	6		17	J	7	J	9.5	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	UJ		NA
1,2-Dibromoethane		NA	10	U		NA	10	UJ		NA
1,2-Dichlorobenzene		NA	3	J		NA	10	UJ		NA
1,2-Dichloroethane	250	UJ	10	U	83	U	10	UJ	10	U
1,2-Dichloroethene (total)	250	UJ		NA	12	J		NA	4	
1,2-Dichloropropane	250	UJ	10	U	83	U	10	UJ	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	UJ		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	UJ		NA
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	250	UJ	10	U	83	U	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	250	UJ	10	U	83	U	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		R	10	UJ		R	10	UJ		NA
Acetone	250	UJ	10	U	83	U	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	250	UJ	10	U	83	U	10	UJ	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	250	UJ	10	U	83	U	10	UJ	10	U
Bromoform	250	UJ	10	U	83	UJ	10	UJ	10	U
Bromomethane	250	UJ	10	U	83	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Carbon Disulfide	250	UJ	10	U	83	U	10	UJ	10	U
Carbon Tetrachloride	250	UJ	10	U	83	U	10	UJ	10	U
Chlorobenzene	250	UJ	52		83	U	10	UJ	10	U
Chloroethane	250	UJ	10	U	83	U	10	UJ	10	U
Chloroform	250	UJ	9	J	9	J	5	J	11.5	U
Chloromethane	250	UJ	10	U	83	U	10	UJ	10	U
cis-1,2-Dichloroethene		NA	24			NA	4	J		NA
cis-1,3-Dichloropropene	250	UJ	10	U	83	U	10	UJ	10	U
Cyclohexane		NA	10	U		NA	10	UJ		NA
Dibromochloromethane	250	UJ	10	U	83	U	10	UJ	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	UJ		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	250	UJ	10	U	83	U	10	UJ	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	UJ		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	UJ		NA
Methyl tert-Butyl Ether		NA	10	U		NA	10	UJ		NA
Methylcyclohexane		NA	10	U		NA	10	UJ		NA
Methylene Chloride	250	UJ	10	UJ	83	U	10	UJ	10	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	250	UJ	10	U	83	U	10	UJ	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	250	UJ	14		9	J	3	J	4.5	
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	250	UJ	10	U	83	U	10	UJ	10	U
Total Xylenes	250	UJ	10	U	83	U	10	UJ	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	UJ		NA
trans-1,3-Dichloropropene	250	UJ	10	U	83	U	10	UJ	10	U
Trichloroethene	2000	J	3900	*	840		400	*	25	
Trichlorofluoromethane		NA	10	U		NA	10	UJ		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	250	UJ	1	U	83	U	1	UJ	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Ethane		NA	10.0	U		NA	10.0	U		NA
Ethene		NA	10.0	U		NA	10.0	U		NA
Methane		NA	23.0			NA	21.0			NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	3	J		NA	10	U		NA	10	U
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	UJ	10	U	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
3-Nitroaniline	25	UJ	25	U	25	UJ	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	UJ	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	U	25	UJ	25	U	25	U
4-Nitrophenol	27	J	11	J	5	J	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	UJ		NA	10	U		NA
Benzaldehyde		NA	10	U		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	UJ	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	UJ	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	U	10	UJ	10	U	10	U
Hexachlorocyclopentadiene		R	10	U		R	10	U		NA
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	UJ	10	U	10	UJ	10	U	10	U
Pentachlorophenol	25	U	25	UJ	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA	0.20	UJ		NA	0.20	UJ		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	1.0	UJ	0.28	U	1.0	UJ	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA	19.9	U		NA	12.7	U		NA
1,2,3,4,6,7,8-HpCDF		NA	8.9	U		NA	5.2	U		NA
1,2,3,4,7,8,9-HpCDF		NA	12.6	U		NA	7.4	U		NA
1,2,3,4,7,8-HxCDD		NA	14.2	U		NA	9.5	U		NA
1,2,3,4,7,8-HxCDF		NA	7.2	U		NA	4.2	U		NA
1,2,3,6,7,8-HxCDD		NA	13.7	U		NA	9.2	U		NA
1,2,3,6,7,8-HxCDF		NA	6.9	U		NA	4.1	U		NA
1,2,3,7,8,9-HxCDD		NA	15.2	U		NA	10.1	U		NA
1,2,3,7,8,9-HxCDF		NA	9.7	U		NA	5.7	U		NA
1,2,3,7,8-PeCDD		NA	11.0	U		NA	7.5	U		NA
1,2,3,7,8-PeCDF		NA	5.8	U		NA	3.8	U		NA
2,3,4,6,7,8-HxCDF		NA	7.3	U		NA	4.3	U		NA
2,3,4,7,8-PeCDF		NA	6.1	U		NA	4.0	U		NA
2,3,7,8-TCDD		NA	9.2	U		NA	5.7	U		NA
2,3,7,8-TCDF		NA	7.2	U		NA	4.1	U		NA
OCDD		NA	54.1	U		NA	30.0	U		NA
OCDF		NA	38.2	U		NA	20.6	U		NA
Total HpCDD		NA	19.9	UJ		NA	12.7	UJ		NA
Total HpCDF		NA	10.4	UJ		NA	6.1	UJ		NA
Total HxCDD		NA	14.3	UJ		NA	8.4	UEMPC		NA
Total HxCDF		NA	7.6	UJ		NA	4.5	UJ		NA
Total PeCDD		NA	11.0	UJ		NA	7.5	UJ		NA
Total PeCDF		NA	6.0	UJ		NA	3.9	UJ		NA
Total TCDD		NA	9.2	UJ		NA	4.6	UEMPC		NA
Total TCDF		NA	7.2	UJ		NA	4.1	UJ		NA
Toxicity Equivalency		NA	0.00	U		NA	0.00	U		NA
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13B-01		OU1-MW-PC13B-07		OU1-PC-13D-01		OU1-MW-PC13D-07		OU1-PC-13M-01-AVG	
Sample Location	MW-PC13B		MW-PC13B		MW-PC13D		MW-PC13D		MW-PC13M	
Date Sampled	11/19/1997		1/29/2003		11/20/1997		1/24/2003		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. 7	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden	
Aluminum	20.0	U	133	U	20.0	U	98.4	UJ	506	
Antimony	50.0	U	3.5	U	50.0	U	1.8	UJ	50.0	U
Arsenic	1.0	U	2.3	U	1.0	U	3.6	UJ	1.0	U
Barium	48.0		76.5	UJ	31.5	U	84.5	J	19.45	U
Beryllium	1.0	U		R	1.0	U	0.20	UJ	1.0	U
Cadmium	16.6	U	0.50	UJ	208		110	J	2.0	U
Calcium	201000		256000		110000		73300	J	46350	
Chromium	5.0	U	1.3		5.0	U	2.6	J	5.0	U
Chromium VI		NA		NA		NA		NA		NA
Cobalt	25.6		3.5	U	34.8		24.3	J	13.4	
Copper	2.0	U	1.8	UJ	4.0	U	15.7	J	51.1	
Cyanide		NA	5.6	UJ		NA	2.0	UJ		NA
Iron	124	U	159		219	U	113	J	667	
Lead	1.0	UJ	1.5	U	1.0	UJ	2.1	UJ	1.25	U
Magnesium	58200		53000		47700		29300	J	20600	
Manganese	2990		965		9870		6330	J	3070	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	91.0		4.7		595		373	J	28.35	U
Potassium	10600		11600	J	9720		9750		4090	
Selenium	1.0	J		R	1.0	UJ	2.1	UJ	5.0	U
Silver	3.0	U	0.80	UJ	3.0	U	0.80	UJ	3.0	U
Sodium	204000		67300	J	265000		232000	J	342000	
Thallium	1.0	U	4.0	U	1.0	U	6.5	J	1.0	U
Vanadium	3.0	U	0.80	U	3.0	U	0.99	UJ	3.0	U
Zinc	366		15.0	UJ	989		306	J	329	
Wet Chemistry Analysis										
Alkalinity	37.3	J	88.0		57.1	J	56.0	J	63.3	
Carbon Dioxide		NA	97.1			NA	112	J		NA
Chloride	388		266		389		322		273	
Ferrous Iron		NA	0.030	U		NA	0.030			NA
Nitrate		NA	79.9	J		NA	3.02			NA
Nitrate-Nitrite (as N)	39.6			NA	9.1			NA	0.10	U
Nitrite-N		NA	0.070	J		NA	0.050	U		NA
Sulfate	452	J	258		456	J	413		575.5	
Sulfide		NA	0.50	U		NA		R		NA
Total Organic Carbon		NA	5.08			NA	5.59			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	36.5		11		12		120		2	J
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	20	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	20	U	10	U
1,1-Dichloroethane	16.5		13		6	J	20	U	2	J
1,1-Dichloroethene	7		4		4	J	20	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA	10	U
1,2-Dibromoethane		NA	10	U		NA		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	20	U	10	U
1,2-Dichloroethene (total)	5.5			NA	10	J	4	J		NA
1,2-Dichloropropane	10	U	10	U	10	U	20	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA	10	U
1,4-Dioxane		NA	100	UJ		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	20	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	20	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	UJ		R	20	UJ	10	U
Acetone	10	U	10	U	10	U	20	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	20	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	20	U	10	U
Bromoform	10	U	10	U	10	U	20	U	10	U
Bromomethane	10	U	10	U	10	U	20	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	20	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	18	J	10	U
Chlorobenzene	3		10	U	10	U	20	U	10	U
Chloroethane	10	U	10	U	10	U	20	U	10	U
Chloroform	15		2	J	10	U	20	U	10	U
Chloromethane	10	U	10	U	10	U	20	UJ	10	U
cis-1,2-Dichloroethene		NA	3	J		NA		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	20	U	10	U
Cyclohexane		NA	10	U		NA		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	20	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	20	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA	10	U
Methyl tert-Butyl Ether		NA	10	U		NA		NA	1	J
Methylcyclohexane		NA	10	U		NA		NA	10	U
Methylene Chloride	10	U	10	UJ	10	U	20	U	10	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	20	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	4		5	J	10	U	20	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	20	U	10	U
Total Xylenes	10	U	10	U	10	U	20	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	20	U	10	U
Trichloroethene	31		42		70		300		34	
Trichlorofluoromethane		NA	10	U		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	1	U	6	J	20	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA	10.0	U		NA		NA	10.0	U
Ethene		NA	10.0	U		NA		NA	10.0	U
Methane		NA	78.0			NA		NA	5.0	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U	10	U		NA
1,3-Dichlorobenzene	10	U		NA	10	U	10	U		NA
1,4-Dichlorobenzene	10	U		NA	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
4-Nitrophenol	0.55		25	UJ	25	UJ	0.6	J	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	UJ		NA		NA	10	U
Benzaldehyde		NA	10	U		NA		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	UJ	10	U	10	UJ	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	UJ	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U		R	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	UJ	10	U	10	U
Pentachlorophenol	25	U	25	UJ	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA		NA	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA		NA	0.20	U
Benzo(a)pyrene		NA	0.20	UJ		NA		NA	0.20	U
Benzo(b)fluoranthene		NA	0.20	U		NA		NA	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA		NA	0.20	U
Chrysene		NA	0.20	U		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA	0.20	U
Phenanthrene		NA	0.20	U		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	1.0	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	1.0	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	1.0	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.10	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC		NA	0.050	UJ	0.050	U		R	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA	3.0	U		NA		NA	2.2	U
1,2,3,4,6,7,8-HpCDF		NA	1.7	UEMPC		NA		NA	1.1	U
1,2,3,4,7,8,9-HpCDF		NA	1.7	U		NA		NA	1.3	U
1,2,3,4,7,8-HxCDD		NA	1.5	U		NA		NA	1.2	U
1,2,3,4,7,8-HxCDF		NA	2.3	U		NA		NA	2.7	U
1,2,3,6,7,8-HxCDD		NA	1.5	U		NA		NA	1.2	U
1,2,3,6,7,8-HxCDF		NA	2.1	UEMPC		NA		NA	1.5	UEMPC
1,2,3,7,8,9-HxCDD		NA	1.5	U		NA		NA	1.1	U
1,2,3,7,8,9-HxCDF		NA	2.6	U		NA		NA	0.80	U
1,2,3,7,8-PeCDD		NA	2.8	U		NA		NA	1.2	U
1,2,3,7,8-PeCDF		NA	3.1	U		NA		NA	2.4	U
2,3,4,6,7,8-HxCDF		NA	1.0	U		NA		NA	0.70	U
2,3,4,7,8-PeCDF		NA	2.5	U		NA		NA	0.70	U
2,3,7,8-TCDD		NA	1.3	U		NA		NA	1.1	U
2,3,7,8-TCDF		NA	1.0	U		NA		NA	0.80	U
OCDD		NA	15.5	U		NA		NA	8.3	UEMPC
OCDF		NA	3.4	U		NA		NA	2.4	U
Total HpCDD		NA	3.0	UJ		NA		NA	2.2	UJ
Total HpCDF		NA	1.7	UEMPC		NA		NA	1.2	UJ
Total HxCDD		NA	1.5	UJ		NA		NA	1.2	UJ
Total HxCDF		NA	7.0	UEMPC		NA		NA	4.1	UEMPC
Total PeCDD		NA	2.8	UJ		NA		NA	1.2	UJ
Total PeCDF		NA	5.5	UJ		NA		NA	2.4	UJ
Total TCDD		NA	1.3	UJ		NA		NA	1.1	UJ
Total TCDF		NA	1.0	UJ		NA		NA	0.80	UJ
Toxicity Equivalency		NA	0.00	U		NA		NA	0.00	U
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-13M-02-AVG		OU1-MW-PC13M-07		OU1-PC-13S-01		OU1-PC-13S-02		OU1-MW-PC13S-07	
Sample Location	MW-PC13M		MW-PC13M		MW-PC13S		MW-PC13S		MW-PC13S	
Date Sampled	12/3/1998		1/29/2003		11/20/1997		12/3/1998		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-PC-13M-02		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	552		217	U	259	U	65.2	U	45.9	UJ
Antimony	4.0	U	3.5	U	50.0	U	4.0	UJ	1.8	UJ
Arsenic	2.95	U	3.9	UJ	1.8		2.9	UJ	3.6	UJ
Barium	15.3		29.4	U	58.9		72.5		13.9	UJ
Beryllium	0.60	U	0.50	U	1.0	U	0.60	U	0.20	UJ
Cadmium	0.40	U	0.50	U	44.7		33.9		4.4	J
Calcium	37700		27700		40100		25700		5360	J
Chromium	11.0		2.0		21.7		2.3		2.7	UJ
Chromium VI		NA		NA		NA		NA		NA
Cobalt	18.65		6.6		32.1		23.4		3.1	J
Copper	86.75		5.0	U	17.6	U	36.2		9.9	J
Cyanide	5.4		6.7	UJ		NA	3.9		0.96	UJ
Iron	641		1930		4560		127	UJ	73.6	UJ
Lead	2.325		1.5	U	5.6	UJ	5.6	UJ	1.3	UJ
Magnesium	18650		11500		17200		10300		2210	J
Manganese	2660		3260		7690		3590		799	J
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	40.2		30.8		795		482		150	J
Potassium	5490		6220	J	6230		10100		3970	
Selenium	1.9	U	2.1	U	1.0	UJ	1.9	U	2.5	UJ
Silver	1.1	U	0.80	UJ	3.0	U	1.1	U	0.80	UJ
Sodium	386000		294000	J	108000		106000		31400	J
Thallium	3.6	U	5.6	UJ	1.0	U	4.8	UJ	3.8	UJ
Vanadium	2.9	U	0.93	UJ	3.0	U	2.9	U	0.70	UJ
Zinc	25.95		31.3	U	1410		487		20.7	J
Wet Chemistry Analysis										
Alkalinity	34.45		352		19.8	J	19.7	U	52.0	J
Carbon Dioxide		NA	532			NA		NA	82.6	J
Chloride	316.5		230		67.6		18.2		5.48	
Ferrous Iron		NA	1.8			NA		NA	0.030	U
Nitrate		NA	0.050	U		NA		NA	2.29	
Nitrate-Nitrite (as N)	0.2625			NA	0.10	U	0.93	J		NA
Nitrite-N		NA	0.050	U		NA		NA	0.050	U
Sulfate	390		300		330	J	300	J	37.5	
Sulfide		NA	0.50	U		NA		NA		R
Total Organic Carbon		NA	12.6			NA		NA	4.11	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10	U	1	J	10	U	150		130		3
1,1,2,2-Tetrachloroethane	10	U	10	UJ	10	U	10	UJ	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U	
1,1,2-Trichloroethane	10	U	10	U	10	U	5	J	3	J	10
1,1-Dichloroethane	10	U	10	U	10	U	36		37		32
1,1-Dichloroethene	0.9	U	5	J	0.9	U	64		73		7
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	UJ		NA	10	UJ		NA	10	UJ	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U	
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U	
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U	
1,2-Dichloroethane	10	U	10	U	10	U	5	J	4	J	3
1,2-Dichloroethene (total)		NA	20			NA	160			NA	1700
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U	
1,4-Dioxane	100	UJ		NA	100	UJ		NA	92	J	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	10	U	10	UJ	10	U	10	UJ	10	U	10
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	10	U	10	UJ	10	U	10	UJ	10	U	10
Acetone	10	U	57	UJ	10	U	12	UJ	10	U	10
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	10	U	6	J	10	U	15		13		45
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10
Bromoform	10	U	10	U	10	U	10	U	10	U	10
Bromomethane	10	U	10	U	10	U	3	J	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10
Chlorobenzene	10	U	49		10	U	160		160	J	700
Chloroethane	10	U	10	U	10	U	3	J	2	J	3
Chloroform	10	U	10	U	10	U	34	U	46		180
Chloromethane	10	U	10	U	10	U	4	J	10	U	10
cis-1,2-Dichloroethene	10	U		NA	10	U		NA	190		
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10
Cyclohexane	10	U		NA	10	U		NA	10	U	
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	10	U		NA	10	U		NA	10	U	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	10	U	10	U	10	U	11		10		47
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene	10	U		NA	10	U		NA	10	U	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate	10	U		NA	10	U		NA	10	U	
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U	
Methylcyclohexane	10	U		NA	10	U		NA	10	U	
Methylene Chloride	10	U	20	U	10	U	330	*	190		13
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	10	U	10	U	10	U	10	U	10	U	10
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	10	U	1	J	10	U	26		21		10
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	10	U	3	J	10	U	350	*	280		32
Total Xylenes	10	U	2	J	10	U	120		120		47
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U	
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10
Trichloroethene	10	U	940	*	13	U	7700	*	11000	*	120
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	1	U	6	J	1	U	27		29		680
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Ethane		NA		NA	10.0	U		NA	10.0	U	
Ethene		NA		NA	10.0	U		NA	10.0	U	
Methane		NA		NA	5.0	U		NA	540		
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U	
1,2,4-Trichlorobenzene		NA	10	U		NA	100	U		NA	20
1,2-Dichlorobenzene		NA	10	U		NA	100	U		NA	20
1,3-Dichlorobenzene		NA	10	U		NA	100	U		NA	20
1,4-Dichlorobenzene		NA	10	U		NA	100	U		NA	20
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	100	U	10	U	20
2,4,5-Trichlorophenol	25	U		R	25	U		R		R	50
2,4,6-Trichlorophenol	10	U		R	10	U		R		R	20
2,4-Dichlorophenol	10	U		R	10	U		R		R	20
2,4-Dimethylphenol	10	U		R	10	U		R		R	20
2,4-Dinitrophenol	25	U		R	25	U	2600	J	1700	*J	50
2,4-Dinitrotoluene	10	U	10	U	10	U	100	U	10	U	20
2,6-Dinitrotoluene	10	U	10	U	10	U	100	U	10	U	20
2-Chloronaphthalene	10	U	10	U	10	U	100	U	10	U	20
2-Chlorophenol	10	U		R	10	U		R		R	20
2-Methylnaphthalene	10	U	10	U	10	U	100	U	10	U	20
2-Methylphenol	10	U		R	10	U		R	7	J	24
2-Nitroaniline	25	U	25	UJ	25	U	250	U	25	U	50
2-Nitrophenol	10	U		R	10	U	69	J	56	J	20
3,3'-Dichlorobenzidine	10	U	10	U	10	U	100	U	10	U	20

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
3-Nitroaniline	25	U		R	25	U		R	25	U	
4,6-Dinitro-2-methylphenol	25	U		R	25	U	160	J	110	J	50
4-Bromophenyl-phenylether	10	U	10	U	10	U	100	U	10	U	20
4-Chloro-3-methylphenol	10	U		R	10	U		R		R	20
4-Chloroaniline	10	UJ	10	U	10	UJ	100	U	10	UJ	20
4-Chlorophenyl-phenylether	10	U	10	U	10	U	100	U	10	U	20
4-Methylphenol	10	U		R	10	U		R		R	92
4-Nitroaniline	25	U	25	U	25	U	250	U	25	U	50
4-Nitrophenol	25	U		R	2	J	1300	J	890	*J	50
Acenaphthene	10	U	10	U	10	U	100	U	10	UJ	20
Acenaphthylene	10	U	10	U	10	U	100	U	10	U	20
Acetophenone	10	U		NA	10	U		NA	10	U	
Anthracene	10	U	10	U	10	U	100	U	10	U	20
Atrazine	10	U		NA	10	U		NA	10	U	
Benzaldehyde	10	UJ		NA	10	UJ		NA	120	J	
Benzo(a)anthracene	10	U	10	U	10	U	100	U	10	U	20
Benzo(a)pyrene	10	U	10	U	10	U	100	U	600	U*	20
Benzo(b)fluoranthene	10	U	10	U	10	U	100	U	600	U*	20
Benzo(g,h,i)perylene	10	U	10	U	10	U	100	U	600	U*	20
Benzo(k)fluoranthene	10	U	10	U	10	U	100	U	600	U*	20
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	100	U	10	U	20
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	100	U	10	U	20
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	100	U	10	U	20
Butylbenzylphthalate	10	U	10	U	10	U	100	UJ	10	U	20
Caprolactam	10	U		NA	10	U		NA	10	U	
Carbazole	10	U	10	U	10	U	100	U	10	U	20
Chrysene	10	U	10	U	10	U	100	U	10	U	20
Dibenzo(a,h)anthracene	10	U	10	U	10	U	100	U	600	U*	20
Dibenzofuran	10	U	10	U	10	U	100	U	10	U	20
Diethylphthalate	10	U	10	U	10	U	100	U	10	U	20
Dimethylphthalate	10	U	10	U	10	U	100	U	10	U	20
Di-n-Butylphthalate	10	U	10	U	10	U	100	U	10	U	20
Di-n-octylphthalate	10	UJ	10	U	10	UJ	100	UJ	600	U*	20
Fluoranthene	10	U	10	U	10	U	100	U	10	U	20
Fluorene	10	U	10	U	10	U	100	U	10	U	20
Hexachlorobenzene	10	U	10	U	10	U	100	U	10	U	20
Hexachlorobutadiene	10	U	10	U	10	U	100	U	10	U	20
Hexachlorocyclopentadiene	10	U	10	UJ	10	U	100	U	10	U	20
Hexachloroethane	10	U	10	U	10	U	100	U	10	U	20
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	100	U	600	U*	20

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Isophorone	10	U	10	U	10	U	100	U	10	U	20
Naphthalene	10	U	10	U	10	U	100	U	2	J	3
Nitrobenzene	10	U	10	U	10	U	100	U	1	J	20
N-Nitroso-di-n-propylamine	10	U	10	UJ	10	U	100	U	10	U	20
N-Nitroso-diphenylamine	10	U	10	U	10	U	100	U	10	U	20
Pentachlorophenol	25	U		R	25	U		R		R	50
Phenanthrene	10	U	10	U	10	U	100	U	10	U	20
Phenol	10	U		R	10	U		R		R	20
Pyrene	10	U	10	U	10	U	100	U	10	UJ	20
Total PAH		NA	10	U		NA	100	U		NA	3
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U		NA	0.20	U		NA		R	
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	UJ	
Benzo(a)pyrene	0.20	UJ		NA	0.20	UJ		NA	0.20	U	
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U	
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U	
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U	
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U	
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
4,4'-DDE	0.10	U		R	0.10	U		R	0.10	UJ	
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U*	0.050
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	UJ	2.0
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	UJ	1.0
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	UJ	1.0
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	U	0.28	UJ	1.0
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Dieldrin	0.050	U		R	0.050	U		R	0.050	UJ	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	UJ	0.10
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U		R	0.050
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	UJ	0.050
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	UJ	0.050
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA	5.3	J		NA	3.6	U	
1,2,3,4,6,7,8-HpCDF		NA		NA	2.1	J		NA	2.0	U	
1,2,3,4,7,8,9-HpCDF		NA		NA	1.2	U		NA	2.4	U	
1,2,3,4,7,8-HxCDD		NA		NA	1.0	U		NA	1.9	U	
1,2,3,4,7,8-HxCDF		NA		NA	0.70	U		NA	1.4	U	
1,2,3,6,7,8-HxCDD		NA		NA	1.0	U		NA	2.0	U	
1,2,3,6,7,8-HxCDF		NA		NA	0.70	U		NA	1.3	U	
1,2,3,7,8,9-HxCDD		NA		NA	1.0	U		NA	1.9	U	
1,2,3,7,8,9-HxCDF		NA		NA	0.80	U		NA	1.6	U	
1,2,3,7,8-PeCDD		NA		NA	1.4	U		NA	2.7	U	
1,2,3,7,8-PeCDF		NA		NA	0.80	U		NA	1.6	U	
2,3,4,6,7,8-HxCDF		NA		NA	0.70	U		NA	1.4	U	
2,3,4,7,8-PeCDF		NA		NA	0.80	U		NA	1.6	U	
2,3,7,8-TCDD		NA		NA	1.1	U		NA	2.1	U	
2,3,7,8-TCDF		NA		NA	0.70	U		NA	1.5	U	
OCDD		NA		NA	34.4	JB		NA	5.7	U	
OCDF		NA		NA	4.6	EMPC		NA	4.0	U	
Total HpCDD		NA		NA	9.0			NA	3.6	U	
Total HpCDF		NA		NA	2.1			NA	2.2	U	
Total HxCDD		NA		NA	1.0	U		NA	1.9	U	
Total HxCDF		NA		NA	0.70	U		NA	1.4	U	
Total PeCDD		NA		NA	1.4	U		NA	2.7	U	
Total PeCDF		NA		NA	0.80	U		NA	1.6	U	
Total TCDD		NA		NA	1.1	U		NA	2.1	U	
Total TCDF		NA		NA	0.70	U		NA	1.5	U	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-PZ13-07		OU1-PC-14B-01		OU1-MW-PC14B-07		OU1-PC-14D-01		OU1-MW-PC14D-07		OU1-PC-14S-01
Sample Location	MW-PZ13		MW-PC14B		MW-PC14B		MW-PC14D		MW-PC14D		MW-PC14S
Date Sampled	1/23/2003		12/9/1997		1/23/2003		12/9/1997		1/22/2003		12/9/1997
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden
Aluminum	413	J	71.5	UJ	174	UJ	116000	J	47600	J	47.6
Antimony	1.8	UJ	50.0	U	1.8	UJ	50.0	U	1.8	UJ	50.0
Arsenic	3.6	UJ	1.7	J	3.6	UJ	1.0	UJ	9.9	J	39.8
Barium	1.3	UJ	91.2	J	27.6	J	102	J	48.3	J	333
Beryllium	0.20	UJ	1.0	U	0.20	UJ	15.3		8.4	J	1.0
Cadmium	1.7	UJ	2.0	U	0.30	UJ	8.8		5.1	J	2.0
Calcium	14200	J	278000		10600	J	278000		199000	J	40500
Chromium	21.9	J	18.6	J	3.7	UJ	50.8	J	17.2	J	5.0
Chromium VI		NA		NA		NA		NA		NA	
Cobalt	4.2	J	3.0	U	0.90	UJ	307	J	196	J	
Copper	11.4	J	29.5	J	8.1	J	3410		1300	J	
Cyanide		NA		NA	1.1	UJ		NA	48.4	J	
Iron	165	J	325	UJ	441	J	4290	J	2380	J	127000
Lead	1.3	UJ	1.8	UJ	2.7	UJ	672	J	12.6	UJ	1.0
Magnesium	2170	J	38700		1160	J	150000		100000	J	117000
Manganese	40.4	UJ	277	J	49.6	J	23800	J	15000	J	1220
Mercury	0.10	U	0.10	U	0.10	U	0.13	J	0.10	U	0.10
Nickel	398	J	16.5	J	22.2	J	562		324	J	15.3
Potassium	1470		16100	J	1140		14800	J	15300		21000
Selenium	2.1	UJ	1.0	UJ	2.1	UJ	5.0	UJ	7.7	UJ	1.0
Silver	0.80	UJ	3.0	UJ	0.80	UJ	3.0	UJ	0.80	UJ	3.0
Sodium	5940	J	39100	J	44700	J	256000	J	210000	J	128000
Thallium	3.8	UJ	1.0	UJ	3.8	UJ	1.0	UJ	20.6	J	1.0
Vanadium	7.4	J	3.0	U	2.8	UJ		R	0.70	UJ	
Zinc	18.9	J		R	175	J	2290	J	1210	J	482
Wet Chemistry Analysis											
Alkalinity		NA	15.5	J	14.0	J	2.0	U		R	400
Carbon Dioxide		NA		NA	15.4	J		NA		R	
Chloride		NA	128		66.6		656		608		168
Ferrous Iron		NA		NA	0.030	U		NA	3.2		
Nitrate		NA		NA	0.93			NA	278	J	
Nitrate-Nitrite (as N)		NA	148	J		NA	421	J		NA	0.36
Nitrite-N		NA		NA	0.050	U		NA	3.24		
Sulfate		NA	260		5.0	U	219		270		311
Sulfide		NA		NA		R		NA		R	
Total Organic Carbon		NA		NA	2.05			NA	96.6		

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Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA	1	U	2	U
1,1,1-Trichloroethane	J	200	U	7	J	10	U	22		90	
1,1,2,2-Tetrachloroethane	UJ	200	U	10	U	10	U	1	U	2	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA	10	U	10	U	1	U	2	U
1,1,2-Trichloroethane	U	200	U	10	U	10	U	1	U	2	U
1,1-Dichloroethane		200	U	29		10	U	3.9		34	
1,1-Dichloroethene	J	200	U	12		0.9	U	11		65	
1,1-Dichloropropene	NA		NA		NA		NA	1	U	2	U
1,2,3-Trichlorobenzene	NA		NA		NA		NA	1	U	2	U
1,2,3-Trichloropropane	NA		NA		NA		NA	1	U	2	U
1,2,4-Trichlorobenzene	NA		NA	10	UJ	10	UJ	1	U	2	U
1,2,4-Trimethylbenzene	NA		NA		NA		NA	1	U	2	U
1,2-Dibromo-3-chloropropane	NA		NA	10	U	10	U	1	U	2	U
1,2-Dibromoethane	NA		NA	10	U	10	U	1	U	2	U
1,2-Dichlorobenzene	NA		NA	10	U	10	U	1	U	2	U
1,2-Dichloroethane	J	200	U	10	U	10	U	1	U	2	U
1,2-Dichloroethene (total)	*	2600			NA		NA		NA		NA
1,2-Dichloropropane	U	200	U	10	U	10	U	1	U	2	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA	1	U	2	U
1,3-Dichlorobenzene	NA		NA	10	U	10	U	1	U	2	U
1,3-Dichloropropane	NA		NA		NA		NA	1	U	2	U
1,4-Dichlorobenzene	NA		NA	10	U	10	U	1	U	2	U
1,4-Dioxane	NA		NA	100	UJ	100	UJ		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA	1	U	2	U
2-Butanone	UJ	200	UJ	10	U	10	U	4	U	8	U
2-Chloroethylvinylether	NA		NA		NA		NA	3	U	6	U
2-Chlorotoluene	NA		NA		NA		NA	1	U	2	U
2-Hexanone	UJ	200	UJ	10	UJ	10	UJ	0.6	U	1.2	U
4-Chlorotoluene	NA		NA		NA		NA	1	U	2	U
4-Methyl-2-Pentanone	UJ	200	U	10	U	10	U	0.5	U	1	U
Acetone	UJ	200	UJ	10	UJ	10	U	3.8	BJ	7.2	BJ
Acrolein	NA		NA		NA		NA	10	U	20	U
Acrylonitrile	NA		NA		NA		NA	5	U	10	U
Benzene		28	J	13		10	U	1	U	2	U
Bromobenzene	NA		NA		NA		NA	1	U	2	U
Bromochloromethane	NA		NA		NA		NA	1	U	2	U
Bromodichloromethane	U	200	U	10	U	10	U	1	U	2	U
Bromoform	U	200	U	10	U	10	U	1	U	2	U
Bromomethane	U	200	U	10	U	10	U	1	U	2	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	U	200	U	10	U	10	U	3	U	6	U
Carbon Tetrachloride	U	200	U	10	U	10	U	1	U	2	U
Chlorobenzene	*	960		740	*	10	U	1	U	2	U
Chloroethane	J	200	U	10	U	10	U	1	U	2	U
Chloroform	U	200	U	61		10	U	1	U	2	U
Chloromethane	U	200	U	10	U	10	U	1	U	2	U
cis-1,2-Dichloroethene	NA		NA	2500	*	10	U	5.9		52	
cis-1,3-Dichloropropene	U	200	U	10	U	10	U	1	U	2	U
Cyclohexane	NA		NA	10	U	10	U		NA		NA
Dibromochloromethane	U	200	U	10	U	10	U	1	U	2	U
Dibromomethane	NA		NA		NA		NA	1	U	2	U
Dichlorodifluoromethane	NA		NA	10	U	10	U	1	U	2	U
Ethyl Ether	NA		NA		NA		NA	3	U	6	U
Ethylbenzene		48	J	16		10	U	1	U	2	U
Hexachlorobutadiene	NA		NA		NA		NA	1	U	2	U
Isopropylbenzene	NA		NA	10	U	10	U	1	U	2	U
m&p-Xylene	NA		NA		NA		NA	2	U	4	U
Methyl Acetate	NA		NA	10	U	10	U		NA		NA
Methyl tert-Butyl Ether	NA		NA	10	U	10	U	1	U	2	U
Methylcyclohexane	NA		NA	10	U	10	U		NA		NA
Methylene Chloride	U	200	U	10	U	10	U	1	U	2	U
Naphthalene	NA		NA		NA		NA	1	U	2	U
n-Butylbenzene	NA		NA		NA		NA	1	U	2	U
n-Propylbenzene	NA		NA		NA		NA	1	U	2	U
o-Xylene	NA		NA		NA		NA	1	U	2	U
p-Isopropyltoluene	NA		NA		NA		NA	1	U	2	U
sec-Butylbenzene	NA		NA		NA		NA	1	U	2	U
Styrene	U	200	U	10	U	10	U	1	U	2	U
tert-Butylbenzene	NA		NA		NA		NA	1	U	2	U
Tetrachloroethene	U	200	U	10	U	10	U	1	U	2	U
Tetrahydrofuran	NA		NA		NA		NA	7	U	14	U
Toluene		38	J	140		10	U	0.79	L	2.3	
Total Xylenes		87	J	47		10	U		NA		NA
trans-1,2-Dichloroethene	NA		NA	5	J	10	U	1	U	2	U
trans-1,3-Dichloropropene	U	200	U	10	U	10	U	1	U	2	U
Trichloroethene	J	200	U	180		10	U	11		120	
Trichlorofluoromethane	NA		NA	10	U	10	U	1	U	2	U
Vinyl Acetate	NA		NA		NA		NA	6	U	12	U
Vinyl Chloride	*	1500		530	*	1	U	1	U	2	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	NA		NA	39.0			NA		NA		NA
Ethene	NA		NA	69.0			NA		NA		NA
Methane	NA		NA	930			NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA	22		90	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA	10		69	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA	0.7	U	22	U
Chlorobenzene	NA		NA		NA		NA	2	U	62	U
cis-1,2-Dichloroethene	NA		NA		NA		NA	5.8		44	
Ethylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA	0.5	U	16	U
Toluene	NA		NA		NA		NA	1	U	31	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA	14		118	
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA	10	U	10	U		NA		NA
1,2,4-Trichlorobenzene	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	U	0.9	J		NA		NA		NA		NA
1,3-Dichlorobenzene	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	U	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	U	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	U	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	U	10	U	10	U	10	U		NA		NA
2,4-Dimethylphenol	U	66		10	U	10	U		NA		NA
2,4-Dinitrophenol	U	25	U	25	U	25	U		NA		NA
2,4-Dinitrotoluene	U	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	U	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	U	10	U	10	U	10	U		NA		NA
2-Chlorophenol	U	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	U	10	U	10	U	10	U		NA		NA
2-Methylphenol	J	44		10	U	10	U		NA		NA
2-Nitroaniline	U	25	U	25	U	25	U		NA		NA
2-Nitrophenol	U	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	UJ	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	R	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	U	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	U	9	J	10	U	10	U		NA		NA
4-Chloroaniline	U	10	U	10	UJ	10	UJ		NA		NA
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U		NA		NA
4-Methylphenol		29		10	U	10	U		NA		NA
4-Nitroaniline	U	25	UJ	25	U	25	U		NA		NA
4-Nitrophenol	U	25	UJ	25	U	25	U		NA		NA
Acenaphthene	U	10	U	10	U	10	U		NA		NA
Acenaphthylene	U	10	U	10	U	10	U		NA		NA
Acetophenone	NA		NA	10	U	10	U		NA		NA
Anthracene	U	10	U	10	U	10	U		NA		NA
Atrazine	NA		NA	10	U	10	U		NA		NA
Benzaldehyde	NA		NA	10	UJ	10	UJ		NA		NA
Benzo(a)anthracene	U	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	U	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	U	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	U	10	U	10	UJ	10	UJ		NA		NA
Benzo(k)fluoranthene	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	U	10	U	10	U	10	U		NA		NA
Caprolactam	NA		NA	10	U	7	J		NA		NA
Carbazole	UJ	10	U	10	U	10	U		NA		NA
Chrysene	U	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	U	10	U	10	UJ	10	UJ		NA		NA
Dibenzofuran	U	10	U	10	U	10	U		NA		NA
Diethylphthalate	U	10	U	10	U	10	U		NA		NA
Dimethylphthalate	U	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	U	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	U	10	U	10	UJ	10	UJ		NA		NA
Fluoranthene	U	10	UJ	10	U	10	U		NA		NA
Fluorene	U	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	U	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	U	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	U	10	U	10	U	10	U		NA		NA
Hexachloroethane	U	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	U	10	U	10	UJ	10	UJ		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	U	10	U	10	U	10	U		NA		NA
Naphthalene	J	8	J	10	U	10	U		NA		NA
Nitrobenzene	U	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	U	10	U	10	U	10	U		NA		NA
Pentachlorophenol	U	25	U	25	U	25	U		NA		NA
Phenanthrene	U	10	U	10	U	10	U		NA		NA
Phenol	U	10	U	10	U	10	U		NA		NA
Pyrene	U	10	U	10	U	10	U		NA		NA
Total PAH		8			NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA	0.20	U	0.20	U		NA		NA
Benzo(a)anthracene	NA		NA	0.20	U	0.20	U		NA		NA
Benzo(a)pyrene	NA		NA	0.20	U	0.20	U		NA		NA
Benzo(b)fluoranthene	NA		NA	0.20	U	0.20	U		NA		NA
Benzo(k)fluoranthene	NA		NA	0.20	U	0.20	U		NA		NA
Chrysene	NA		NA	0.20	U	0.20	U		NA		NA
Dibenzo(a,h)anthracene	NA		NA	0.20	U	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA	0.20	U	0.20	U		NA		NA
Phenanthrene	NA		NA	0.20	U	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE	R	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT	U	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin	U	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC	U	0.0036	J	0.050	U	0.050	U		NA		NA
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U		NA		NA
Aroclor, Total	U	1.1	U		NA		NA		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1221	U	2.0	U	0.25	U	0.25	U		NA		NA
Aroclor-1232	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1242	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1248	U	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1254	U	1.0	U	0.25	U	0.25	U		NA		NA
Aroclor-1260	U	1.0	U	0.25	U	0.25	U		NA		NA
Aroclor-1262	U	1.0	U	0.28	U	0.28	U		NA		NA
Aroclor-1268	U	1.0	U	1.0	U	1.0	U		NA		NA
beta-BHC	U	0.050	U	0.050	U	0.050	U		NA		NA
delta-BHC	U	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin	R	0.10	U	0.050	U	0.050	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	U	0.050	U	0.050	U	0.050	U		NA		NA
Endosulfan II	U	0.10	U	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U		NA		NA
Endrin	U	0.041	J	0.050	U	0.050	U		NA		NA
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone	U	0.10	U	0.10	U	0.10	U		NA		NA
gamma-BHC	UJ		R	0.050	U	0.050	U		NA		NA
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor	U	0.050	U	0.020	U	0.020	U		NA		NA
Heptachlor Epoxide	U	0.050	U	0.020	U	0.020	U		NA		NA
Methoxychlor	U	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene	U	5.0	U	5.0	U	5.0	U		NA		NA
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA	2.2	U		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA	1.2	U		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA	1.5	U		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA	1.2	U		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA	3.5	EMPC		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA	1.2	U		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA	3.2	JB		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA	1.2	U		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA	4.2	JB		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA	1.6	U		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA	1.0	U		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA	3.2	JB		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA	1.0	U		NA		NA		NA
2,3,7,8-TCDD	NA		NA	1.2	U		NA		NA		NA
2,3,7,8-TCDF	NA		NA	0.90	U		NA		NA		NA
OCDD	NA		NA	14.4	JB		NA		NA		NA
OCDF	NA		NA	7.3	JB		NA		NA		NA
Total HpCDD	NA		NA	2.2	U		NA		NA		NA
Total HpCDF	NA		NA	1.3	U		NA		NA		NA
Total HxCDD	NA		NA	1.2	U		NA		NA		NA
Total HxCDF	NA		NA	14.0	EMPC		NA		NA		NA
Total PeCDD	NA		NA	1.6	U		NA		NA		NA
Total PeCDF	NA		NA	1.0	U		NA		NA		NA
Total TCDD	NA		NA	1.2	U		NA		NA		NA
Total TCDF	NA		NA	0.90	U		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU1-PC-14S-02		OU1-MW-PC14S-07		OU2-MW-PZ14-07		RM-GW15-0022.5		RM-GW15-0027.5	
Sample Location		MW-PC14S		MW-PC14S		MW-PZ14		15		15	
Date Sampled		12/2/1998		1/23/2003		1/23/2003		2/25/2002		2/25/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-22.5		0.0-27.5	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	UJ	35.3		245	UJ	207	UJ		NA		NA
Antimony	U	4.0	U	1.8	UJ	1.8	UJ		NA		NA
Arsenic		55.5		28.5	J	3.6	UJ		NA		NA
Barium	J	237		48.4	J	3.5	UJ		NA		NA
Beryllium	U	0.60	U	0.20	UJ	0.20	UJ		NA		NA
Cadmium	U	4.9		0.30	UJ	0.60	UJ		NA		NA
Calcium		48800		40200	J	8330	J		NA		NA
Chromium	UJ	0.90	U	0.88	UJ	4.1	UJ		NA		NA
Chromium VI	NA		NA		NA		NA		NA		NA
Cobalt	R	3.2	U	14.3	J	0.90	UJ		NA		NA
Copper	R	2.3	U	11.3	J	8.6	J		NA		NA
Cyanide	NA	7.3		7.3	J		NA		NA		NA
Iron	J	157000		134000	J	135	J		NA		NA
Lead	UJ	1.7	U	4.3	UJ	1.5	UJ		NA		NA
Magnesium		103000		98100	J	2110	J		NA		NA
Manganese	J	1320		3970	J	35.5	UJ		NA		NA
Mercury	U	0.10	U	0.10	U	0.10	U		NA		NA
Nickel	J	6.9		9.2	J	74.0	J		NA		NA
Potassium	J	30100		19800		670			NA		NA
Selenium	UJ	3.9		4.8	UJ	2.1	UJ		NA		NA
Silver	UJ	3.9		0.80	UJ	0.80	UJ		NA		NA
Sodium	J	139000		88300	J	7980	J		NA		NA
Thallium	UJ	7.7		12.4	J	3.8	UJ		NA		NA
Vanadium	R	2.9	U	0.70	UJ	1.7	UJ		NA		NA
Zinc	J	8.9		86.9	J	30.8	J		NA		NA
Wet Chemistry Analysis											
Alkalinity	J	322		108	J		NA		NA		NA
Carbon Dioxide	NA		NA	275	J		NA		NA		NA
Chloride		258		91.1			NA		NA		NA
Ferrous Iron	NA		NA	96.0			NA		NA		NA
Nitrate	NA		NA	0.050	U		NA		NA		NA
Nitrate-Nitrite (as N)	J	0.050	UJ		NA		NA		NA		NA
Nitrite-N	NA		NA	0.050	U		NA		NA		NA
Sulfate		467	J	718			NA		NA		NA
Sulfide	NA		NA	0.84	J		NA		NA		NA
Total Organic Carbon	NA		NA	16.9			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	5	U	10	U		NA		NA		NA		NA
1,1,1-Trichloroethane	110		89		2500	U	400	U	7	J	25	J
1,1,2,2-Tetrachloroethane	5	U	10	U	2500	U	400	U	10	UJ	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	5	U	10	U	2500	U	400	U	10	UJ	100	U
1,1-Dichloroethane	47		20		2500	U	400	U	56	J	78	J
1,1-Dichloroethene	80		35		2500	U	400	U	14	J	16	J
1,1-Dichloropropene	5	U	10	U		NA		NA		NA		NA
1,2,3-Trichlorobenzene	5	U	10	U		NA		NA		NA		NA
1,2,3-Trichloropropane	5	U	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	5	U	10	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene	5	U	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	5	U	10	U		NA		NA		NA		NA
1,2-Dibromoethane	5	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	5	U	10	U		NA		NA		NA		NA
1,2-Dichloroethane	5	U	10	U	2500	U	400	U	10	UJ	100	U
1,2-Dichloroethene (total)		NA		NA	2500	U	400	U	98	J	390	
1,2-Dichloropropane	5	U	10	U	2500	U	400	U	10	UJ	100	U
1,3,5-Trimethylbenzene	5	U	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	5	U	10	U		NA		NA		NA		NA
1,3-Dichloropropane	5	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	5	U	10	U		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	5	U	10	U		NA		NA		NA		NA
2-Butanone	20	U	40	U	2500	U	400	U	10	UJ	100	UJ
2-Chloroethylvinylether	15	U	30	U		NA		NA		NA		NA
2-Chlorotoluene	5	U	10	U		NA		NA		NA		NA
2-Hexanone	3	U	6	U	2500	U	400	U	10	UJ	100	UJ
4-Chlorotoluene	5	U	10	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	2.5	U	5	U	2500	U	400	U	10	U	100	UJ
Acetone	14	JB	49	JB	1400	JTB	250	JTB	10	UJ	100	UJ
Acrolein	50	U	100	U		NA		NA		NA		NA
Acrylonitrile	25	U	50	U		NA		NA		NA		NA
Benzene	5	U	10	U	2500	U	400	U	10	J	13	J
Bromobenzene	5	U	10	U		NA		NA		NA		NA
Bromochloromethane	5	U	10	U		NA		NA		NA		NA
Bromodichloromethane	5	U	10	U	2500	U	400	U	10	UJ	100	U
Bromoform	5	U	10	U	2500	U	400	U	10	UJ	100	U
Bromomethane	5	U	10	U	2500	U	400	U	10	UJ	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Carbon Disulfide	15	U	30	U	2500	UJ	400	UJ	10	UJ	100	U
Carbon Tetrachloride	5	U	10	U	2500	U	400	U	10	UJ	100	U
Chlorobenzene	5	U	10	U	2500	U	400	U	220	*	320	
Chloroethane	5	U	10	U	2500	UJ	400	UJ	10	UJ	100	U
Chloroform	5	U	10	U	2500	U	400	U	10	UJ	100	U
Chloromethane	5	U	10	U	2500	U	400	U	10	UJ	100	UJ
cis-1,2-Dichloroethene	73		30			NA		NA		NA		NA
cis-1,3-Dichloropropene	5	U	10	U	2500	U	400	U	10	UJ	100	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	5	U	10	U	2500	U	400	U	10	UJ	100	U
Dibromomethane	5	U	10	U		NA		NA		NA		NA
Dichlorodifluoromethane	5	U	10	U		NA		NA		NA		NA
Ethyl Ether	15	U	30	U		NA		NA		NA		NA
Ethylbenzene	5	U	10	U	1200	J	1200		10	U	100	U
Hexachlorobutadiene	5	U	10	U		NA		NA		NA		NA
Isopropylbenzene	5	U	10	U		NA		NA		NA		NA
m&p-Xylene	10	U	20	U		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	5	U	10	U		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	5	U	10	U	2500	U	44	J	12	UJ	100	U
Naphthalene	5	U	10	U		NA		NA		NA		NA
n-Butylbenzene	5	U	10	U		NA		NA		NA		NA
n-Propylbenzene	5	U	10	U		NA		NA		NA		NA
o-Xylene	5	U	10	U		NA		NA		NA		NA
p-Isopropyltoluene	5	U	10	U		NA		NA		NA		NA
sec-Butylbenzene	5	U	10	U		NA		NA		NA		NA
Styrene	5	U	10	U	2500	U	400	U	10	U	100	U
tert-Butylbenzene	5	U	10	U		NA		NA		NA		NA
Tetrachloroethene	5	U	10	U	2500	U	400	U	10	U	100	U
Tetrahydrofuran	35	U	70	U		NA		NA		NA		NA
Toluene	5	U	10	U	48000		2700		10	U	100	U
Total Xylenes		NA		NA	8000		4600		2	J	100	U
trans-1,2-Dichloroethene	5	U	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	5	U	10	U	2500	U	400	U	10	UJ	100	U
Trichloroethene	160		73		2500	U	400	U	1200	*	1300	
Trichlorofluoromethane	5	U	10	U		NA		NA		NA		NA
Vinyl Acetate	30	U	60	U		NA		NA		NA		NA
Vinyl Chloride	5	U	10	U	2500	U	400	U	19	J	100	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	101			NA	5000	U	500	U		NA		NA
1,1-Dichloroethane		NA		NA	5000	U	500	U		NA		NA
1,1-Dichloroethene	87			NA	5000	U	500	U		NA		NA
1,2-Dichloroethane		NA		NA	5000	U	500	U		NA		NA
Benzene	20	U		NA	5000	U	500	U		NA		NA
Chlorobenzene	50	U		NA	5000	U	500	U		NA		NA
cis-1,2-Dichloroethene	57			NA	5000	U	500	U		NA		NA
Ethylbenzene		NA		NA	5000	U	1300			NA		NA
m&p-Xylene		NA		NA	5000	U	4800			NA		NA
o-Xylene		NA		NA	5000	U	500	U		NA		NA
Tetrachloroethene	13	U		NA	5000	U	500	U		NA		NA
Toluene	25	U		NA	54000		3000			NA		NA
trans-1,2-Dichloroethene		NA		NA	5000	U	500	U		NA		NA
Trichloroethene	161			NA	5000	U	500	U		NA		NA
Vinyl Chloride		NA		NA	5000	U	500	U		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	UJ	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA		R	25	UJ
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
3-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	0.8	J
4-Chloroaniline		NA		NA		NA		NA	10	U	10	U
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U
4-Nitroaniline		NA		NA		NA		NA	25	UJ	25	U
4-Nitrophenol		NA		NA		NA		NA	25	UJ	15	J
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	UJ
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA	10	U	10	U
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	UJ	10	U
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	UJ	10	UJ
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA		R	0.10	U
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.10	U
Aldrin		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA	0.050	U	0.050	U
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA	1.1	U	1.1	U
Aroclor-1016		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA	2.0	U	2.0	U
Aroclor-1232		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1260		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1262		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1268		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
delta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA		R	0.10	U

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Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Endosulfan I		NA		NA		NA		NA	0.050	U	0.050	U
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA	0.050	U		R
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.050	U
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW15-0032.5		RM-GW15-0043		AA-DPA1-5-0914		AA-DPA1-5-1924		OU1-PC-15B-01		OU1-PC-15B-02	
Sample Location	15		15		AA-DPA1-5		AA-DPA1-5		MW-PC15B		MW-PC15B	
Date Sampled	2/25/2002		2/25/2002		9/9/1997		9/9/1997		12/8/1997		12/1/1998	
Interval	0.0-32.5		0.0-43.0		9.0-14.0		19.0-24.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Aluminum		NA		NA	35.6	U	35.6	U	52.1	UJ	224	
Antimony		NA		NA	25.2	U	25.2	U	50.0	U	4.0	U
Arsenic		NA		NA	6.1		28.0		1.0	U	2.0	U
Barium		NA		NA	282		177		33.1	J	38.0	
Beryllium		NA		NA	2.3	U	2.3	U	1.0	U	0.60	U
Cadmium		NA		NA	4.3	U	4.3	U	2.0	U	0.40	U
Calcium		NA		NA	23400		12100		141000		136000	
Chromium		NA		NA	6.3	U	6.3	U	5.0	UJ	8.5	
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA	5.5	U	5.5	U	14.0		27.6	
Copper		NA		NA	5.2	U	5.2	U	3.9	J	5.5	
Cyanide		NA		NA		NA		NA		NA	4.5	
Iron		NA		NA	50100	J	77500	J	229	UJ	701	
Lead		NA		NA	0.90	UJ	1.0	UJ	1.1	UJ	2.4	
Magnesium		NA		NA	7540		5490		61000		58300	
Manganese		NA		NA	11300		11300		4010	J	3560	
Mercury		NA		NA	0.20	U	0.20	U	0.10	U	0.10	U
Nickel		NA		NA	13.8	U	13.8	U	10.0	U	11.0	
Potassium		NA		NA	5070		3350		8900	J	9210	
Selenium		NA		NA	1.4	U	1.4	U	1.0	UJ	1.9	U
Silver		NA		NA	3.7	U	3.7	U	3.0	UJ	1.5	
Sodium		NA		NA	91100		24500	U	38700	J	40400	
Thallium		NA		NA	0.80	UJ	0.80	UJ	1.0	UJ	3.6	U
Vanadium		NA		NA	3.0	U	3.0	U	3.0	U	2.9	U
Zinc		NA		NA	33.5	U	31.9	U	4.0	UJ	8.0	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	275	J	307	
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	146		169	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	11.2	J	2.9	J
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	24.6		127	J
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	6	J	10	U	20	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	UJ	20	U	10	U	10	UJ	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U	10	U	20	U	10	U	10	U	10	U
1,1-Dichloroethane	46		120		24		43		150		20	
1,1-Dichloroethene	12		10	U	20	UJ	2		2	J	10	UJ
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U		NA		NA
1,2-Dibromoethane	10	U		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U	10	U	20	UJ	10	U	10	U	10	UJ
1,2-Dichloroethene (total)		NA	200		26			NA	300	*	8	J
1,2-Dichloropropane	10	U	10	U	20	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,4-Dioxane	450	J		NA		NA	470	J		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	20	UJ	10	U	10	U	10	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	20	UJ	10	U	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	20	U	10	U	10	U	10	U
Acetone	10	U	10	U	20	UJ	10	U	10	U	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	6	J	3	J	2	J	2	J	16		4	J
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	20	U	10	U	10	U	10	U
Bromoform	10	U	10	U	20	U	10	U	10	U	10	U
Bromomethane	10	U	10	UJ	20	U	10	UJ	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	20	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	20	U	10	U	10	U	10	U
Chlorobenzene	210		190	*	180		160		280	*	100	
Chloroethane	1	J	520	*	120		8	J	1500	*	10	U
Chloroform	1	J	10	U	20	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	20	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	140			NA		NA	9	J		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	20	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U	10	U	20	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA	10	UJ		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	4	J	20	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA	10	U		NA		NA
Methylcyclohexane	10	U		NA		NA	10	U		NA		NA
Methylene Chloride	10	UJ	10	U	20	U	10	UJ	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	20	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	1	J	10	U	20	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	9	J	20	U	1	J	10		2	J
Total Xylenes	10	U	7	J	2	J	10	U	15		10	U
trans-1,2-Dichloroethene	1	J		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	20	U	10	U	10	U	10	U
Trichloroethene	1200	*	4	J	3	J	25		10	U	10	U
Trichlorofluoromethane	10	UJ		NA		NA	10	UJ		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10		95		10	J	4		190		6	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA		NA	10.0	U		NA		NA
Ethene	10.0	U		NA		NA	10.0	U		NA		NA
Methane	42.0			NA		NA	1600			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,2-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,4-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	UJ	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ		R	25	U	25	UJ		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	0.6	J	10	U	10	U	10	U
2-Nitroaniline	25	UJ	25	U	25	U	25	UJ	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	0.9	J	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	U	25	U	25	UJ	25	UJ	25	U
4-Nitrophenol	12	J	25	U	25	U	1	J	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	UJ		NA		NA	10	UJ		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA		NA	10	U		NA		NA
Benzaldehyde	10	UJ		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	UJ	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	1	J	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	UJ	10	UJ
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	2	J	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U	2			NA	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Chrysene	0.20	U		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Phenanthrene	0.20	U		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U		R	0.10	U	0.10	U		R	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U	1.1	U		NA	1.1	U	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	2.0	U	0.25	U	2.0	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U	1.0	U
Aroclor-1262	0.28	U	1.0	U	1.0	U	0.28	U	1.0	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.26		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U		R	0.016	J	0.050	U		R	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.022	J	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U		R	0.050	U	0.050	U		R
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.0	U		NA		NA	8.6	U		NA		NA
1,2,3,4,6,7,8-HpCDF	1.0	U		NA		NA	4.8	U		NA		NA
1,2,3,4,7,8,9-HpCDF	1.2	U		NA		NA	6.5	U		NA		NA
1,2,3,4,7,8-HxCDD	1.1	U		NA		NA	4.9	U		NA		NA
1,2,3,4,7,8-HxCDF	0.60	U		NA		NA	3.1	U		NA		NA
1,2,3,6,7,8-HxCDD	1.1	U		NA		NA	4.9	U		NA		NA
1,2,3,6,7,8-HxCDF	0.60	U		NA		NA	2.8	U		NA		NA
1,2,3,7,8,9-HxCDD	1.0	U		NA		NA	4.8	U		NA		NA
1,2,3,7,8,9-HxCDF	0.70	U		NA		NA	4.0	U		NA		NA
1,2,3,7,8-PeCDD	1.1	U		NA		NA	5.0	U		NA		NA
1,2,3,7,8-PeCDF	0.60	U		NA		NA	2.7	U		NA		NA
2,3,4,6,7,8-HxCDF	0.70	U		NA		NA	3.3	U		NA		NA
2,3,4,7,8-PeCDF	0.60	U		NA		NA	2.7	U		NA		NA
2,3,7,8-TCDD	0.90	U		NA		NA	4.4	U		NA		NA
2,3,7,8-TCDF	0.70	U		NA		NA	3.3	U		NA		NA
OCDD	6.9	U		NA		NA	101	J		NA		NA
OCDF	2.5	U		NA		NA	10.6	UJ		NA		NA
Total HpCDD	2.0	UJ		NA		NA	8.6	UJ		NA		NA
Total HpCDF	1.1	UJ		NA		NA	5.5	UJ		NA		NA
Total HxCDD	1.1	UJ		NA		NA	4.9	UJ		NA		NA
Total HxCDF	0.70	UJ		NA		NA	3.2	UJ		NA		NA
Total PeCDD	1.1	UJ		NA		NA	5.0	UJ		NA		NA
Total PeCDF	0.60	UJ		NA		NA	2.7	UJ		NA		NA
Total TCDD	0.90	UJ		NA		NA	4.4	UJ		NA		NA
Total TCDF	0.70	UJ		NA		NA	3.3	UJ		NA		NA
Toxicity Equivalency	0.00	U		NA		NA	0.010	J		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15B-07		OU1-PC-15D-01		OU1-PC-15D-02		OU1-MW-PC15D-07		OU1-PC-15S-01		OU1-PC-15S-02	
Sample Location	MW-PC15B		MW-PC15D		MW-PC15D		MW-PC15D		MW-PC15S		MW-PC15S	
Date Sampled	1/16/2003		12/8/1997		12/1/1998		1/16/2003		12/8/1997		12/1/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	18.0	U	20.0	U	187		133	U	68.0	UJ	81.7	
Antimony	3.5	U	50.0	U	4.0	U	3.5	U	50.0	U	4.0	U
Arsenic	2.3	U	25.1		120		99.3		14.0		28.1	
Barium	26.4		354	J	596		115		2760	J	717	
Beryllium	1.1	U	1.0	U	0.60	U	1.1	U	1.0	U	0.60	U
Cadmium	0.50	UJ	2.0	U	0.58		0.50	UJ	2.0	U	0.40	U
Calcium	112000		39500		42200		55300		43700		50900	
Chromium	0.50	U	5.0	UJ	0.90	U	0.50	U	5.0	UJ	0.90	U
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	9.1		10.9		6.4		3.6	U	3.0	U	3.2	U
Copper	0.80	UJ	2.0	U	2.3	U	0.80	UJ	12.5		31.3	
Cyanide		NA		NA	2.8			NA		NA	3.6	
Iron	22.8	U	13500	J	33200		47000		13500	J	17100	
Lead	1.5	UJ	1.4	UJ	2.2		1.5	UJ	18.4	UJ	16.9	
Magnesium	38700		70500		75600		67800		63100		108000	
Manganese	2110		1290	J	830		1250		2140	J	2760	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	1.7	U	10.0	U	4.2		1.7	U	10.0	U	5.9	
Potassium	6190	J	7120	J	11400		16700	J	5960	J	8220	
Selenium	2.2	UJ	1.0	UJ	2.3		2.2	UJ	1.0	UJ	1.9	U
Silver	0.80	UJ	3.0	UJ	1.3		0.80	UJ	3.0	UJ	1.9	
Sodium	30200	J	69500	J	96900		155000	J	82900	J	66900	
Thallium	4.0	U	1.0	UJ	3.6	U	4.0	U	1.0	UJ	3.6	U
Vanadium	0.80	U	3.0	U	2.9	U	0.80	U	3.0	U	2.9	U
Zinc	22.2	UJ	149	UJ	11.5		144	J	80.2	UJ	63.7	
Wet Chemistry Analysis												
Alkalinity	212		345	J	316		170		440	J	494	
Carbon Dioxide	206	J		NA		NA	273	J		NA		NA
Chloride	141		78.5		104		27.6		92.3		90.3	
Ferrous Iron	0.030	U		NA		NA	2.46			NA		NA
Nitrate	10.1			NA		NA	0.050	U		NA		NA
Nitrate-Nitrite (as N)		NA		R	0.050	UJ		NA		R	0.050	UJ
Nitrite-N	0.23			NA		NA	0.050	U		NA		NA
Sulfate	90.3		96.4		183	J	102		10.9		116	J
Sulfide	0.50	U		NA		NA	0.50	U		NA		NA
Total Organic Carbon	7.77			NA		NA	13.7			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA	10	U	10	U	10	U	10	U		NA
1,1,1-Trichloroethane	10	U	380		390		390		290			NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethane	41		57		59		61		40			NA
1,1-Dichloroethene	0.9	U	200		210		220		140			NA
1,1-Dichloropropene		NA	10	U	10	U	10	U	10	U		NA
1,2,3-Trichlorobenzene		NA	10	U	10	U	10	U	10	U		NA
1,2,3-Trichloropropane		NA	10	U	10	U	10	U	10	U		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,2,4-Trimethylbenzene		NA	10	U	10	U	10	U	10	U		NA
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U		NA
1,3,5-Trimethylbenzene		NA	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,3-Dichloropropane		NA	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,4-Dioxane	430	J		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA	10	U	10	U	10	U	10	U		NA
2-Butanone	10	U	40	U	40	U	40	U	40	U		NA
2-Chloroethylvinylether		NA	30	U	30	U	30	U	30	U		NA
2-Chlorotoluene		NA	10	U	10	U	10	U	10	U		NA
2-Hexanone	10	U	6	U	6	U	6	U	6	U		NA
4-Chlorotoluene		NA	10	U	10	U	10	U	10	U		NA
4-Methyl-2-Pentanone	10	U	5	U	5	U	5	U	5	U		NA
Acetone	10	U	34	JB	35	JB	25	JB	20	U		NA
Acrolein		NA	100	U	100	U	100	U	100	U		NA
Acrylonitrile		NA	50	U	50	U	50	U	50	U		NA
Benzene	1	J	10	U	10	U	10	U	10	U		NA
Bromobenzene		NA	10	U	10	U	10	U	10	U		NA
Bromochloromethane		NA	10	U	10	U	10	U	10	U		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U		NA
Bromoform	10	U	10	U	10	U	10	U	10	U		NA
Bromomethane	10	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	30	U	30	U	30	U	30	U		NA
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U		NA
Chlorobenzene	84		10	U	10	U	10	U	10	U		NA
Chloroethane	10	U	10	U	10	U	10	U	10	U		NA
Chloroform	10	U	10	U	10	U	10	U	10	U		NA
Chloromethane	10	U	10	U	10	U	10	U	10	U		NA
cis-1,2-Dichloroethene	1	J	95		110		110		76			NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U		NA
Cyclohexane	10	U		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U		NA
Dibromomethane		NA	10	U	10	U	10	U	10	U		NA
Dichlorodifluoromethane	10	UJ	10	U	10	U	10	U	10	U		NA
Ethyl Ether		NA	30	U	30	U	30	U	30	U		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene		NA	10	U	10	U	10	U	10	U		NA
Isopropylbenzene	10	U	10	U	10	U	10	U	10	U		NA
m&p-Xylene		NA	20	U	20	U	20	U	20	U		NA
Methyl Acetate	10	U		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U		NA
Methylcyclohexane	10	U		NA		NA		NA		NA		NA
Methylene Chloride	10	UJ	10	U	10	U	10	U	10	U		NA
Naphthalene		NA	10	U	10	U	10	U	10	U		NA
n-Butylbenzene		NA	10	U	10	U	10	U	10	U		NA
n-Propylbenzene		NA	10	U	10	U	10	U	10	U		NA
o-Xylene		NA	10	U	10	U	10	U	10	U		NA
p-Isopropyltoluene		NA	10	U	10	U	10	U	10	U		NA
sec-Butylbenzene		NA	10	U	10	U	10	U	10	U		NA
Styrene	10	U	10	U	10	U	10	U	10	U		NA
tert-Butylbenzene		NA	10	U	10	U	10	U	10	U		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U		NA
Tetrahydrofuran		NA	70	U	70	U	70	U	70	U		NA
Toluene	10	U	10	U	10	U	10	U	10	U		NA
Total Xylenes	10	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U		NA
Trichloroethene	5	J	170		160		150		100			NA
Trichlorofluoromethane	10	UJ	10	U	10	U	10	U	10	U		NA
Vinyl Acetate		NA	60	U	60	U	60	U	60	U		NA
Vinyl Chloride	1	U	10	U	10	U	10	U	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U		NA		NA		NA		NA		NA
Ethene	10.0	U		NA		NA		NA		NA		NA
Methane	780			NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	350		354			NA		NA	1	U
1,1-Dichloroethane		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethene		NA	212		230			NA		NA	1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA	1	U
Benzene		NA	20	U	20	U		NA		NA	1	U
Chlorobenzene		NA	54	U	56	U		NA		NA	1	U
cis-1,2-Dichloroethene		NA	88		92			NA		NA	1	U
Ethylbenzene		NA		NA		NA		NA		NA	1	U
m&p-Xylene		NA		NA		NA		NA		NA	3.3	
o-Xylene		NA		NA		NA		NA		NA	1	U
Tetrachloroethene		NA	14	U	14	U		NA		NA	1	U
Toluene		NA	27	U	28	U		NA		NA	2.9	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	1	U
Trichloroethene		NA	173		187			NA		NA	1	U
Vinyl Chloride		NA		NA		NA		NA		NA	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	UJ		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dichlorophenol	10	U		NA		NA		NA		NA		NA
2,4-Dimethylphenol	10	U		NA		NA		NA		NA		NA
2,4-Dinitrophenol	25	UJ		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA		NA
2-Chloronaphthalene	10	U		NA		NA		NA		NA		NA
2-Chlorophenol	10	U		NA		NA		NA		NA		NA
2-Methylnaphthalene	10	U		NA		NA		NA		NA		NA
2-Methylphenol	10	U		NA		NA		NA		NA		NA
2-Nitroaniline	25	UJ		NA		NA		NA		NA		NA
2-Nitrophenol	10	U		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA		NA
4-Chloroaniline	10	UJ		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA		NA
4-Methylphenol	10	U		NA		NA		NA		NA		NA
4-Nitroaniline	25	UJ		NA		NA		NA		NA		NA
4-Nitrophenol	25	U		NA		NA		NA		NA		NA
Acenaphthene	10	U		NA		NA		NA		NA		NA
Acenaphthylene	10	U		NA		NA		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA
Anthracene	10	U		NA		NA		NA		NA		NA
Atrazine	10	U		NA		NA		NA		NA		NA
Benzaldehyde	10	UJ		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	10	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	UJ		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA		NA
Butylbenzylphthalate	10	U		NA		NA		NA		NA		NA
Caprolactam	2	J		NA		NA		NA		NA		NA
Carbazole	10	U		NA		NA		NA		NA		NA
Chrysene	10	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA		NA		NA		NA		NA
Dibenzofuran	10	U		NA		NA		NA		NA		NA
Diethylphthalate	10	U		NA		NA		NA		NA		NA
Dimethylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-Butylphthalate	10	U		NA		NA		NA		NA		NA
Di-n-octylphthalate	10	U		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA		NA		NA		NA		NA
Fluorene	10	U		NA		NA		NA		NA		NA
Hexachlorobenzene	10	U		NA		NA		NA		NA		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA		NA
Hexachloroethane	10	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U		NA		NA		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA		NA
Nitrobenzene	10	U		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	UJ		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA		NA
Pentachlorophenol	25	U		NA		NA		NA		NA		NA
Phenanthrene	10	U		NA		NA		NA		NA		NA
Phenol	10	U		NA		NA		NA		NA		NA
Pyrene	10	U		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA
Aldrin	0.050	U		NA		NA		NA		NA		NA
alpha-BHC	0.050	U		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA
beta-BHC	0.050	U		NA		NA		NA		NA		NA
delta-BHC	0.050	U		NA		NA		NA		NA		NA
Dieldrin	0.050	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U		NA		NA		NA		NA		NA
Endosulfan II	0.10	U		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA
Endrin	0.050	U		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA
gamma-BHC	0.050	U		NA		NA		NA		NA		NA
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA
Heptachlor	0.020	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA		NA		NA		NA		NA
Methoxychlor	0.50	U		NA		NA		NA		NA		NA
Toxaphene	5.0	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.4	U		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	1.2	U		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	1.5	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	1.3	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	0.70	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	1.3	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	0.70	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	1.3	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	0.90	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	1.0	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	0.60	U		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	0.80	U		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	0.60	U		NA		NA		NA		NA		NA
2,3,7,8-TCDD	0.90	U		NA		NA		NA		NA		NA
2,3,7,8-TCDF	0.70	U		NA		NA		NA		NA		NA
OCDD	5.9	U		NA		NA		NA		NA		NA
OCDF	2.9	U		NA		NA		NA		NA		NA
Total HpCDD	2.4	UJ		NA		NA		NA		NA		NA
Total HpCDF	1.4	UJ		NA		NA		NA		NA		NA
Total HxCDD	1.3	UJ		NA		NA		NA		NA		NA
Total HxCDF	0.80	UJ		NA		NA		NA		NA		NA
Total PeCDD	1.0	UJ		NA		NA		NA		NA		NA
Total PeCDF	0.60	UJ		NA		NA		NA		NA		NA
Total TCDD	0.90	UJ		NA		NA		NA		NA		NA
Total TCDF	0.70	UJ		NA		NA		NA		NA		NA
Toxicity Equivalency	0.00	U		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC15S-07		RM-GW16-0024		RM-GW16-0029		RM-GW16-034		RM-GW16-0044		OU2-DP1-6-0914	
Sample Location	MW-PC15S		16		16		16		16		DP1-6	
Date Sampled	1/20/2003		2/25/2002		2/25/2002		2/25/2002		2/26/2002		8/5/1997	
Interval	0.0-0.0		0.0-24.0		0.0-29.0		0.0-34.0		0.0-44.0		9.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	431			NA		NA		NA		NA		NA
Antimony	1.8	U		NA		NA		NA		NA		NA
Arsenic	54.3			NA		NA		NA		NA		NA
Barium	23.0			NA		NA		NA		NA		NA
Beryllium	0.20	U		NA		NA		NA		NA		NA
Cadmium	0.30	U		NA		NA		NA		NA		NA
Calcium	58100			NA		NA		NA		NA		NA
Chromium	0.70	U		NA		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	5.8			NA		NA		NA		NA		NA
Copper	18.7			NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	26900			NA		NA		NA		NA		NA
Lead	1.3	U		NA		NA		NA		NA		NA
Magnesium	60700			NA		NA		NA		NA		NA
Manganese	619			NA		NA		NA		NA		NA
Mercury	0.10	U		NA		NA		NA		NA		NA
Nickel	50.0			NA		NA		NA		NA		NA
Potassium	11600	J		NA		NA		NA		NA		NA
Selenium	4.3	UJ		NA		NA		NA		NA		NA
Silver	0.80	U		NA		NA		NA		NA		NA
Sodium	167000			NA		NA		NA		NA		NA
Thallium	3.8	U		NA		NA		NA		NA		NA
Vanadium	0.70	U		NA		NA		NA		NA		NA
Zinc	240			NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	170			NA		NA		NA		NA		NA
Carbon Dioxide	235			NA		NA		NA		NA		NA
Chloride	147			NA		NA		NA		NA		NA
Ferrous Iron	7.2			NA		NA		NA		NA		NA
Nitrate	0.050	UJ		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N	0.050	UJ		NA		NA		NA		NA		NA
Sulfate	433			NA		NA		NA		NA		NA
Sulfide	0.50	U		NA		NA		NA		NA		NA
Total Organic Carbon	14.7			NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA	12000		3900	*	410	
1,1,2,2-Tetrachloroethane		NA		NA	710	U	10	U	170	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	7	J		NA
1,1,2-Trichloroethane		NA		NA	710	U	10	U	170	U
1,1-Dichloroethane		NA		NA	610	J	230		170	U
1,1-Dichloroethene		NA		NA	3300		2300	*	94	J
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U		NA
1,2-Dibromoethane		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dichloroethane		NA		NA	710	U	23		170	U
1,2-Dichloroethene (total)		NA		NA	710	U		NA	100	J
1,2-Dichloropropane		NA		NA	710	U	10	U	170	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone		NA		NA	710	U	10	U	170	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone		NA		NA	710	U	10	UJ	170	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		R	10	UJ		R
Acetone		NA		NA	710	U	10	U	170	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene		NA		NA	710	U	10	U	46	J
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA	710	U	10	U	170	U
Bromoform		NA		NA	710	UJ	10	U	170	U
Bromomethane		NA		NA	710	U	10	U	170	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Carbon Disulfide		NA		NA	710	U	10	U	170	UJ
Carbon Tetrachloride		NA		NA	710	U	10	U	170	U
Chlorobenzene		NA		NA	710	U	5	J	64	J
Chloroethane		NA		NA	710	U	10	U	170	U
Chloroform		NA		NA	710	U	7	J	170	U
Chloromethane		NA		NA	710	U	10	U	170	UJ
cis-1,2-Dichloroethene		NA		NA		NA	26			NA
cis-1,3-Dichloropropene		NA		NA	710	U	10	U	170	U
Cyclohexane		NA		NA		NA	10	U		NA
Dibromochloromethane		NA		NA	710	U	10	U	170	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	U		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA	710	U	10	U	170	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether		NA		NA		NA	10	UJ		NA
Methylcyclohexane		NA		NA		NA	10	U		NA
Methylene Chloride		NA		NA	710	U	26		370	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene		NA		NA	710	U	10	U	170	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA	88	J	51		170	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene		NA		NA	710	U	10	U	77	J
Total Xylenes		NA		NA	710	U	10	U	150	J
trans-1,2-Dichloroethene		NA		NA		NA	10	U		NA
trans-1,3-Dichloropropene		NA		NA	710	U	10	U	170	U
Trichloroethene		NA		NA	560	J	500	*	2400	
Trichlorofluoromethane		NA		NA		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA	710	U	5		170	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Ethane		NA		NA		NA	10.0	U		NA
Ethene		NA		NA		NA	10.0	U		NA
Methane		NA		NA		NA	27.0			NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	1	U	1	U		NA		NA		NA
1,1-Dichloroethane	1.1		1	U		NA		NA		NA
1,1-Dichloroethene	1	U	1	U		NA		NA		NA
1,2-Dichloroethane	1	U	1	U		NA		NA		NA
Benzene	1.9		1.8			NA		NA		NA
Chlorobenzene	1	U	1	U		NA		NA		NA
cis-1,2-Dichloroethene	3.3		1	U		NA		NA		NA
Ethylbenzene	1	U	1	U		NA		NA		NA
m&p-Xylene	2.9		4			NA		NA		NA
o-Xylene	1	U	1	U		NA		NA		NA
Tetrachloroethene	1	U	1	U		NA		NA		NA
Toluene	3		1.5			NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U		NA		NA		NA
Trichloroethene	1	U	1	U		NA		NA		NA
Vinyl Chloride	1	U	1	U		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA	10	U	10	U	10	U
2,4,5-Trichlorophenol		NA		NA	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dimethylphenol		NA		NA	10	U	10	U	10	U
2,4-Dinitrophenol		NA		NA	25	U	25	UJ	95	J
2,4-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2,6-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2-Chloronaphthalene		NA		NA	10	U	10	U	10	U
2-Chlorophenol		NA		NA	10	U	10	U	10	U
2-Methylnaphthalene		NA		NA	10	U	10	U	10	U
2-Methylphenol		NA		NA	10	U	10	U	10	U
2-Nitroaniline		NA		NA	25	U	25	U	25	U
2-Nitrophenol		NA		NA	10	U	10	U	120	*
3,3'-Dichlorobenzidine		NA		NA	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
3-Nitroaniline		NA		NA	25	UJ	25	U	25	UJ
4,6-Dinitro-2-methylphenol		NA		NA	25	U	25	U	25	U
4-Bromophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA		NA	10	U	10	U	10	U
4-Chloroaniline		NA		NA	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Methylphenol		NA		NA	10	U	10	U	10	U
4-Nitroaniline		NA		NA	25	UJ	25	U	25	U
4-Nitrophenol		NA		NA	5	J	11	J	3300	*
Acenaphthene		NA		NA	10	U	10	U	10	U
Acenaphthylene		NA		NA	10	U	10	U	10	U
Acetophenone		NA		NA		NA	10	U		NA
Anthracene		NA		NA	10	U	10	U	10	U
Atrazine		NA		NA		NA	10	UJ		NA
Benzaldehyde		NA		NA		NA	10	U		NA
Benzo(a)anthracene		NA		NA	10	U	10	U	10	U
Benzo(a)pyrene		NA		NA	10	U	10	U	10	U
Benzo(b)fluoranthene		NA		NA	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA		NA	10	U	10	U	10	U
Benzo(k)fluoranthene		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA	10	U	10	U	10	U
Butylbenzylphthalate		NA		NA	10	U	10	U	10	U
Caprolactam		NA		NA		NA	10	U		NA
Carbazole		NA		NA	10	U	10	U	10	UJ
Chrysene		NA		NA	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA	10	U	10	U	10	U
Dibenzofuran		NA		NA	10	U	10	U	10	U
Diethylphthalate		NA		NA	0.7	J	10	U	10	U
Dimethylphthalate		NA		NA	10	U	10	U	10	U
Di-n-Butylphthalate		NA		NA	10	U	10	U	10	U
Di-n-octylphthalate		NA		NA	10	U	10	U	10	U
Fluoranthene		NA		NA	10	U	10	U	10	U
Fluorene		NA		NA	10	U	10	U	10	U
Hexachlorobenzene		NA		NA	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA	10	UJ	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		R	10	U		R
Hexachloroethane		NA		NA	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Isophorone		NA		NA	10	U	10	U	10	U
Naphthalene		NA		NA	10	U	10	U	2	J
Nitrobenzene		NA		NA	10	U	10	U	1	J
N-Nitroso-di-n-propylamine		NA		NA	10	U	10	U	10	U
N-Nitroso-diphenylamine		NA		NA	10	UJ	10	U	10	U
Pentachlorophenol		NA		NA	25	U	25	UJ	25	UJ
Phenanthrene		NA		NA	10	U	10	U	10	U
Phenol		NA		NA	10	U	10	U	10	U
Pyrene		NA		NA	10	U	10	U	10	U
Total PAH		NA		NA	10	U		NA	2	
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA	0.20	UJ		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA
Chrysene		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA
Phenanthrene		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA	0.10	UJ	0.10	U	0.10	U
4,4'-DDE		NA		NA	0.10	UJ	0.10	U	0.10	U
4,4'-DDT		NA		NA	0.10	UJ	0.10	U	0.10	U
Aldrin		NA		NA	0.050	UJ	0.050	U	0.050	U
alpha-BHC		NA		NA	0.050	UJ	0.050	UJ	0.050	U
alpha-Chlordane		NA		NA	0.050	UJ	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA	1.1	U
Aroclor-1016		NA		NA	1.0	UJ	1.0	U	1.0	U
Aroclor-1221		NA		NA	2.0	UJ	0.25	U	2.0	U
Aroclor-1232		NA		NA	1.0	UJ	1.0	U	1.0	U
Aroclor-1242		NA		NA	1.0	UJ	1.0	U	1.0	U
Aroclor-1248		NA		NA	1.0	UJ	1.0	U	1.0	U
Aroclor-1254		NA		NA	1.0	UJ	0.25	U	1.0	U
Aroclor-1260		NA		NA	1.0	UJ	0.25	U	1.0	U
Aroclor-1262		NA		NA	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268		NA		NA	1.0	UJ	1.0	U	1.0	U
beta-BHC		NA		NA	0.050	UJ	0.050	U	0.050	U
delta-BHC		NA		NA	0.050	UJ	0.050	U	0.050	U
Dieldrin		NA		NA	0.10	UJ	0.050	U	0.10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Endosulfan I		NA		NA	0.050	UJ	0.050	U	0.050	U
Endosulfan II		NA		NA	0.10	UJ	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA	0.10	UJ	0.10	U	0.10	U
Endrin		NA		NA	0.10	UJ	0.050	U	0.10	U
Endrin Aldehyde		NA		NA	0.10	UJ	0.10	U	0.10	U
Endrin Ketone		NA		NA	0.10	UJ	0.10	U	0.10	U
gamma-BHC		NA		NA	0.050	UJ	0.050	UJ	0.050	U
gamma-Chlordane		NA		NA	0.050	UJ	0.050	U	0.050	U
Heptachlor		NA		NA	0.050	UJ	0.020	U	0.050	U
Heptachlor Epoxide		NA		NA	0.050	UJ	0.020	U	0.050	U
Methoxychlor		NA		NA	0.50	UJ	0.50	U	0.50	U
Toxaphene		NA		NA	5.0	UJ	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	3.7	U		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	1.7	U		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	2.1	U		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	2.1	U		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	1.1	U		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	2.1	U		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	1.1	U		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	2.1	U		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	1.4	U		NA
1,2,3,7,8-PeCDD		NA		NA		NA	2.5	U		NA
1,2,3,7,8-PeCDF		NA		NA		NA	1.5	U		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	1.3	U		NA
2,3,4,7,8-PeCDF		NA		NA		NA	1.5	U		NA
2,3,7,8-TCDD		NA		NA		NA	2.4	U		NA
2,3,7,8-TCDF		NA		NA		NA	1.8	U		NA
OCDD		NA		NA		NA	6.2	U		NA
OCDF		NA		NA		NA	4.5	U		NA
Total HpCDD		NA		NA		NA	3.7	UJ		NA
Total HpCDF		NA		NA		NA	1.9	UJ		NA
Total HxCDD		NA		NA		NA	3.3	UEMPC		NA
Total HxCDF		NA		NA		NA	1.2	UJ		NA
Total PeCDD		NA		NA		NA	2.5	UJ		NA
Total PeCDF		NA		NA		NA	1.5	UJ		NA
Total TCDD		NA		NA		NA	2.4	UJ		NA
Total TCDF		NA		NA		NA	1.8	UJ		NA
Toxicity Equivalency		NA		NA		NA	0.00	U		NA
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-6-2025		OU2-DP1-6A-2530-AVG		OU1-PC-16B-01		OU1-MW-PC16B-07		OU1-PC-16D-01	
Sample Location	DP1-6		DP1-6A		MW-PC16B		MW-PC16B		MW-PC16D	
Date Sampled	8/5/1997		8/6/1997		11/20/1997		1/31/2003		11/21/1997	
Interval	20.0-25.0		25.0-30.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. (D5s)		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Aluminum		NA		NA	1570		663		286	U
Antimony		NA		NA	50.0	U	3.5	U	50.0	U
Arsenic		NA		NA	1.2		2.3	U	1.0	U
Barium		NA		NA	56.4		58.0	U	127	
Beryllium		NA		NA	1.0	U	0.63	U	1.0	U
Cadmium		NA		NA	2.0	U	0.50	UJ	2.8	UJ
Calcium		NA		NA	151000		113000		209000	
Chromium		NA		NA	142		11.8		35.8	
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA		NA	6.2		6.0		33.3	
Copper		NA		NA	13.6	U	7.6	U	5.8	U
Cyanide		NA		NA		NA	6.9	UJ		NA
Iron		NA		NA	3460		1350		1420	
Lead		NA		NA	2.9	UJ	1.5	U	3.3	UJ
Magnesium		NA		NA	35400		29700		98300	
Manganese		NA		NA	420		403		2710	
Mercury		NA		NA	0.10	U	0.10	U	0.10	U
Nickel		NA		NA	106		147		60.3	U
Potassium		NA		NA	8660		6630	J	11700	
Selenium		NA		NA	1.0	UJ	2.1	U	1.0	UJ
Silver		NA		NA	3.0	U	0.80	UJ	3.0	U
Sodium		NA		NA	100000		110000	J	209000	
Thallium		NA		NA	1.0	U	4.0	U	1.0	U
Vanadium		NA		NA	4.4	UJ	1.5	UJ	3.0	U
Zinc		NA		NA	1020		26.1	U	672	
Wet Chemistry Analysis										
Alkalinity		NA		NA	152	J	100		186	J
Carbon Dioxide		NA		NA		NA	113			NA
Chloride		NA		NA	254		242		244	
Ferrous Iron		NA		NA		NA	0.39			NA
Nitrate		NA		NA		NA	0.455			NA
Nitrate-Nitrite (as N)		NA		NA	0.37			NA	225	
Nitrite-N		NA		NA		NA	0.075			NA
Sulfate		NA		NA	250	J	199		254	J
Sulfide		NA		NA		NA	0.50	U		NA
Total Organic Carbon		NA		NA		NA	5.4			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	370		370	J		NA	200	*	430	*
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U		NA	10	U	10	U
1,1-Dichloroethane	16		16			NA	22		22	
1,1-Dichloroethene	150		150			NA	71	J	180	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ	10	UJ		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U		NA	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA	2	J		NA
1,2-Dichloropropane	10	U	10	U		NA	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA	10	U
1,4-Dioxane		NA	50	J		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U		NA	10	UJ	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	UJ	10	UJ		NA	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	UJ	10	UJ		NA		R	10	UJ
Acetone	10	U	10	U		NA	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	20		20			NA	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U		NA	3	J	1	J
Bromoform	10	U	10	U		NA	10	U	10	U
Bromomethane	10	U	10	U		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U		NA	10	UJ	10	U
Carbon Tetrachloride	10	U	10	U		NA	10	U	10	U
Chlorobenzene	42		42			NA	3	J	4	J
Chloroethane	10	U	10	U		NA	10	U	10	U
Chloroform	8		8	J		NA	18	U	8	J
Chloromethane	10	U	10	U		NA	10	UJ	10	U
cis-1,2-Dichloroethene	110		110			NA		NA	2	J
cis-1,3-Dichloropropene	10	U	10	U		NA	10	U	10	U
Cyclohexane	10	U	10	U		NA		NA	10	U
Dibromochloromethane	10	U	10	U		NA	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	U		NA		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U		NA		NA	10	U
Methyl tert-Butyl Ether	10	UJ	10	UJ		NA		NA	10	UJ
Methylcyclohexane	10	U	10	U		NA		NA	10	U
Methylene Chloride	140		140			NA	590	*	39	
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U		NA	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	6		6	J		NA	2	J	4	J
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U		NA	3	J	10	U
Total Xylenes	25		25			NA	10	U	10	U
trans-1,2-Dichloroethene	10	U	10	U		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U		NA	10	U	10	U
Trichloroethene	1600		1600	*		NA	59		73	
Trichlorofluoromethane	10	U	10	U		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	36		36			NA	10	U	0.9	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane	10.0	U	10.0	U		NA		NA	10.0	U
Ethene	10.0	U	10.0	U		NA		NA	10.0	U
Methane	610		610			NA		NA	70.0	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U	10	U		NA		NA	10	UJ
1,2,4-Trichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA	10	U	10	UJ
2,4,5-Trichlorophenol	25	UJ	25	UJ		NA	25	U	25	UJ
2,4,6-Trichlorophenol	10	UJ	10	UJ		NA	10	U	10	UJ
2,4-Dichlorophenol	10	UJ	10	UJ		NA	10	U	10	UJ
2,4-Dimethylphenol	10	UJ	10	UJ		NA	10	U	10	UJ
2,4-Dinitrophenol	19		19	J		NA	25	U	2	J
2,4-Dinitrotoluene	10	U	10	U		NA	10	U	10	UJ
2,6-Dinitrotoluene	10	U	10	U		NA	10	U	10	UJ
2-Chloronaphthalene	10	U	10	U		NA	10	U	10	UJ
2-Chlorophenol	10	UJ	10	UJ		NA	10	U	10	UJ
2-Methylnaphthalene	10	U	10	U		NA	10	U	10	UJ
2-Methylphenol	10	UJ	10	UJ		NA	10	U	10	UJ
2-Nitroaniline	25	U	25	U		NA	25	U	25	UJ
2-Nitrophenol	29		29	J		NA	2	J	10	UJ
3,3'-Dichlorobenzidine	10	U	10	U		NA	10	UJ	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U		NA	25	U	25	UJ
4,6-Dinitro-2-methylphenol	1		1	J		NA	1	J	1	J
4-Bromophenyl-phenylether	10	U	10	U		NA	10	U	10	UJ
4-Chloro-3-methylphenol	10	UJ	10	UJ		NA	10	U	10	UJ
4-Chloroaniline	10	UJ	10	UJ		NA	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA	10	U	10	UJ
4-Methylphenol	10	UJ	10	UJ		NA	10	U	10	UJ
4-Nitroaniline	25	U	25	U		NA	25	U	25	UJ
4-Nitrophenol	670		670	J*		NA	19	J	33	J
Acenaphthene	10	U	10	U		NA	10	U	10	UJ
Acenaphthylene	10	U	10	U		NA	10	U	10	UJ
Acetophenone	10	U	10	U		NA		NA	10	UJ
Anthracene	10	U	10	U		NA	10	U	10	UJ
Atrazine	10	UJ	10	UJ		NA		NA	10	UJ
Benzaldehyde	10	U	10	U		NA		NA	10	UJ
Benzo(a)anthracene	10	U	10	U		NA	10	U	10	UJ
Benzo(a)pyrene	10	U	10	U		NA	10	U	10	UJ
Benzo(b)fluoranthene	10	U	10	U		NA	10	U	10	UJ
Benzo(g,h,i)perylene	10	U	10	U		NA	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U		NA	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U		NA	10	U	10	UJ
Bis(2-Chloroethyl)ether	10	U	10	U		NA	10	U	10	UJ
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA	10	U	10	UJ
Butylbenzylphthalate	10	U	10	U		NA	10	U	10	UJ
Caprolactam	10	U	10	U		NA		NA	10	UJ
Carbazole	10	U	10	U		NA	10	UJ	10	UJ
Chrysene	10	U	10	U		NA	10	U	10	UJ
Dibenzo(a,h)anthracene	10	U	10	U		NA	10	U	10	UJ
Dibenzofuran	10	U	10	U		NA	10	U	10	UJ
Diethylphthalate	10	U	10	U		NA	10	U	10	UJ
Dimethylphthalate	10	U	10	U		NA	10	U	10	UJ
Di-n-Butylphthalate	10	U	10	U		NA	10	U	10	UJ
Di-n-octylphthalate	10	U	10	U		NA	10	U	10	UJ
Fluoranthene	10	U	10	U		NA	10	U	10	UJ
Fluorene	10	U	10	U		NA	10	U	10	UJ
Hexachlorobenzene	10	U	10	U		NA	10	U	10	UJ
Hexachlorobutadiene	10	U	10	U		NA	10	U	10	UJ
Hexachlorocyclopentadiene	10	U	10	U		NA		R	10	UJ
Hexachloroethane	10	U	10	U		NA	10	U	10	UJ
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U		NA	10	U	10	UJ
Naphthalene	1		1	J		NA	10	U	10	UJ
Nitrobenzene	10	U	10	U		NA	10	U	10	UJ
N-Nitroso-di-n-propylamine	10	U	10	U		NA	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U		NA	10	U	10	UJ
Pentachlorophenol	25	UJ	25	UJ		NA	25	UJ	25	UJ
Phenanthrene	10	U	10	U		NA	10	U	10	UJ
Phenol	10	UJ	10	UJ		NA	10	U	10	UJ
Pyrene	10	U	10	U		NA	10	U	10	UJ
Total PAH		NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U	0.20	U		NA		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA	0.20	U
Benzo(a)pyrene	0.20	UJ	0.20	UJ		NA		NA	0.20	UJ
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA		NA	0.20	
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
Aldrin	0.050	U	0.050	U		NA	0.050	UJ	0.050	U
alpha-BHC	0.23		0.23	J		NA	0.050	UJ	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U		NA	0.050	UJ	0.050	U
Aroclor, Total		NA		NA		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U		NA	1.0	UJ	1.0	U
Aroclor-1221	0.25	U	0.25	U		NA	2.0	UJ	0.25	U
Aroclor-1232	1.0	U	1.0	U		NA	1.0	UJ	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA	1.0	UJ	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA	1.0	UJ	1.0	U
Aroclor-1254	0.25	U	0.25	U		NA	1.0	UJ	0.25	U
Aroclor-1260	0.25	U	0.25	U		NA	1.0	UJ	0.25	U
Aroclor-1262	0.28	U	0.28	U		NA	1.0	UJ	0.28	U
Aroclor-1268	1.0	U	1.0	U		NA	1.0	UJ	1.0	U
beta-BHC	0.060		0.060	J		NA	0.050	UJ	0.050	U
delta-BHC	0.050	U	0.050	U		NA	0.050	UJ	0.050	U
Dieldrin	0.050	U	0.050	U		NA	0.10	UJ	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U		NA	0.050	UJ	0.050	U
Endosulfan II	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
Endrin	0.050	U	0.050	U		NA	0.10	UJ	0.050	U
Endrin Aldehyde	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
gamma-BHC	0.050	UJ	0.050	UJ		NA	0.050	UJ	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U		NA	0.050	UJ	0.050	U
Heptachlor	0.020	U	0.020	U		NA	0.050	UJ	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U		NA	0.050	UJ	0.020	U
Methoxychlor	0.50	U	0.50	U		NA	0.50	UJ	0.50	U
Toxaphene	5.0	U	5.0	U		NA	5.0	UJ	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	6.1	UJ	6.1	UJ		NA		NA	2.4	U
1,2,3,4,6,7,8-HpCDF	5.2	UJ	5.2	UJ		NA		NA	1.2	U
1,2,3,4,7,8,9-HpCDF	4.5	UJ	4.5	UJ		NA		NA	1.6	U
1,2,3,4,7,8-HxCDD	4.4	UEMPC	4.4	UEMPC		NA		NA	1.3	U
1,2,3,4,7,8-HxCDF	7.0	UEMPC	7.0	UEMPC		NA		NA	1.6	U
1,2,3,6,7,8-HxCDD	4.9	UJ	4.9	UJ		NA		NA	1.2	U
1,2,3,6,7,8-HxCDF	7.3		7.3	J		NA		NA	0.80	U
1,2,3,7,8,9-HxCDD	6.8	UJ	6.8	UJ		NA		NA	1.2	UEMPC
1,2,3,7,8,9-HxCDF	8.1	UEMPC	8.1	UEMPC		NA		NA	1.0	U
1,2,3,7,8-PeCDD	8.0		8.0	J		NA		NA	1.0	U
1,2,3,7,8-PeCDF	7.7	UJ	7.7	UJ		NA		NA	0.50	U
2,3,4,6,7,8-HxCDF	6.4	UJ	6.4	UJ		NA		NA	0.80	U
2,3,4,7,8-PeCDF	5.0	UEMPC	5.0	UEMPC		NA		NA	0.60	U
2,3,7,8-TCDD	2.2	UJ	2.2	UJ		NA		NA	0.90	U
2,3,7,8-TCDF	1.7	UJ	1.7	UJ		NA		NA	0.70	U
OCDD	9.9	UJ	9.9	UJ		NA		NA	4.9	EMPC
OCDF	8.9		8.9	J		NA		NA	2.5	U
Total HpCDD	6.1	UJ	6.1	UJ		NA		NA	2.4	UJ
Total HpCDF	9.7	UJ	9.7	UJ		NA		NA	1.4	UJ
Total HxCDD	16.2	UEMPC	16.2	UEMPC		NA		NA	5.0	UEMPC
Total HxCDF	28.8	UEMPC	28.8	UEMPC		NA		NA	1.6	UJ
Total PeCDD	8.0	UJ	8.0	UJ		NA		NA	1.0	UJ
Total PeCDF	12.8	UEMPC	12.8	UEMPC		NA		NA	0.60	UJ
Total TCDD	2.2	UJ	2.2	UJ		NA		NA	1.3	UEMPC
Total TCDF	1.7	UJ	1.7	UJ		NA		NA	3.0	UEMPC
Toxicity Equivalency	8.7		8.7	J		NA		NA	0.00049	J
TAL Metal Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-MW-PC16D-07-AVG		OU1-MW-PC16D-07		OU1-MW-DUP26-07		OU1-PC-16M-01		OU1-MW-PC16M-07	
Sample Location	MW-PC16D		MW-PC16D		MW-PC16D		MW-PC16M		MW-PC16M	
Date Sampled	1/31/2003		1/31/2003		1/31/2003		11/20/1997		1/31/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		Field Dup. OU1-MW-PC16D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	72.5	U	72.5	U		NA	470		258	U
Antimony	3.5	U	3.5	U		NA	50.0	U	3.5	U
Arsenic	2.3	U	2.3	U		NA	1.0	U	2.3	U
Barium	49.8	U	49.8	U		NA	21.2	U	19.5	U
Beryllium	0.52	U	0.52	U		NA	1.0	U	0.59	U
Cadmium	0.91	UJ	0.91	UJ		NA	2140		387	
Calcium	107000		107000			NA	60600		99500	
Chromium	0.76		0.76	J		NA	5.0	U	5.2	
Chromium VI		NA		NA		NA		NA		NA
Cobalt	23.9		23.9			NA	605		195	
Copper	2.2	U	2.2	U		NA	107		81.1	
Cyanide	4.7	UJ	4.7	UJ	7.6	UJ		NA	4.4	UJ
Iron	19.5	U	19.5	U		NA	968		19.5	U
Lead	1.5	U	1.5	U		NA	1.0	UJ	1.5	UJ
Magnesium	51200		51200			NA	20900		43300	
Manganese	1500		1500			NA	17400		18200	
Mercury	0.10	U	0.10	U		NA	0.10	UJ	0.10	U
Nickel	5.9		5.9			NA	71500		17900	
Potassium	9160		9160	J		NA	25800		51300	J
Selenium	2.1	U	2.1	U		NA	1.0	UJ	3.0	UJ
Silver	0.80	UJ	0.80	UJ		NA	3.0	U	0.80	UJ
Sodium	174000		174000	J		NA	355000		231000	J
Thallium	4.0	U	4.0	U		NA	5.0	U	27.0	U
Vanadium	1.2	UJ	1.2	UJ		NA	3.0	U	0.80	U
Zinc	21.1	U	21.1	U		NA	44800		10800	
Wet Chemistry Analysis										
Alkalinity	170		170			NA	19.5	J	34.0	
Carbon Dioxide	257		257			NA		NA	166	
Chloride	135		135			NA	424		129	
Ferrous Iron	0.030	U	0.030	U		NA		NA	0.030	U
Nitrate	55.1		55.1			NA		NA	16.3	
Nitrate-Nitrite (as N)		NA		NA		NA	5.13			NA
Nitrite-N	1.8		1.84			NA		NA	0.47	
Sulfate	219		219			NA	695	J	709	
Sulfide	0.50	U	0.50	U		NA		NA	0.50	U
Total Organic Carbon	8.7		8.68			NA		NA	9.08	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA	1	U	10	U	50	U
1,1,1-Trichloroethane	4	J	2	J		NA	23		150		270	
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	1	U	10	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	1	U	10	U	50	U
1,1,2-Trichloroethane	10	U	10	U		NA	1	U	10	U	50	U
1,1-Dichloroethane	3	J	10	U		NA	3.3		50		350	
1,1-Dichloroethene	10	UJ	0.9	U		NA	10		89		270	
1,1-Dichloropropene		NA		NA		NA	1	U	10	U	50	U
1,2,3-Trichlorobenzene		NA		NA		NA	1	U	10	U	50	U
1,2,3-Trichloropropane		NA		NA		NA	1	U	10	U	50	U
1,2,4-Trichlorobenzene		NA	10	UJ		NA	1	U	10	U	50	U
1,2,4-Trimethylbenzene		NA		NA		NA	1	U	10	U	50	U
1,2-Dibromo-3-chloropropane		NA	10	U		NA	1	U	10	U	50	U
1,2-Dibromoethane		NA	10	U		NA	1	U	10	U	50	U
1,2-Dichlorobenzene		NA	10	U		NA	1	U	10	U	50	U
1,2-Dichloroethane	10	U	10	U		NA	1	U	10	U	50	U
1,2-Dichloroethene (total)	10	U		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U		NA	1	U	10	U	50	U
1,3,5-Trimethylbenzene		NA		NA		NA	1	U	10	U	50	U
1,3-Dichlorobenzene		NA	10	U		NA	1	U	10	U	50	U
1,3-Dichloropropane		NA		NA		NA	1	U	10	U	50	U
1,4-Dichlorobenzene		NA	10	U		NA	1	U	10	U	50	U
1,4-Dioxane		NA	100	UJ		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	1	U	10	U	50	U
2-Butanone	10	UJ	10	U		NA	4	U	40	U	200	U
2-Chloroethylvinylether		NA		NA		NA	3	U	30	U	150	U
2-Chlorotoluene		NA		NA		NA	1	U	10	U	50	U
2-Hexanone	10	UJ	10	UJ		NA	0.6	U	6	U	30	U
4-Chlorotoluene		NA		NA		NA	1	U	10	U	50	U
4-Methyl-2-Pentanone		R	10	UJ		NA	0.5	U	5	U	25	U
Acetone	10	U	10	U		NA	3.8	JB	20	U	100	U
Acrolein		NA		NA		NA	10	U	100	U	500	U
Acrylonitrile		NA		NA		NA	5	U	50	U	250	U
Benzene	10	U	10	U		NA	1	U	10	U	50	U
Bromobenzene		NA		NA		NA	1	U	10	U	50	U
Bromochloromethane		NA		NA		NA	1	U	10	U	50	U
Bromodichloromethane	10	U	10	U		NA	1	U	10	U	50	U
Bromoform	10	U	10	U		NA	1	U	10	U	50	U
Bromomethane	10	U	10	U		NA	1	U	5.9	BL	50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	UJ	10	U		NA	3	U	30	U	150	U
Carbon Tetrachloride	10	U	10	U		NA	1	U	10	U	50	U
Chlorobenzene	46		10	U		NA	1	U	10	U	50	U
Chloroethane	42		10	U		NA	1	U	10	U	50	U
Chloroform	10	U	10	U		NA	1	U	10	U	50	U
Chloromethane	10	UJ	10	U		NA	1	U	10	U	50	U
cis-1,2-Dichloroethene		NA	10	U		NA	5.7		76		560	
cis-1,3-Dichloropropene	10	U	10	U		NA	1	U	10	U	50	U
Cyclohexane		NA	10	U		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U		NA	1	U	10	U	50	U
Dibromomethane		NA		NA		NA	1	U	10	U	50	U
Dichlorodifluoromethane		NA	10	U		NA	1	U	10	U	50	U
Ethyl Ether		NA		NA		NA	3	U	30	U	150	U
Ethylbenzene	10	U	10	U		NA	1	U	10	U	50	U
Hexachlorobutadiene		NA		NA		NA	1	U	10	U	50	U
Isopropylbenzene		NA	10	U		NA	1	U	10	U	50	U
m&p-Xylene		NA		NA		NA	2	U	20	U	100	U
Methyl Acetate		NA	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	UJ		NA	1	U	7.2	L	50	U
Methylcyclohexane		NA	10	U		NA		NA		NA		NA
Methylene Chloride	10	U	10	U		NA	1	U	10	U	50	U
Naphthalene		NA		NA		NA	1	U	10	U	50	U
n-Butylbenzene		NA		NA		NA	1	U	10	U	50	U
n-Propylbenzene		NA		NA		NA	1	U	10	U	50	U
o-Xylene		NA		NA		NA	1	U	10	U	50	U
p-Isopropyltoluene		NA		NA		NA	1	U	10	U	50	U
sec-Butylbenzene		NA		NA		NA	1	U	10	U	50	U
Styrene	10	U	10	U		NA	1	U	10	U	50	U
tert-Butylbenzene		NA		NA		NA	1	U	10	U	50	U
Tetrachloroethene	10	U	10	U		NA	1	U	10	U	50	U
Tetrahydrofuran		NA		NA		NA	7	U	70	U	350	U
Toluene	10	UJ	10	U		NA	0.78	L	10	U	50	U
Total Xylenes	10	U	10	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA	10	U		NA	1	U	10	U	50	U
trans-1,3-Dichloropropene	10	U	10	U		NA	1	U	10	U	50	U
Trichloroethene	6	J	10	U		NA	12		120		960	
Trichlorofluoromethane		NA	10	U		NA	1	U	10	U	50	U
Vinyl Acetate		NA		NA		NA	6	U	60	U	300	U
Vinyl Chloride	10	U	1	U		NA	1	U	10	U	50	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA	10.0	U		NA		NA		NA		NA
Ethene		NA	10.0	U		NA		NA		NA		NA
Methane		NA	5.0	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	10	U		NA		NA		NA
1,1-Dichloroethane		NA		NA	43			NA		NA		NA
1,1-Dichloroethene		NA		NA	12			NA		NA		NA
1,2-Dichloroethane		NA		NA	10	U		NA		NA		NA
Benzene		NA		NA	10	U		NA		NA		NA
Chlorobenzene		NA		NA	13			NA		NA		NA
cis-1,2-Dichloroethene		NA		NA	140			NA		NA		NA
Ethylbenzene		NA		NA	10	U		NA		NA		NA
m&p-Xylene		NA		NA	10	U		NA		NA		NA
o-Xylene		NA		NA	10	U		NA		NA		NA
Tetrachloroethene		NA		NA	10	U		NA		NA		NA
Toluene		NA		NA	10	U		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA		NA
Trichloroethene		NA		NA	53			NA		NA		NA
Vinyl Chloride		NA		NA	64			NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	UJ		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U	25	U		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U	10	U		NA		NA		NA		NA
2,4-Dichlorophenol	10	U	10	U		NA		NA		NA		NA
2,4-Dimethylphenol	10	U	10	U		NA		NA		NA		NA
2,4-Dinitrophenol	25	U	25	UJ		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U	10	U		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U	10	U		NA		NA		NA		NA
2-Chloronaphthalene	10	U	10	U		NA		NA		NA		NA
2-Chlorophenol	10	U	10	U		NA		NA		NA		NA
2-Methylnaphthalene	10	U	10	U		NA		NA		NA		NA
2-Methylphenol	10	U	10	U		NA		NA		NA		NA
2-Nitroaniline	25	U	25	U		NA		NA		NA		NA
2-Nitrophenol	10	U	10	U		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline	25	U	25	U		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U	10	U		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U	10	U		NA		NA		NA		NA
4-Chloroaniline	10	U	10	UJ		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA		NA		NA
4-Methylphenol	10	U	10	U		NA		NA		NA		NA
4-Nitroaniline	25	U	25	U		NA		NA		NA		NA
4-Nitrophenol	25	UJ	25	U		NA		NA		NA		NA
Acenaphthene	10	UJ	10	U		NA		NA		NA		NA
Acenaphthylene	10	U	10	U		NA		NA		NA		NA
Acetophenone		NA	10	U		NA		NA		NA		NA
Anthracene	10	U	10	U		NA		NA		NA		NA
Atrazine		NA	10	UJ		NA		NA		NA		NA
Benzaldehyde		NA	10	U		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U		NA		NA		NA		NA
Benzo(a)pyrene	10	U	10	U		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U	10	U		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	U	10	U		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA		NA		NA
Butylbenzylphthalate	10	U	10	U		NA		NA		NA		NA
Caprolactam		NA	10	U		NA		NA		NA		NA
Carbazole	10	U	10	U		NA		NA		NA		NA
Chrysene	10	U	10	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA		NA		NA
Dibenzofuran	10	U	10	U		NA		NA		NA		NA
Diethylphthalate	10	U	10	U		NA		NA		NA		NA
Dimethylphthalate	10	U	10	U		NA		NA		NA		NA
Di-n-Butylphthalate	10	U	10	U		NA		NA		NA		NA
Di-n-octylphthalate	10	U	10	U		NA		NA		NA		NA
Fluoranthene	10	U	10	U		NA		NA		NA		NA
Fluorene	10	U	10	U		NA		NA		NA		NA
Hexachlorobenzene	10	U	10	U		NA		NA		NA		NA
Hexachlorobutadiene	10	U	10	U		NA		NA		NA		NA
Hexachlorocyclopentadiene		R	10	U		NA		NA		NA		NA
Hexachloroethane	10	U	10	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone	10	U	10	U		NA		NA		NA		NA
Naphthalene	10	U	10	U		NA		NA		NA		NA
Nitrobenzene	10	U	10	U		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	UJ	10	U		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U	10	U		NA		NA		NA		NA
Pentachlorophenol	25	U	25	UJ		NA		NA		NA		NA
Phenanthrene	10	U	10	U		NA		NA		NA		NA
Phenol	10	U	10	U		NA		NA		NA		NA
Pyrene	10	U	10	U		NA		NA		NA		NA
Total PAH	10	U		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene		NA	0.20	UJ		NA		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U		NA		NA		NA		NA
4,4'-DDE	0.10	U	0.10	U		NA		NA		NA		NA
4,4'-DDT	0.10	U	0.10	U		NA		NA		NA		NA
Aldrin	0.050	U	0.050	U		NA		NA		NA		NA
alpha-BHC	0.050	U	0.050	UJ		NA		NA		NA		NA
alpha-Chlordane	0.050	U	0.050	U		NA		NA		NA		NA
Aroclor, Total	1.1	U		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA		NA		NA		NA
Aroclor-1221	2.0	U	0.25	U		NA		NA		NA		NA
Aroclor-1232	1.0	U	1.0	U		NA		NA		NA		NA
Aroclor-1242	1.0	U	1.0	U		NA		NA		NA		NA
Aroclor-1248	1.0	U	1.0	U		NA		NA		NA		NA
Aroclor-1254	1.0	U	0.25	U		NA		NA		NA		NA
Aroclor-1260	1.0	U	0.25	U		NA		NA		NA		NA
Aroclor-1262	1.0	UJ	0.28	U		NA		NA		NA		NA
Aroclor-1268	1.0	U	1.0	U		NA		NA		NA		NA
beta-BHC	0.050	U	0.050	U		NA		NA		NA		NA
delta-BHC	0.050	U	0.050	U		NA		NA		NA		NA
Dieldrin	0.10	U	0.050	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I	0.050	U	0.050	U		NA		NA		NA		NA
Endosulfan II	0.10	U	0.10	U		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA		NA		NA
Endrin	0.10	U	0.050	U		NA		NA		NA		NA
Endrin Aldehyde	0.10	U	0.10	U		NA		NA		NA		NA
Endrin Ketone	0.10	U	0.10	U		NA		NA		NA		NA
gamma-BHC	0.050	U	0.050	UJ		NA		NA		NA		NA
gamma-Chlordane	0.050	U	0.050	U		NA		NA		NA		NA
Heptachlor	0.050	U	0.020	U		NA		NA		NA		NA
Heptachlor Epoxide	0.050	U	0.020	U		NA		NA		NA		NA
Methoxychlor	0.50	U	0.50	U		NA		NA		NA		NA
Toxaphene	5.0	U	5.0	U		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	2.8	U		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA	1.2	U		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA	1.6	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA	1.3	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA	2.1	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA	1.2	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA	1.7	UEMPC		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA	1.1	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA	1.5	UEMPC		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA	1.0	U		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA	3.3	U		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA	1.4	U		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA	2.2	U		NA		NA		NA		NA
2,3,7,8-TCDD		NA	0.90	U		NA		NA		NA		NA
2,3,7,8-TCDF		NA	0.70	U		NA		NA		NA		NA
OCDD		NA	4.4	U		NA		NA		NA		NA
OCDF		NA	3.2	U		NA		NA		NA		NA
Total HpCDD		NA	2.8	UJ		NA		NA		NA		NA
Total HpCDF		NA	1.4	UJ		NA		NA		NA		NA
Total HxCDD		NA	2.0	UEMPC		NA		NA		NA		NA
Total HxCDF		NA	6.7	UEMPC		NA		NA		NA		NA
Total PeCDD		NA	1.0	UJ		NA		NA		NA		NA
Total PeCDF		NA	5.5	UJ		NA		NA		NA		NA
Total TCDD		NA	0.90	UJ		NA		NA		NA		NA
Total TCDF		NA	5.0	UEMPC		NA		NA		NA		NA
Toxicity Equivalency		NA	0.00	UJ		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU1-PC-16S-01		OU1-MW-PC16S-07		OU2-DP1-7-0611		RM-GW18-0021		RM-GW18-0026		RM-GW18-0031	
Sample Location	MW-PC16S		MW-PC16S		DP1-7		18		18		18	
Date Sampled	11/20/1997		1/31/2003		7/29/1997		2/25/2002		2/25/2002		2/26/2002	
Interval	0.0-0.0		0.0-0.0		6.0-11.0		0.0-21.0		0.0-26.0		0.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum	1020		498			NA		NA		NA		NA
Antimony	50.0	U	3.5	U		NA		NA		NA		NA
Arsenic	1.0	U	2.3	U		NA		NA		NA		NA
Barium	80.1		198			NA		NA		NA		NA
Beryllium	1.0	U	0.61	U		NA		NA		NA		NA
Cadmium	43.7		22.1			NA		NA		NA		NA
Calcium	4000		5030	U		NA		NA		NA		NA
Chromium	5.0	U	0.78	J		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt	28.3		23.5			NA		NA		NA		NA
Copper	43.5		26.7	U		NA		NA		NA		NA
Cyanide		NA	7.2	UJ		NA		NA		NA		NA
Iron	986		19.5	U		NA		NA		NA		NA
Lead	3.7	UJ	12.6	U		NA		NA		NA		NA
Magnesium	1070		1550	U		NA		NA		NA		NA
Manganese	547		212			NA		NA		NA		NA
Mercury	0.10	U	0.10	U		NA		NA		NA		NA
Nickel	2580		728			NA		NA		NA		NA
Potassium	27500		3800	J		NA		NA		NA		NA
Selenium	1.0	UJ	2.7	UJ		NA		NA		NA		NA
Silver	3.0	U	0.80	UJ		NA		NA		NA		NA
Sodium	26900		28100	J		NA		NA		NA		NA
Thallium	1.0	U	4.0	U		NA		NA		NA		NA
Vanadium	3.0	U	0.80	U		NA		NA		NA		NA
Zinc	2880		1070			NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	20.7	J	36.0			NA		NA		NA		NA
Carbon Dioxide		NA	82.6			NA		NA		NA		NA
Chloride	10.6		3.84			NA		NA		NA		NA
Ferrous Iron		NA	0.030	U		NA		NA		NA		NA
Nitrate		NA	4.99			NA		NA		NA		NA
Nitrate-Nitrite (as N)	1.83			NA		NA		NA		NA		NA
Nitrite-N		NA	0.050	U		NA		NA		NA		NA
Sulfate	76.8	J	25.2			NA		NA		NA		NA
Sulfide		NA	0.50	U		NA		NA		NA		NA
Total Organic Carbon		NA	3.1			NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	10	U		NA		NA		NA		NA
1,1,1-Trichloroethane	330		6			NA		NA		NA
1,1,2,2-Tetrachloroethane	10	U	50	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	50	U		NA		NA		NA
1,1-Dichloroethane	120		87.5			NA		NA		NA
1,1-Dichloroethene	210		16			NA		NA		NA
1,1-Dichloropropene	10	U		NA		NA		NA		NA
1,2,3-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2,3-Trichloropropane	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dichloroethane	10	U	50	U		NA		NA		NA
1,2-Dichloroethene (total)		NA	460			NA		NA		NA
1,2-Dichloropropane	10	U	50	U		NA		NA		NA
1,3,5-Trimethylbenzene	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA
1,3-Dichloropropane	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	10	U		NA		NA		NA		NA
2-Butanone	40	U	50	U		NA		NA		NA
2-Chloroethylvinylether	30	U		NA		NA		NA		NA
2-Chlorotoluene	10	U		NA		NA		NA		NA
2-Hexanone	6	U	50	U		NA		NA		NA
4-Chlorotoluene	10	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	5	U	50	U		NA		NA		NA
Acetone	20	U	50	U		NA		NA		NA
Acrolein	100	U		NA		NA		NA		NA
Acrylonitrile	50	U		NA		NA		NA		NA
Benzene	10	U	50	U		NA		NA		NA
Bromobenzene	10	U		NA		NA		NA		NA
Bromochloromethane	10	U		NA		NA		NA		NA
Bromodichloromethane	10	U	50	U		NA		NA		NA
Bromoform	10	U	50	U		NA		NA		NA
Bromomethane	10	U	50	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	30	U	50	U		NA		NA		NA
Carbon Tetrachloride	10	U	15.5			NA		NA		NA
Chlorobenzene	10	U	32.5			NA		NA		NA
Chloroethane	10	U	30			NA		NA		NA
Chloroform	10	U		NA		NA		NA		NA
Chloromethane	10	U	50	U		NA		NA		NA
cis-1,2-Dichloroethene	180			NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	50	U		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	50	U		NA		NA		NA
Dibromomethane	10	U		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA		NA		NA
Ethyl Ether	30	U		NA		NA		NA		NA
Ethylbenzene	10	U	50	U		NA		NA		NA
Hexachlorobutadiene	10	U		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA		NA		NA
m&p-Xylene	20	U		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	10	U	30	U		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA
n-Butylbenzene	10	U		NA		NA		NA		NA
n-Propylbenzene	10	U		NA		NA		NA		NA
o-Xylene	10	U		NA		NA		NA		NA
p-Isopropyltoluene	10	U		NA		NA		NA		NA
sec-Butylbenzene	10	U		NA		NA		NA		NA
Styrene	10	U	50	U		NA		NA		NA
tert-Butylbenzene	10	U		NA		NA		NA		NA
Tetrachloroethene	10	U	25.5			NA		NA		NA
Tetrahydrofuran	70	U		NA		NA		NA		NA
Toluene	10	U	50	U		NA		NA		NA
Total Xylenes		NA	50	U		NA		NA		NA
trans-1,2-Dichloroethene	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	50	U		NA		NA		NA
Trichloroethene	360		72.5			NA		NA		NA
Trichlorofluoromethane	10	U		NA		NA		NA		NA
Vinyl Acetate	60	U		NA		NA		NA		NA
Vinyl Chloride	10	U	125			NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	376		50	U	50	U	1	U	20	U
1,1-Dichloroethane		NA	94		120		1	U	140	
1,1-Dichloroethene	212		50	U	50	U	1	U	20	U
1,2-Dichloroethane		NA	50	U	50	U	1	U	20	U
Benzene	28	U	50	U	50	U	1	U	20	U
Chlorobenzene	58	U	50	U	75		1	U	130	
cis-1,2-Dichloroethene	192		480		410		1	U	240	
Ethylbenzene		NA	50	U	50	U	1	U	20	U
m&p-Xylene		NA	50	U	50	U	1	U	20	U
o-Xylene		NA	50	U	50	U	1	U	20	U
Tetrachloroethene	15	U	50	U	50	U	1	U	20	U
Toluene	18	U	50	U	50	U	1	U	20	U
trans-1,2-Dichloroethene		NA	50	U	50	U	1	U	20	U
Trichloroethene	438		57		84		1	U	20	U
Vinyl Chloride		NA	120		120		1	U	92.5	
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA

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Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW18-0041		OU2-DP1-8-1217-AVG		OU2-DP1-8-2328		OU2-DP1-9-1318		OU2-DP1-9-2328-AVG	
Sample Location	18		DP1-8		DP1-8		DP1-9		DP1-9	
Date Sampled	2/26/2002		7/29/1997		7/29/1997		7/29/1997		7/29/1997	
Interval	0.0-41.0		12.0-17.0		23.0-28.0		13.0-18.0		23.0-28.0	
QC Identifier	None		Field Dup. (D1)		None		None		Field Dup. (D1s)	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum		NA	53.75	U		NA		NA		NA
Antimony		NA	27.3	U		NA		NA		NA
Arsenic		NA	28.3			NA		NA		NA
Barium		NA	191.5			NA		NA		NA
Beryllium		NA	0.10	U		NA		NA		NA
Cadmium		NA	2.6	U		NA		NA		NA
Calcium		NA	38550			NA		NA		NA
Chromium		NA	2.9	U		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA
Cobalt		NA	4.525			NA		NA		NA
Copper		NA	2.5	U		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA
Iron		NA	7255			NA		NA		NA
Lead		NA	1.5			NA		NA		NA
Magnesium		NA	32250			NA		NA		NA
Manganese		NA	1300			NA		NA		NA
Mercury		NA	0.10	U		NA		NA		NA
Nickel		NA	15.2	U		NA		NA		NA
Potassium		NA	5135			NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA	3.0	U		NA		NA		NA
Sodium		NA	64050			NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA	4.6	U		NA		NA		NA
Zinc		NA	52.55	U		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

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Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA	2	U	20	U	2	U
1,1,1-Trichloroethane		NA		NA	10	U	61		330		51	
1,1,2,2-Tetrachloroethane		NA		NA	10	U	2	U	20	U	2	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	2	U	20	U	2	U
1,1,2-Trichloroethane		NA		NA	10	U	2	U	20	U	2	U
1,1-Dichloroethane		NA		NA	81		14		84		12	
1,1-Dichloroethene		NA		NA	2	J	33		190		27	
1,1-Dichloropropene		NA		NA		NA	2	U	20	U	2	U
1,2,3-Trichlorobenzene		NA		NA		NA	2	U	20	U	2	U
1,2,3-Trichloropropane		NA		NA		NA	2	U	20	U	2	U
1,2,4-Trichlorobenzene		NA		NA		NA	2	U	20	U	2	U
1,2,4-Trimethylbenzene		NA		NA		NA	2	U	20	U	2	U
1,2-Dibromo-3-chloropropane		NA		NA		NA	2	U	20	U	2	U
1,2-Dibromoethane		NA		NA		NA	2	U	20	U	2	U
1,2-Dichlorobenzene		NA		NA		NA	2	U	20	U	2	U
1,2-Dichloroethane		NA		NA	10	U	2	U	20	U	2	U
1,2-Dichloroethene (total)		NA		NA	170			NA		NA		NA
1,2-Dichloropropane		NA		NA	10	U	2	U	20	U	2	U
1,3,5-Trimethylbenzene		NA		NA		NA	2	U	20	U	2	U
1,3-Dichlorobenzene		NA		NA		NA	2	U	20	U	2	U
1,3-Dichloropropane		NA		NA		NA	2	U	20	U	2	U
1,4-Dichlorobenzene		NA		NA		NA	2	U	20	U	2	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	2	U	20	U	2	U
2-Butanone		NA		NA	10	U	8	U	80	U	8	U
2-Chloroethylvinylether		NA		NA		NA	6	U	60	U	6	U
2-Chlorotoluene		NA		NA		NA	2	U	20	U	2	U
2-Hexanone		NA		NA	10	U	1.2	U	12	U	1.2	U
4-Chlorotoluene		NA		NA		NA	2	U	20	U	2	U
4-Methyl-2-Pentanone		NA		NA	10	U	1	U	10	U	1	U
Acetone		NA		NA	10	UJ	4	U	40	U	4	U
Acrolein		NA		NA		NA	20	U	200	U	20	U
Acrylonitrile		NA		NA		NA	10	U	100	U	10	U
Benzene		NA		NA	5	J	2	U	20	U	2	U
Bromobenzene		NA		NA		NA	2	U	20	U	2	U
Bromochloromethane		NA		NA		NA	2	U	20	U	2	U
Bromodichloromethane		NA		NA	10	U	2	U	20	U	2	U
Bromoform		NA		NA	10	U	2	U	20	U	2	U
Bromomethane		NA		NA	10	U	2	U	20	U	2	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA	10	U	6	U	60	U	6	U
Carbon Tetrachloride		NA		NA	10	UJ	2	U	20	U	2	U
Chlorobenzene		NA		NA	120		2	U	20	U	2	U
Chloroethane		NA		NA	10	U	2	U	20	U	2	U
Chloroform		NA		NA		R	2	U	20	U	2	U
Chloromethane		NA		NA	10	U	2	U	20	U	2	U
cis-1,2-Dichloroethene		NA		NA		NA	23		130		19	
cis-1,3-Dichloropropene		NA		NA	10	U	2	U	20	U	2	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA	10	U	2	U	20	U	2	U
Dibromomethane		NA		NA		NA	2	U	20	U	2	U
Dichlorodifluoromethane		NA		NA		NA	2	U	20	U	2	U
Ethyl Ether		NA		NA		NA	6	U	60	U	6	U
Ethylbenzene		NA		NA	10	U	2	U	20	U	2	U
Hexachlorobutadiene		NA		NA		NA	2	U	20	U	2	U
Isopropylbenzene		NA		NA		NA	2	U	20	U	2	U
m&p-Xylene		NA		NA		NA	4	U	40	U	4	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA	2	U	20	U	2	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA	10	U	2	U	20	U	2	U
Naphthalene		NA		NA		NA	2	U	20	U	2	U
n-Butylbenzene		NA		NA		NA	2	U	20	U	2	U
n-Propylbenzene		NA		NA		NA	2	U	20	U	2	U
o-Xylene		NA		NA		NA	2	U	20	U	2	U
p-Isopropyltoluene		NA		NA		NA	2	U	20	U	2	U
sec-Butylbenzene		NA		NA		NA	2	U	20	U	2	U
Styrene		NA		NA	10	U	2	U	20	U	2	U
tert-Butylbenzene		NA		NA		NA	2	U	20	U	2	U
Tetrachloroethene		NA		NA	10	U	2	U	20	U	2	U
Tetrahydrofuran		NA		NA		NA	14	U	140	U	14	U
Toluene		NA		NA	5	J	3.2		20	U	2	U
Total Xylenes		NA		NA	2	J		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA	2	U	20	U	2	U
trans-1,3-Dichloropropene		NA		NA	10	U	2	U	20	U	2	U
Trichloroethene		NA		NA	5	J	38		240		35	
Trichlorofluoromethane		NA		NA		NA	2	U	20	U	2	U
Vinyl Acetate		NA		NA		NA	12	U	120	U	12	U
Vinyl Chloride		NA		NA	69		2	U	20	U	2	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	200	U	20	U	10	U	64			NA	57	
1,1-Dichloroethane	200	U	60		89			NA		NA		NA
1,1-Dichloroethene	200	U	20	U	10	U	24			NA	22	
1,2-Dichloroethane	200	U	20	U	10	U		NA		NA		NA
Benzene	200	U	20	U	10	U	20	U		NA	20	U
Chlorobenzene	200	U	110		120		58	U		NA	47	U
cis-1,2-Dichloroethene	260		100		160		18			NA	21	
Ethylbenzene	200	U	20	U	10	U		NA		NA		NA
m&p-Xylene	200	U	20	U	11.8			NA		NA		NA
o-Xylene	200	U	20	U	10	U		NA		NA		NA
Tetrachloroethene	200	U	20	U	10	U	15	U		NA	12	U
Toluene	200	U	20	U	10	U	18	U		NA	18	U
trans-1,2-Dichloroethene	200	U	20	U	10	U		NA		NA		NA
Trichloroethene	2100		20	U	10	U	42			NA	43	
Vinyl Chloride	200	U	52		77			NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-9A-3338		OU2-DP1-9A-4348		OU2-DP1-9A-5358		RM-GW20-0022		RM-GW20-0027		RM-GW21-0020	
Sample Location	DP1-9A		DP1-9A		DP1-9A		20		20		21	
Date Sampled	7/29/1997		7/29/1997		7/30/1997		2/26/2002		2/26/2002		2/26/2002	
Interval	33.0-38.0		43.0-48.0		53.0-58.0		0.0-22.0		0.0-27.0		0.0-20.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aluminum		NA		NA	22.7	U		NA		NA		NA
Antimony		NA		NA	27.3	U		NA		NA		NA
Arsenic		NA		NA	90.0			NA		NA		NA
Barium		NA		NA	274			NA		NA		NA
Beryllium		NA		NA	0.10	UJ		NA		NA		NA
Cadmium		NA		NA	2.6	U		NA		NA		NA
Calcium		NA		NA	41700			NA		NA		NA
Chromium		NA		NA	2.9	U		NA		NA		NA
Chromium VI		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA	4.9	U		NA		NA		NA
Copper		NA		NA	2.5	U		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA	32400			NA		NA		NA
Lead		NA		NA		R		NA		NA		NA
Magnesium		NA		NA	53900			NA		NA		NA
Manganese		NA		NA	3320			NA		NA		NA
Mercury		NA		NA	0.10	U		NA		NA		NA
Nickel		NA		NA	15.2	U		NA		NA		NA
Potassium		NA		NA	7250			NA		NA		NA
Selenium		NA		NA		R		NA		NA		NA
Silver		NA		NA	3.0	UJ		NA		NA		NA
Sodium		NA		NA	64200			NA		NA		NA
Thallium		NA		NA		R		NA		NA		NA
Vanadium		NA		NA	9.1			NA		NA		NA
Zinc		NA		NA	76.8	UJ		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1,2-Tetrachloroethane	10	U	25	U	1	U		NA
1,1,1-Trichloroethane	120		170		6.3			NA
1,1,2,2-Tetrachloroethane	10	U	25	U	1	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	25	U	1	U		NA
1,1,2-Trichloroethane	10	U	25	U	1	U		NA
1,1-Dichloroethane	56		150		11			NA
1,1-Dichloroethene	81		150		10			NA
1,1-Dichloropropene	10	U	25	U	1	U		NA
1,2,3-Trichlorobenzene	10	U	25	U	1	U		NA
1,2,3-Trichloropropane	10	U	25	U	1	U		NA
1,2,4-Trichlorobenzene	10	U	25	U	1	U		NA
1,2,4-Trimethylbenzene	10	U	25	U	1	U		NA
1,2-Dibromo-3-chloropropane	10	U	25	U	1	U		NA
1,2-Dibromoethane	10	U	25	U	1	U		NA
1,2-Dichlorobenzene	10	U	25	U	1	U		NA
1,2-Dichloroethane	10	U	25	U	1	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA
1,2-Dichloropropane	10	U	25	U	1	U		NA
1,3,5-Trimethylbenzene	10	U	25	U	1	U		NA
1,3-Dichlorobenzene	10	U	25	U	1	U		NA
1,3-Dichloropropane	10	U	25	U	1	U		NA
1,4-Dichlorobenzene	10	U	25	U	1	U		NA
1,4-Dioxane		NA		NA		NA		NA
2,2-Dichloropropane	10	U	25	U	1	U		NA
2-Butanone	40	U	100	U	4	U		NA
2-Chloroethylvinylether	30	U	75	U	3	U		NA
2-Chlorotoluene	10	U	25	U	1	U		NA
2-Hexanone	6	U	15	U	0.6	U		NA
4-Chlorotoluene	10	U	25	U	1	U		NA
4-Methyl-2-Pentanone	5	U	12	U	0.5	U		NA
Acetone	20	U	50	U	3.8	B		NA
Acrolein	100	U	250	U	10	U		NA
Acrylonitrile	50	U	130	U	5	U		NA
Benzene	10	U	25	U	1	U		NA
Bromobenzene	10	U	25	U	1	U		NA
Bromochloromethane	10	U	25	U	1	U		NA
Bromodichloromethane	10	U	25	U	1	U		NA
Bromoform	10	U	25	U	1	U		NA
Bromomethane	10	U	25	U	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	30	U	75	U	3	U		NA
Carbon Tetrachloride	10	U	25	U	1	U		NA
Chlorobenzene	10	U	25	U	1	U		NA
Chloroethane	10	U	25	U	1	U		NA
Chloroform	10	U	25	U	1	U		NA
Chloromethane	10	U	25	U	1	U		NA
cis-1,2-Dichloroethene	83		230		23			NA
cis-1,3-Dichloropropene	10	U	25	U	1	U		NA
Cyclohexane		NA		NA		NA		NA
Dibromochloromethane	10	U	25	U	1	U		NA
Dibromomethane	10	U	25	U	1	U		NA
Dichlorodifluoromethane	10	U	25	U	1	U		NA
Ethyl Ether	30	U	75	U	3	U		NA
Ethylbenzene	10	U	25	U	1	U		NA
Hexachlorobutadiene	10	U	25	U	1	U		NA
Isopropylbenzene	10	U	25	U	1	U		NA
m&p-Xylene	20	U	50	U	2	U		NA
Methyl Acetate		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	25	U	1	U		NA
Methylcyclohexane		NA		NA		NA		NA
Methylene Chloride	10	U	25	U	1	U		NA
Naphthalene	10	U	25	U	1	U		NA
n-Butylbenzene	10	U	25	U	1	U		NA
n-Propylbenzene	10	U	25	U	1	U		NA
o-Xylene	10	U	25	U	1	U		NA
p-Isopropyltoluene	10	U	25	U	1	U		NA
sec-Butylbenzene	10	U	25	U	1	U		NA
Styrene	10	U	25	U	1	U		NA
tert-Butylbenzene	10	U	25	U	1	U		NA
Tetrachloroethene	10	U	25	U	1	U		NA
Tetrahydrofuran	70	U	180	U	7	U		NA
Toluene	10	U	25	U	1	U		NA
Total Xylenes		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	25	U	1	U		NA
trans-1,3-Dichloropropene	10	U	25	U	1	U		NA
Trichloroethene	160		25	U	59			NA
Trichlorofluoromethane	10	U	25	U	1	U		NA
Vinyl Acetate	60	U	150	U	6	U		NA
Vinyl Chloride	10	U	25	U	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)								

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Ethane		NA		NA		NA		NA
Ethene		NA		NA		NA		NA
Methane		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA	18		1	U
1,1-Dichloroethane		NA		NA		NA	18	
1,1-Dichloroethene		NA		NA	9		3.8	
1,2-Dichloroethane		NA		NA		NA	1	U
Benzene		NA		NA	26	U	6.3	
Chlorobenzene		NA		NA	52	U	11	
cis-1,2-Dichloroethene		NA		NA	20		9.1	
Ethylbenzene		NA		NA		NA	1	U
m&p-Xylene		NA		NA		NA	2.6	
o-Xylene		NA		NA		NA	1	U
Tetrachloroethene		NA		NA	0.5	U	2.9	
Toluene		NA		NA	20	U	1	U
trans-1,2-Dichloroethene		NA		NA		NA	1	U
Trichloroethene		NA		NA	55		1.5	
Vinyl Chloride		NA		NA		NA	2.3	
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
3-Nitroaniline		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Isophorone		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA
Phenol		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA

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Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Endosulfan I		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA
Endrin		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA
Dioxin Analysis (PG/L)								
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA
OCDD		NA		NA		NA		NA
OCDF		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA
TAL Metal Analysis (UG/L)								

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW21-0025		RM-GW21-0030		RM-GW21-0040		OU2-DP2-1-1116	
Sample Location	21		21		21		DP2-1	
Date Sampled	2/26/2002		2/26/2002		2/27/2002		7/30/1997	
Interval	0.0-25.0		0.0-30.0		0.0-40.0		11.0-16.0	
QC Identifier	None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Aluminum		NA		NA		NA		NA
Antimony		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA
Barium		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA
Calcium		NA		NA		NA		NA
Chromium		NA		NA		NA		NA
Chromium VI		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA
Copper		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA
Iron		NA		NA		NA		NA
Lead		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA
Manganese		NA		NA		NA		NA
Mercury		NA		NA		NA		NA
Nickel		NA		NA		NA		NA
Potassium		NA		NA		NA		NA
Selenium		NA		NA		NA		NA
Silver		NA		NA		NA		NA
Sodium		NA		NA		NA		NA
Thallium		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA
Zinc		NA		NA		NA		NA
Wet Chemistry Analysis								
Alkalinity		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA
Chloride		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA	10	U		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA	10	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA	10	U		NA		NA
1,1-Dichloroethane		NA		NA		NA	10	U		NA		NA
1,1-Dichloroethene		NA		NA		NA	10	U		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA	2	J		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA	3	J		NA		NA
1,2-Dichloropropane		NA		NA		NA	10	U		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA	10	U		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA	10	U		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA	10	U		NA		NA
Acetone		NA		NA		NA	10	UJ		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA	2	J		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA	10	U		NA		NA
Bromoform		NA		NA		NA	10	U		NA		NA
Bromomethane		NA		NA		NA	10	U		NA		NA

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Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA	10	U		NA		NA
Carbon Tetrachloride		NA		NA		NA	10	UJ		NA		NA
Chlorobenzene		NA		NA		NA	8	J		NA		NA
Chloroethane		NA		NA		NA	10	U		NA		NA
Chloroform		NA		NA		NA	1	J		NA		NA
Chloromethane		NA		NA		NA	10	U		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA	10	U		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA	10	U		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA	10	U		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA	10	U		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA	10	U		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA	3	J		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA	2	J		NA		NA
Total Xylenes		NA		NA		NA	2	J		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA	10	U		NA		NA
Trichloroethene		NA		NA		NA	7	J		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA	10	U		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	1	U	1	U	4.8		1	U	1	U	1	U
1,1-Dichloroethene	1	U	1	U	1.3		1	U	1	U	1	U
1,2-Dichloroethane	2		2.8		1	U	1.8		1.9		1	U
Benzene	1.3		4.5		14		2.2		2.9		1.2	
Chlorobenzene	14		18		13		9.4		7.2		1.3	
cis-1,2-Dichloroethene	13		7.1		4.2		3.2		2.6		1.1	
Ethylbenzene	1	U	1	U	1.4		1.3		1.1		1	U
m&p-Xylene	2.2		2.5		3		3		2.7		3.3	
o-Xylene	1	U	1	U	2.1		1.1		1.1		1.3	
Tetrachloroethene	20		8.1		1	U	4.9		3.5		1	U
Toluene	1.7		1.7		3		2.2		2.3		3	
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	8.8		3.9		1	U	8.8		18		7.6	
Vinyl Chloride	4.6		2.7		1.2		1.2		1.2		1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA	35300			NA		NA
Antimony		NA		NA		NA	27.3	U		NA		NA
Arsenic		NA		NA		NA	6.0			NA		NA
Barium		NA		NA		NA	193	J		NA		NA
Beryllium		NA		NA		NA	18.8			NA		NA
Cadmium		NA		NA		NA	8.2	J		NA		NA
Calcium		NA		NA		NA	281000			NA		NA
Chromium		NA		NA		NA	2.9	U		NA		NA
Cobalt		NA		NA		NA	624	J		NA		NA
Copper		NA		NA		NA	24.9	J		NA		NA

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Sample Number	OU2-DP2-1-2328		OU2-DP2-1-3237		OU2-DP2-1-4348		OU2-DP2-1-5459		OU2-DP2-1-6469		OU2-DP2-1-7479	
Sample Location	DP2-1		DP2-1		DP2-1		DP2-1		DP2-1		DP2-1	
Date Sampled	7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	23.0-28.0		32.0-37.0		43.0-48.0		54.0-59.0		64.0-69.0		74.0-79.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA	49400			NA		NA
Lead		NA		NA		NA		R		NA		NA
Magnesium		NA		NA		NA	37800			NA		NA
Manganese		NA		NA		NA	18300			NA		NA
Mercury		NA		NA		NA	0.10	U		NA		NA
Nickel		NA		NA		NA	402			NA		NA
Potassium		NA		NA		NA	11000			NA		NA
Selenium		NA		NA		NA		R		NA		NA
Silver		NA		NA		NA	3.0	UJ		NA		NA
Sodium		NA		NA		NA	50900			NA		NA
Thallium		NA		NA		NA		R		NA		NA
Vanadium		NA		NA		NA		R		NA		NA
Zinc		NA		NA		NA	1350	J		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	2	U	20	U	20	U	50	U	50	U		NA
1,1,1-Trichloroethane	95		590		1100		2000		2900			NA
1,1,2,2-Tetrachloroethane	2	U	20	U	20	U	50	U	50	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	2	U	20	U	20	U	50	U	50	U		NA
1,1,2-Trichloroethane	2	U	20	U	20	U	50	U	50	U		NA
1,1-Dichloroethane	26		130		190		220		380			NA
1,1-Dichloroethene	48		350		600		1000		1500			NA
1,1-Dichloropropene	2	U	20	U	20	U	50	U	50	U		NA
1,2,3-Trichlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
1,2,3-Trichloropropane	2	U	20	U	20	U	50	U	50	U		NA
1,2,4-Trichlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
1,2,4-Trimethylbenzene	2	U	20	U	20	U	50	U	50	U		NA
1,2-Dibromo-3-chloropropane	2	U	20	U	20	U	50	U	50	U		NA
1,2-Dibromoethane	2	U	20	U	20	U	50	U	50	U		NA
1,2-Dichlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
1,2-Dichloroethane	2	U	20	U	20	U	50	U	50	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	2	U	20	U	20	U	50	U	50	U		NA
1,3,5-Trimethylbenzene	2	U	20	U	20	U	50	U	50	U		NA
1,3-Dichlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
1,3-Dichloropropane	2	U	20	U	20	U	50	U	50	U		NA
1,4-Dichlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	2	U	20	U	20	U	50	U	50	U		NA
2-Butanone	8	U	80	U	80	U	200	U	200	U		NA
2-Chloroethylvinylether	6	U	60	U	60	U	150	U	150	U		NA
2-Chlorotoluene	2	U	20	U	20	U	50	U	50	U		NA
2-Hexanone	1.2	U	12	U	12	U	30	U	30	U		NA
4-Chlorotoluene	2	U	20	U	20	U	50	U	50	U		NA
4-Methyl-2-Pentanone	1	U	10	U	10	U	25	U	25	U		NA
Acetone	4	U	40	U	40	U	100	U	100	U		NA
Acrolein	20	U	200	U	200	U	500	U	500	U		NA
Acrylonitrile	10	U	100	U	100	U	250	U	250	U		NA
Benzene	2	U	20	U	20	U	50	U	50	U		NA
Bromobenzene	2	U	20	U	20	U	50	U	50	U		NA
Bromochloromethane	2	U	20	U	20	U	50	U	50	U		NA
Bromodichloromethane	2	U	20	U	20	U	50	U	50	U		NA
Bromoform	2	U	20	U	20	U	50	U	50	U		NA
Bromomethane	1.5	BL	20	U	12	BL	50	U	50	U		NA

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Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	6	U	60	U	60	U	150	U	150	U		NA
Carbon Tetrachloride	2	U	20	U	20	U	50	U	50	U		NA
Chlorobenzene	2	U	20	U	20	U	50	U	50	U		NA
Chloroethane	2	U	20	U	20	U	50	U	50	U		NA
Chloroform	2	U	20	U	20	U	50	U	50	U		NA
Chloromethane	2	U	20	U	20	U	50	U	50	U		NA
cis-1,2-Dichloroethene	52		290		480		410		730			NA
cis-1,3-Dichloropropene	2	U	20	U	20	U	50	U	50	U		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	2	U	20	U	20	U	50	U	50	U		NA
Dibromomethane	2	U	20	U	20	U	50	U	50	U		NA
Dichlorodifluoromethane	2	U	20	U	20	U	50	U	50	U		NA
Ethyl Ether	6	U	60	U	60	U	150	U	150	U		NA
Ethylbenzene	2	U	20	U	20	U	50	U	50	U		NA
Hexachlorobutadiene	2	U	20	U	20	U	50	U	50	U		NA
Isopropylbenzene	2	U	20	U	20	U	50	U	50	U		NA
m&p-Xylene	4	U	40	U	40	U	100	U	100	U		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	2	U	20	U	20	U	50	U	50	U		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	2	U	20	U	20	U	50	U	50	U		NA
Naphthalene	2	U	20	U	20	U	50	U	50	U		NA
n-Butylbenzene	2	U	20	U	20	U	50	U	50	U		NA
n-Propylbenzene	2	U	20	U	20	U	50	U	50	U		NA
o-Xylene	2	U	20	U	20	U	50	U	50	U		NA
p-Isopropyltoluene	2	U	20	U	20	U	50	U	50	U		NA
sec-Butylbenzene	2	U	20	U	20	U	50	U	50	U		NA
Styrene	2	U	20	U	20	U	50	U	50	U		NA
tert-Butylbenzene	2	U	20	U	20	U	50	U	50	U		NA
Tetrachloroethene	2	U	20	U	20	U	50	U	50	U		NA
Tetrahydrofuran	14	U	140	U	140	U	350	U	350	U		NA
Toluene	2	U	20	U	20	U	50	U	50	U		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	2	U	20	U	20	U	50	U	50	U		NA
trans-1,3-Dichloropropene	2	U	20	U	20	U	50	U	50	U		NA
Trichloroethene	27		210		270		460		720			NA
Trichlorofluoromethane	2	U	20	U	20	U	50	U	50	U		NA
Vinyl Acetate	12	U	120	U	120	U	300	U	300	U		NA
Vinyl Chloride	2	U	20	U	27		26		50	U		NA
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA	718			NA		NA	1950		1	U
1,1-Dichloroethane		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethene		NA	303			NA		NA	1150		1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA	1	U
Benzene		NA	28	U		NA		NA	27	U	1	U
Chlorobenzene		NA	56	U		NA		NA	54	U	1	U
cis-1,2-Dichloroethene		NA	330			NA		NA	502		1	U
Ethylbenzene		NA		NA		NA		NA		NA	1	U
m&p-Xylene		NA		NA		NA		NA		NA	1	U
o-Xylene		NA		NA		NA		NA		NA	1	U
Tetrachloroethene		NA	14	U		NA		NA	14	U	1	U
Toluene		NA	28	U		NA		NA	27	U	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	1	U
Trichloroethene		NA	199			NA		NA	704		1	U
Vinyl Chloride		NA		NA		NA		NA		NA	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW22-0018		RM-GW22-0023		RM-GW22-0028		RM-GW22-0038		RM-GW22-0043		OU2-DP2-2-1116	
Sample Location	22		22		22		22		22		DP2-2	
Date Sampled	2/27/2002		2/27/2002		2/27/2002		2/27/2002		2/27/2002		7/31/1997	
Interval	0.0-18.0		0.0-23.0		0.0-28.0		0.0-38.0		0.0-43.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	200	U
1,1-Dichloroethane	6.3		1	U	1	U	1	U	1	U	200	U
1,1-Dichloroethene	1.3		1	U	1	U	1	U	1	U	200	U
1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	200	U
Benzene	8.1		1	U	1	U	1	U	1	U	200	U
Chlorobenzene	12		1	U	1	U	1	U	1	U	3200	
cis-1,2-Dichloroethene	3.5		1	U	1	U	1.5		1	U	200	U
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	200	U
m&p-Xylene	1.2		1	U	1	U	1	U	1	U	200	U
o-Xylene	1	U	1	U	1	U	1	U	1	U	200	U
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	200	U
Toluene	1	U	1	U	1	U	1	U	1	U	200	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	200	U
Trichloroethene	1	U	1	U	1	U	5.2		1.1		200	U
Vinyl Chloride	1.5		1	U	1	U	1	U	1	U	200	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP2-2-2227		OU2-DP2-2-3237		OU2-DP2-2-4348		OU2-DP3-1-0611		OU2-DP3-1-1621		OU2-DP3-1-2631	
Sample Location	DP2-2		DP2-2		DP2-2		DP3-1		DP3-1		DP3-1	
Date Sampled	7/31/1997		7/31/1997		7/31/1997		7/30/1997		7/30/1997		7/30/1997	
Interval	22.0-27.0		32.0-37.0		43.0-48.0		6.0-11.0		16.0-21.0		26.0-31.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane		NA		NA		NA	10	U		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA	10	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA	10	U		NA	
1,1-Dichloroethane		NA		NA		NA	10	U		NA	
1,1-Dichloroethene		NA		NA		NA	10	U		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA	10	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA	10	U		NA	
1,2-Dichloropropane		NA		NA		NA	10	U		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA	10	U		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA	10	U		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA	10	U		NA	
Acetone		NA		NA		NA	10	U		NA	
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA	10	U		NA	
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA	10	U		NA	
Bromoform		NA		NA		NA	10	U		NA	
Bromomethane		NA		NA		NA	10	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide		NA		NA		NA	10	U		NA	
Carbon Tetrachloride		NA		NA		NA	10	U		NA	
Chlorobenzene		NA		NA		NA	10	U		NA	
Chloroethane		NA		NA		NA	10	U		NA	
Chloroform		NA		NA		NA	10	U		NA	
Chloromethane		NA		NA		NA	10	U		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA	10	U		NA	
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA	10	U		NA	
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA	10	U		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA	10	U		NA	
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA	10	U		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA	10	U		NA	
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA	1			NA	
Total Xylenes		NA		NA		NA	2			NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA	10	U		NA	
Trichloroethene		NA		NA		NA	10	U		NA	
Trichlorofluoromethane		NA		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA	10	U		NA	
Volatile Organic Screening Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane	500	U	200	U	100	U	1	U	1	U	1
1,1-Dichloroethane	500	U	200	U	100	U	1	U	1	U	1
1,1-Dichloroethene	500	U	200	U	100	U	1	U	1	U	1
1,2-Dichloroethane	500	U	200	U	100	U	1	U	1	U	1
Benzene	500	U	200	U	100	U	1	U	1	U	1
Chlorobenzene	6800		3600		770		1	U	1	U	1
cis-1,2-Dichloroethene	500	U	200	U	100	U	1	U	1	U	1
Ethylbenzene	500	U	200	U	100	U	1	U	1	U	1
m&p-Xylene	500	U	200	U	100	U	1.1		1	U	1
o-Xylene	500	U	200	U	100	U	1	U	1	U	1
Tetrachloroethene	500	U	200	U	100	U	1	U	1	U	1.1
Toluene	500	U	200	U	100	U	1	U	1.1		1
trans-1,2-Dichloroethene	500	U	200	U	100	U	1	U	1	U	1
Trichloroethene	500	U	200	U	100	U	1	U	1	U	1
Vinyl Chloride	500	U	200	U	100	U	1	U	1	U	1
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Nitrophenol		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Pyrene		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methoxychlor		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum		NA		NA		NA	14650			NA	
Antimony		NA		NA		NA	25.2	U		NA	
Arsenic		NA		NA		NA	1.2	U		NA	
Barium		NA		NA		NA	86.9			NA	
Beryllium		NA		NA		NA	5.8			NA	
Cadmium		NA		NA		NA	4.3	U		NA	
Calcium		NA		NA		NA	73800			NA	
Chromium		NA		NA		NA	6.3	U		NA	
Cobalt		NA		NA		NA	36.55			NA	
Copper		NA		NA		NA	47.25			NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-1-3641-AVG		OU2-DP3-1-4651		OU2-DP3-1-5156		AA-DPA3-2-1015-AVG		AA-DPA3-2-2025		AA-DPA3-2-3136
Sample Location	DP3-1		DP3-1		DP3-1		AA-DPA3-2		AA-DPA3-2		AA-DPA3-2
Date Sampled	7/30/1997		7/30/1997		7/30/1997		9/8/1997		9/8/1997		9/8/1997
Interval	36.0-41.0		46.0-51.0		51.0-56.0		10.0-15.0		20.0-25.0		31.0-36.0
QC Identifier	Field Dup. (D2s)		None		None		Field Dup. (D1c)		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Iron		NA		NA		NA	8190			NA	
Lead		NA		NA		NA	31.15			NA	
Magnesium		NA		NA		NA	15300			NA	
Manganese		NA		NA		NA	2705			NA	
Mercury		NA		NA		NA	0.20	U		NA	
Nickel		NA		NA		NA	78.2			NA	
Potassium		NA		NA		NA	3540			NA	
Selenium		NA		NA		NA	2.55	U		NA	
Silver		NA		NA		NA	3.7	U		NA	
Sodium		NA		NA		NA	102500			NA	
Thallium		NA		NA		NA	0.80	U		NA	
Vanadium		NA		NA		NA	3.0	U		NA	
Zinc		NA		NA		NA	279.5			NA	
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	10	U
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	10	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA	10	U
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA	10	U
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA	10	U
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	10	U
Acetone	NA		NA		NA		NA		NA		NA	10	UJ
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA	10	U
Bromobenzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA	10	U
Bromoform	NA		NA		NA		NA		NA		NA	10	U
Bromomethane	NA		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	10	U
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	10	UJ
Chlorobenzene	NA		NA		NA		NA		NA		NA	1	J
Chloroethane	NA		NA		NA		NA		NA		NA	10	U
Chloroform	NA		NA		NA		NA		NA		NA		R
Chloromethane	NA		NA		NA		NA		NA		NA	10	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	10	U
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA	10	U
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA	10	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA	10	U
Total Xylenes	NA		NA		NA		NA		NA		NA	10	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	10	U
Trichloroethene	NA		NA		NA		NA		NA		NA	10	U
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA	10	U
Volatile Organic Screening Analysis (UG/L)													

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	U	1	U	1	U	1	U	1	U	1.8		1	U
Benzene	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	U	1	U	1	U	1	U	1	U	1	U	1.1	
cis-1,2-Dichloroethene	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	U	1	U	1	U	1	U	1	U	1	U	1	U
m&p-Xylene	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene		1	U	1	U	1	U	1	U	1	U	1	U
Toluene	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	U	1	U	1	U	1	U	1	U	4.7		1	U
Vinyl Chloride	U	1	U	1	U	1	U	1	U	1	U	1	U
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA	35.4	UJ
Antimony	NA		NA		NA		NA		NA		NA	27.3	U
Arsenic	NA		NA		NA		NA		NA		NA	1.8	U
Barium	NA		NA		NA		NA		NA		NA	116	
Beryllium	NA		NA		NA		NA		NA		NA	0.21	U
Cadmium	NA		NA		NA		NA		NA		NA	2.6	U
Calcium	NA		NA		NA		NA		NA		NA	49900	
Chromium	NA		NA		NA		NA		NA		NA	2.9	U
Cobalt	NA		NA		NA		NA		NA		NA	4.9	U
Copper	NA		NA		NA		NA		NA		NA	2.5	U

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Sample Number		OU2-DP3-2-0712		OU2-DP3-2-1722		OU2-DP3-2-2732		OU2-DP3-2-3742		OU2-DP3-2-4752		OU2-DP2-2-5762	
Sample Location		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2		DP3-2	
Date Sampled		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997		7/31/1997	
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron	NA		NA		NA		NA		NA		NA	86.2	
Lead	NA		NA		NA		NA		NA		NA	1.6	J
Magnesium	NA		NA		NA		NA		NA		NA	32700	
Manganese	NA		NA		NA		NA		NA		NA	2180	
Mercury	NA		NA		NA		NA		NA		NA	0.10	U
Nickel	NA		NA		NA		NA		NA		NA	15.2	U
Potassium	NA		NA		NA		NA		NA		NA	6620	
Selenium	NA		NA		NA		NA		NA		NA		R
Silver	NA		NA		NA		NA		NA		NA	3.0	UJ
Sodium	NA		NA		NA		NA		NA		NA	305000	
Thallium	NA		NA		NA		NA		NA		NA		R
Vanadium	NA		NA		NA		NA		NA		NA	4.6	U
Zinc	NA		NA		NA		NA		NA		NA	63.2	UJ
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	10	U	1	U
1,1-Dichloroethane	1	U	1	U	1	U	1	U	10	U	1	U
1,1-Dichloroethene	1	U	1	U	1	U	1	U	10	U	1	U
1,2-Dichloroethane	1	U	1	U	1	U	17		29		1	U
Benzene	1	U	1	U	1	U	1	U	10	U	1	U
Chlorobenzene	1	U	1	U	1	U	1.2		10	U	1	U
cis-1,2-Dichloroethene	1	U	1	U	1	U	2.4		10	U	1	U
Ethylbenzene	1	U	1	U	1	U	1	U	10	U	1	U
m&p-Xylene	1	U	1	U	1	U	1	U	10	U	1	U
o-Xylene	1	U	1	U	1	U	1	U	10	U	1	U
Tetrachloroethene	1	U	1	U	1	U	1	U	10	U	1	U
Toluene	1	U	1	U	1	U	1	U	10	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	10	U	1	U
Trichloroethene	1	U	1	U	4.5		18		11		1	U
Vinyl Chloride	1	U	1	U	1	U	1	U	10	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP3-3-0712		OU2-DP3-3-1722		OU2-DP3-3-2732-AVG		OU2-DP3-3-3742		OU2-DP3-3-4752		AA-DPA3-5-0712-AVG	
Sample Location	DP3-3		DP3-3		DP3-3		DP3-3		DP3-3		AA-DPA3-5	
Date Sampled	7/31/1997		7/31/1997		8/1/1997		8/1/1997		8/1/1997		9/8/1997	
Interval	7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		7.0-12.0	
QC Identifier	None		None		Field Dup. (D3s)		None		None		Field Dup. (D1s)a	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	20	U	100	U	100	U	50	U
1,1,1-Trichloroethane	1	U	0.48	L	20	U	100	U	100	U	2600	
1,1,2,2-Tetrachloroethane	1	U	1	U	20	U	100	U	100	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	20	U	100	U	100	U	50	U
1,1,2-Trichloroethane	1	U	1	U	20	U	100	U	100	U	50	U
1,1-Dichloroethane	1	U	1	U	20	U	100	U	100	U	220	
1,1-Dichloroethene	1	U	1	U	20	U	100	U	100	U	630	
1,1-Dichloropropene	1	U	1	U	20	U	100	U	100	U	50	U
1,2,3-Trichlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,2,3-Trichloropropane	1	U	1	U	20	U	100	U	100	U	50	U
1,2,4-Trichlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,2,4-Trimethylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,2-Dibromo-3-chloropropane	1	U	1	U	20	U	100	U	100	U	50	U
1,2-Dibromoethane	1	U	1	U	20	U	100	U	100	U	50	U
1,2-Dichlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,2-Dichloroethane	1	U	1	U	20	U	100	U	100	U	50	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U	20	U	100	U	100	U	50	U
1,3,5-Trimethylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,3-Dichlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,3-Dichloropropane	1	U	1	U	20	U	100	U	100	U	50	U
1,4-Dichlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U	20	U	100	U	100	U	50	U
2-Butanone	4	U	4	U	80	U	400	U	400	U	200	U
2-Chloroethylvinylether	3	U	3	U	60	U	300	U	300	U	150	U
2-Chlorotoluene	1	U	1	U	20	U	100	U	100	U	50	U
2-Hexanone	0.6	U	0.6	U	12	U	60	U	60	U	30	U
4-Chlorotoluene	1	U	1	U	20	U	100	U	100	U	50	U
4-Methyl-2-Pentanone	0.5	U	0.5	U	10	U	50	U	50	U	25	U
Acetone	3.6	B	2	U	40	U	200	U	200	U	100	U
Acrolein	10	U	10	U	200	U	1000	U	1000	U	500	U
Acrylonitrile	5	U	5	U	100	U	500	U	500	U	250	U
Benzene	1	U	1	U	20	U	100	U	210		50	U
Bromobenzene	1	U	1	U	20	U	100	U	100	U	50	U
Bromochloromethane	1	U	1	U	20	U	100	U	100	U	50	U
Bromodichloromethane	1	U	1	U	20	U	100	U	100	U	50	U
Bromoform	1	U	1	U	20	U	100	U	100	U	50	U
Bromomethane	1	U	1	U	11	BL	100	U	100	U	50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	3	U	3	U	60	U	300	U	300	U	150	U
Carbon Tetrachloride	1	U	1	U	20	U	100	U	100	U	50	U
Chlorobenzene	1	U	1	U	20	U	100	U	100	U	50	U
Chloroethane	1	U	1	U	20	U	100	U	100	U	50	U
Chloroform	1	U	1	U	20	U	100	U	100	U	50	U
Chloromethane	1	U	1	U	20	U	100	U	100	U	50	U
cis-1,2-Dichloroethene	1	U	0.43	L	20	U	100	U	100	U	410	
cis-1,3-Dichloropropene	1	U	1	U	20	U	100	U	100	U	50	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U	20	U	100	U	100	U	50	U
Dibromomethane	1	U	1	U	20	U	100	U	100	U	50	U
Dichlorodifluoromethane	1	U	1	U	20	U	100	U	100	U	50	U
Ethyl Ether	3	U	3	U	60	U	300	U	300	U	150	U
Ethylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
Hexachlorobutadiene	1	U	1	U	20	U	100	U	100	U	50	U
Isopropylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
m&p-Xylene	2	U	2	U	40	U	200	U	200	U	100	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	4.1		20		3000		120000		15000		50	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	20	U	100	U	100	U	50	U
Naphthalene	1	U	1	U	20	U	100	U	100	U	50	U
n-Butylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
n-Propylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
o-Xylene	1	U	1	U	20	U	100	U	100	U	50	U
p-Isopropyltoluene	1	U	1	U	20	U	100	U	100	U	50	U
sec-Butylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
Styrene	1	U	1	U	20	U	100	U	100	U	50	U
tert-Butylbenzene	1	U	1	U	20	U	100	U	100	U	50	U
Tetrachloroethene	1	U	1	U	20	U	100	U	100	U	50	U
Tetrahydrofuran	7	U	7	U	140	U	700	U	700	U	350	U
Toluene	1	U	1	U	20	U	100	U	100	U	50	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U	20	U	100	U	100	U	50	U
trans-1,3-Dichloropropene	1	U	1	U	20	U	100	U	100	U	50	U
Trichloroethene	1	U	1	U	20	U	100	U	100	U	720	
Trichlorofluoromethane	1	U	1	U	20	U	100	U	100	U	50	U
Vinyl Acetate	6	U	6	U	120	U	600	U	600	U	300	U
Vinyl Chloride	1	U	1	U	20	U	100	U	100	U	50	U
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	0.5	U		NA		NA		NA		NA	2130	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	1	U		NA		NA		NA		NA	410	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene	0.5	U		NA		NA		NA		NA	29	U
Chlorobenzene	3	U		NA		NA		NA		NA	60	U
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA	356	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	0.5	U		NA		NA		NA		NA	15	U
Toluene	2	U		NA		NA		NA		NA	29	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene	0.5	U		NA		NA		NA		NA	192	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW40-0016		RM-GW40-0021		RM-GW40-0026		RM-GW40-0036		RM-GW40-0046		RM-GW41-0018	
Sample Location	40		40		40		40		40		41	
Date Sampled	2/27/2002		2/28/2002		2/28/2002		2/28/2002		2/28/2002		2/27/2002	
Interval	0.0-16.0		0.0-21.0		0.0-26.0		0.0-36.0		0.0-46.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	100	U	100	U		NA		NA	10	U	10	U
1,1,1-Trichloroethane	4400		5200			NA		NA	420		960	
1,1,2,2-Tetrachloroethane	100	U	100	U		NA		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	U		NA		NA	10	U	10	U
1,1,2-Trichloroethane	100	U	100	U		NA		NA	10	U	10	U
1,1-Dichloroethane	360		390			NA		NA	60		170	
1,1-Dichloroethene	2200		1600			NA		NA	190		480	
1,1-Dichloropropene	100	U	100	U		NA		NA	10	U	10	U
1,2,3-Trichlorobenzene	100	U	100	U		NA		NA	10	U	10	U
1,2,3-Trichloropropane	100	U	100	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene	100	U	100	U		NA		NA	10	U	10	U
1,2,4-Trimethylbenzene	100	U	100	U		NA		NA	10	U	10	U
1,2-Dibromo-3-chloropropane	100	U	100	U		NA		NA	10	U	10	U
1,2-Dibromoethane	100	U	100	U		NA		NA	10	U	10	U
1,2-Dichlorobenzene	100	U	100	U		NA		NA	10	U	10	U
1,2-Dichloroethane	100	U	100	U		NA		NA	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	100	U	100	U		NA		NA	10	U	10	U
1,3,5-Trimethylbenzene	100	U	100	U		NA		NA	10	U	10	U
1,3-Dichlorobenzene	100	U	100	U		NA		NA	10	U	10	U
1,3-Dichloropropane	100	U	100	U		NA		NA	10	U	10	U
1,4-Dichlorobenzene	100	U	100	U		NA		NA	10	U	10	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	100	U	100	U		NA		NA	10	U	10	U
2-Butanone	400	U	400	U		NA		NA	40	U	40	U
2-Chloroethylvinylether	300	U	300	U		NA		NA	30	U	30	U
2-Chlorotoluene	100	U	100	U		NA		NA	10	U	10	U
2-Hexanone	60	U	60	U		NA		NA	6	U	6	U
4-Chlorotoluene	100	U	100	U		NA		NA	10	U	10	U
4-Methyl-2-Pentanone	50	U	50	U		NA		NA	5	U	5	U
Acetone	200	U	200	U		NA		NA	20	U	20	U
Acrolein	1000	U	1000	U		NA		NA	100	U	100	U
Acrylonitrile	500	U	500	U		NA		NA	50	U	50	U
Benzene	100	U	100	U		NA		NA	10	U	10	U
Bromobenzene	100	U	100	U		NA		NA	10	U	10	U
Bromochloromethane	100	U	100	U		NA		NA	10	U	10	U
Bromodichloromethane	100	U	100	U		NA		NA	10	U	10	U
Bromoform	100	U	100	U		NA		NA	10	U	10	U
Bromomethane	100	U	100	U		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	300	U	300	U		NA		NA	30	U	30	U
Carbon Tetrachloride	100	U	100	U		NA		NA	10	U	10	U
Chlorobenzene	100	U	100	U		NA		NA	10	U	10	U
Chloroethane	100	U	100	U		NA		NA	10	U	10	U
Chloroform	100	U	100	U		NA		NA	10	U	10	U
Chloromethane	100	U	100	U		NA		NA	10	U	10	U
cis-1,2-Dichloroethene	1100		810			NA		NA	120		350	
cis-1,3-Dichloropropene	100	U	100	U		NA		NA	10	U	10	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	100	U	100	U		NA		NA	10	U	10	U
Dibromomethane	100	U	100	U		NA		NA	10	U	10	U
Dichlorodifluoromethane	100	U	100	U		NA		NA	10	U	10	U
Ethyl Ether	300	U	300	U		NA		NA	30	U	30	U
Ethylbenzene	100	U	100	U		NA		NA	10	U	10	U
Hexachlorobutadiene	100	U	100	U		NA		NA	10	U	10	U
Isopropylbenzene	100	U	100	U		NA		NA	10	U	10	U
m&p-Xylene	200	U	200	U		NA		NA	20	U	20	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	100	U	100	U		NA		NA	10	U	10	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	100	U	100	U		NA		NA	10	U	10	U
Naphthalene	100	U	100	U		NA		NA	10	U	10	U
n-Butylbenzene	100	U	100	U		NA		NA	10	U	10	U
n-Propylbenzene	100	U	100	U		NA		NA	10	U	10	U
o-Xylene	100	U	100	U		NA		NA	10	U	10	U
p-Isopropyltoluene	100	U	100	U		NA		NA	10	U	10	U
sec-Butylbenzene	100	U	100	U		NA		NA	10	U	10	U
Styrene	100	U	100	U		NA		NA	10	U	10	U
tert-Butylbenzene	100	U	100	U		NA		NA	10	U	10	U
Tetrachloroethene	100	U	100	U		NA		NA	10	U	10	U
Tetrahydrofuran	700	U	700	U		NA		NA	70	U	70	U
Toluene	100	U	100	U		NA		NA	10	U	10	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	100	U	100	U		NA		NA	10	U	10	U
trans-1,3-Dichloropropene	100	U	100	U		NA		NA	10	U	10	U
Trichloroethene	900		1300			NA		NA	170		380	
Trichlorofluoromethane	100	U	100	U		NA		NA	10	U	10	U
Vinyl Acetate	600	U	600	U		NA		NA	60	U	60	U
Vinyl Chloride	75	L	100	U		NA		NA	10	U	10	U
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA	10	U	100	U	412		946	
1,1-Dichloroethane		NA		NA	10	U	100	U		NA		NA
1,1-Dichloroethene		NA		NA	10	U	100	U	166		420	
1,2-Dichloroethane		NA		NA	10	U	100	U		NA		NA
Benzene		NA		NA	10	U	100	U	30	U	28	U
Chlorobenzene		NA		NA	28		360		60	U	3	U
cis-1,2-Dichloroethene		NA		NA	10	U	100	U	107		280	
Ethylbenzene		NA		NA	10	U	100	U		NA		NA
m&p-Xylene		NA		NA	10	U	100	U		NA		NA
o-Xylene		NA		NA	10	U	100	U		NA		NA
Tetrachloroethene		NA		NA	10	U	100	U	15	U	0.5	U
Toluene		NA		NA	10	U	100	U	30	U	2	U
trans-1,2-Dichloroethene		NA		NA	10	U	100	U		NA		NA
Trichloroethene		NA		NA	10	U	100	U	152		369	
Vinyl Chloride		NA		NA	10	U	100	U		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW41-0033		RM-GW41-0043		OU2-DP4-1-1217		OU2-DP4-1-2530		RM-GW42-0024		RM-GW43-0018	
Sample Location	41		41		DP4-1		DP4-1		42		43	
Date Sampled	2/27/2002		2/28/2002		7/31/1997		7/31/1997		2/27/2002		2/28/2002	
Interval	0.0-33.0		0.0-43.0		12.0-17.0		25.0-30.0		0.0-24.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	100	U	100	U	100	U	50	U	50	U		NA
1,1,1-Trichloroethane	2800		4900		560		5600	E	5500	E	20	U
1,1,2,2-Tetrachloroethane	100	U	100	U	100	U	50	U	50	U	20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	U	100	U	50	U	50	U		NA
1,1,2-Trichloroethane	100	U	100	U	100	U	50	U	50	U	20	U
1,1-Dichloroethane	760		420		49		570		480		85	
1,1-Dichloroethene	2800		2400		210		1800		2200		7	J
1,1-Dichloropropene	100	U	100	U	100	U	50	U	50	U		NA
1,2,3-Trichlorobenzene	100	U	100	U	100	U	50	U	50	U		NA
1,2,3-Trichloropropane	100	U	100	U	100	U	50	U	50	U		NA
1,2,4-Trichlorobenzene	100	U	100	U	100	U	50	U	50	U		NA
1,2,4-Trimethylbenzene	100	U	100	U	100	U	50	U	50	U		NA
1,2-Dibromo-3-chloropropane	100	U	100	U	100	U	50	U	50	U		NA
1,2-Dibromoethane	100	U	100	U	100	U	50	U	50	U		NA
1,2-Dichlorobenzene	100	U	100	U	100	U	50	U	50	U		NA
1,2-Dichloroethane	100	U	100	U	100	U	50	U	50	U	20	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	300	
1,2-Dichloropropane	100	U	100	U	100	U	50	U	50	U	20	U
1,3,5-Trimethylbenzene	100	U	100	U	100	U	50	U	50	U		NA
1,3-Dichlorobenzene	100	U	100	U	100	U	50	U	50	U		NA
1,3-Dichloropropane	100	U	100	U	100	U	50	U	50	U		NA
1,4-Dichlorobenzene	100	U	100	U	100	U	50	U	50	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	100	U	100	U	100	U	50	U	50	U		NA
2-Butanone	400	U	400	U	400	U	200	U	200	U	20	U
2-Chloroethylvinylether	300	U	300	U	300	U	150	U	150	U		NA
2-Chlorotoluene	100	U	100	U	100	U	50	U	50	U		NA
2-Hexanone	60	U	60	U	60	U	30	U	30	U	20	U
4-Chlorotoluene	100	U	100	U	100	U	50	U	50	U		NA
4-Methyl-2-Pentanone	50	U	50	U	50	U	25	U	25	U	20	U
Acetone	200	U	210	B	19	BJ	130	BJ	130	BJ	20	UJ
Acrolein	1000	U	1000	U	1000	U	500	U	500	U		NA
Acrylonitrile	500	U	500	U	500	U	250	U	250	U		NA
Benzene	100	U	100	U	100	U	50	U	50	U	20	U
Bromobenzene	100	U	100	U	100	U	50	U	50	U		NA
Bromochloromethane	100	U	100	U	100	U	50	U	50	U		NA
Bromodichloromethane	100	U	100	U	100	U	50	U	50	U	20	U
Bromoform	100	U	100	U	100	U	50	U	50	U	20	U
Bromomethane	100	U	100	U	100	U	50	U	50	U	20	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	300	U	300	U	300	U	150	U	150	U	20	U
Carbon Tetrachloride	100	U	100	U	100	U	50	U	50	U	20	U
Chlorobenzene	100	U	100	U	100	U	50	U	50	U	20	U
Chloroethane	100	U	100	U	100	U	50	U	50	U	20	U
Chloroform	100	U	100	U	100	U	50	U	50	U		R
Chloromethane	100	U	100	U	100	U	50	U	50	U	20	U
cis-1,2-Dichloroethene	2000		1200		110		1400		1400			NA
cis-1,3-Dichloropropene	100	U	100	U	100	U	50	U	50	U	20	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	100	U	100	U	100	U	50	U	50	U	20	U
Dibromomethane	100	U	100	U	100	U	50	U	50	U		NA
Dichlorodifluoromethane	100	U	100	U	100	U	50	U	50	U		NA
Ethyl Ether	300	U	300	U	300	U	150	U	150	U		NA
Ethylbenzene	100	U	100	U	100	U	50	U	50	U	20	U
Hexachlorobutadiene	100	U	100	U	100	U	50	U	50	U		NA
Isopropylbenzene	100	U	100	U	100	U	50	U	50	U		NA
m&p-Xylene	200	U	200	U	200	U	100	U	100	U		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	100	U	100	U	100	U	50	U	50	U		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	100	U	100	U	100	U	50	U	50	U	20	U
Naphthalene	100	U	100	U	100	U	50	U	50	U		NA
n-Butylbenzene	100	U	100	U	100	U	50	U	50	U		NA
n-Propylbenzene	100	U	100	U	100	U	50	U	50	U		NA
o-Xylene	100	U	100	U	100	U	50	U	50	U		NA
p-Isopropyltoluene	100	U	100	U	100	U	50	U	50	U		NA
sec-Butylbenzene	100	U	100	U	100	U	50	U	50	U		NA
Styrene	100	U	100	U	100	U	50	U	50	U	20	U
tert-Butylbenzene	100	U	100	U	100	U	50	U	50	U		NA
Tetrachloroethene	100	U	100	U	100	U	50	U	50	U	20	U
Tetrahydrofuran	700	U	700	U	700	U	350	U	350	U		NA
Toluene	100	U	100	U	100	U	50	U	50	U	20	U
Total Xylenes		NA		NA		NA		NA		NA	20	U
trans-1,2-Dichloroethene	100	U	100	U	100	U	50	U	50	U		NA
trans-1,3-Dichloropropene	100	U	100	U	100	U	50	U	50	U	20	U
Trichloroethene	2000		1200		130		930		870		13	J
Trichlorofluoromethane	100	U	100	U	100	U	50	U	50	U		NA
Vinyl Acetate	600	U	600	U	600	U	300	U	300	U		NA
Vinyl Chloride	180		100	U	100	U	62		63		19	J
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	100	U
1,1-Dichloroethane		NA		NA		NA		NA		NA	110	
1,1-Dichloroethene		NA		NA		NA		NA		NA	100	U
1,2-Dichloroethane		NA		NA		NA		NA		NA	100	U
Benzene		NA		NA		NA		NA		NA	100	U
Chlorobenzene		NA		NA		NA		NA		NA	100	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	350	
Ethylbenzene		NA		NA		NA		NA		NA	100	U
m&p-Xylene		NA		NA		NA		NA		NA	100	U
o-Xylene		NA		NA		NA		NA		NA	100	U
Tetrachloroethene		NA		NA		NA		NA		NA	100	U
Toluene		NA		NA		NA		NA		NA	100	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	100	U
Trichloroethene		NA		NA		NA		NA		NA	100	U
Vinyl Chloride		NA		NA		NA		NA		NA	100	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA	22.7	U
Antimony		NA		NA		NA		NA		NA	27.3	U
Arsenic		NA		NA		NA		NA		NA	78.3	
Barium		NA		NA		NA		NA		NA	234	
Beryllium		NA		NA		NA		NA		NA	0.35	U
Cadmium		NA		NA		NA		NA		NA	2.6	U
Calcium		NA		NA		NA		NA		NA	21100	
Chromium		NA		NA		NA		NA		NA	2.9	U
Cobalt		NA		NA		NA		NA		NA	4.9	U
Copper		NA		NA		NA		NA		NA	2.5	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW43-0023		RM-GW43-0028		RM-GW43-0038		RM-GW43-0048		RM-GW43-0052		OU2-DP4-3A-1217	
Sample Location	43		43		43		43		43		DP4-3A	
Date Sampled	2/28/2002		2/28/2002		3/1/2002		3/1/2002		3/1/2002		8/1/1997	
Interval	0.0-23.0		0.0-28.0		0.0-38.0		0.0-48.0		0.0-52.0		12.0-17.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA	7600	
Lead		NA		NA		NA		NA		NA		R
Magnesium		NA		NA		NA		NA		NA	30200	
Manganese		NA		NA		NA		NA		NA	1140	
Mercury		NA		NA		NA		NA		NA	0.10	U
Nickel		NA		NA		NA		NA		NA	15.2	U
Potassium		NA		NA		NA		NA		NA	5490	
Selenium		NA		NA		NA		NA		NA		R
Silver		NA		NA		NA		NA		NA	3.0	UJ
Sodium		NA		NA		NA		NA		NA	50600	
Thallium		NA		NA		NA		NA		NA		R
Vanadium		NA		NA		NA		NA		NA	4.6	U
Zinc		NA		NA		NA		NA		NA	76.5	UJ
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	10	U	1700			NA		NA		NA
1,1,2,2-Tetrachloroethane		NA	10	U	160	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	10	U	160	U		NA		NA		NA
1,1-Dichloroethane		NA	10	U	630			NA		NA		NA
1,1-Dichloroethene		NA	0.9	U	390			NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA		NA		NA
1,2-Dibromoethane		NA	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA		NA
1,2-Dichloroethane		NA	10	U	160	U		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA	660			NA		NA		NA
1,2-Dichloropropane		NA	10	U	160	U		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA		NA
1,4-Dioxane		NA	100	UJ		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA	10	U	160	U		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA	10	U	160	UJ		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	UJ	160	UJ		NA		NA		NA
Acetone		NA	10	U	160	U		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA	10	U	82	J		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	10	U	160	U		NA		NA		NA
Bromoform		NA	10	U		R		NA		NA		NA
Bromomethane		NA	10	U	160	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA	10	U	160	U		NA		NA		NA
Carbon Tetrachloride		NA	10	U	160	U		NA		NA		NA
Chlorobenzene		NA	10	U	160	U		NA		NA		NA
Chloroethane		NA	10	U	40	J		NA		NA		NA
Chloroform		NA	10	U	160	U		NA		NA		NA
Chloromethane		NA	10	U	160	U		NA		NA		NA
cis-1,2-Dichloroethene		NA	10	U		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA	10	U	160	U		NA		NA		NA
Cyclohexane		NA	10	U		NA		NA		NA		NA
Dibromochloromethane		NA	10	U		R		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA	10	U	160	U		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	U		NA		NA		NA		NA
Methylcyclohexane		NA	10	U		NA		NA		NA		NA
Methylene Chloride		NA	10	UJ	160	U		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA	10	U	160	U		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	10	U	160	U		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA	10	U	160	U		NA		NA		NA
Total Xylenes		NA	10	U	160	U		NA		NA		NA
trans-1,2-Dichloroethene		NA	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA	10	U	160	U		NA		NA		NA
Trichloroethene		NA	10	U	67	J		NA		NA		NA
Trichlorofluoromethane		NA	10	U		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA	1	U	92	J		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	100	U		NA	2600		6700		5700		4600	
1,1-Dichloroethane	130			NA	600		500	U	500	U	500	U
1,1-Dichloroethene	100	U		NA	500	U	510		500	U	500	U
1,2-Dichloroethane	100	U		NA	500	U	500	U	500	U	500	U
Benzene	100	U		NA	500	U	500	U	500	U	500	U
Chlorobenzene	100	U		NA	500	U	500	U	500	U	500	U
cis-1,2-Dichloroethene	420			NA	650		1100		1100		1100	
Ethylbenzene	100	U		NA	500	U	500	U	500	U	500	U
m&p-Xylene	100	U		NA	500	U	500	U	500	U	500	U
o-Xylene	100	U		NA	500	U	500	U	500	U	500	U
Tetrachloroethene	100	U		NA	500	U	500	U	500	U	500	U
Toluene	100	U		NA	500	U	500	U	500	U	500	U
trans-1,2-Dichloroethene	100	U		NA	500	U	500	U	500	U	500	U
Trichloroethene	100	U		NA	500	U	500	U	500	U	500	U
Vinyl Chloride	180			NA	500	U	500	U	500	U	500	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA	25	U		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA	10	U		NA		NA		NA		NA
2,4-Dichlorophenol		NA	10	U		NA		NA		NA		NA
2,4-Dimethylphenol		NA	10	U		NA		NA		NA		NA
2,4-Dinitrophenol		NA	25	UJ		NA		NA		NA		NA
2,4-Dinitrotoluene		NA	10	U		NA		NA		NA		NA
2,6-Dinitrotoluene		NA	10	U		NA		NA		NA		NA
2-Chloronaphthalene		NA	10	U		NA		NA		NA		NA
2-Chlorophenol		NA	10	U		NA		NA		NA		NA
2-Methylnaphthalene		NA	10	U		NA		NA		NA		NA
2-Methylphenol		NA	10	U		NA		NA		NA		NA
2-Nitroaniline		NA	25	U		NA		NA		NA		NA
2-Nitrophenol		NA	10	U		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA	10	U		NA		NA		NA		NA
3-Nitroaniline		NA	25	U		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA	25	U		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA	10	U		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA	10	U		NA		NA		NA		NA
4-Chloroaniline		NA	10	UJ		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA	10	U		NA		NA		NA		NA
4-Methylphenol		NA	10	U		NA		NA		NA		NA
4-Nitroaniline		NA	25	UJ		NA		NA		NA		NA

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Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA	25	U		NA		NA		NA		NA
Acenaphthene		NA	10	U		NA		NA		NA		NA
Acenaphthylene		NA	10	U		NA		NA		NA		NA
Acetophenone		NA	10	U		NA		NA		NA		NA
Anthracene		NA	10	U		NA		NA		NA		NA
Atrazine		NA	10	U		NA		NA		NA		NA
Benzaldehyde		NA	10	UJ		NA		NA		NA		NA
Benzo(a)anthracene		NA	10	U		NA		NA		NA		NA
Benzo(a)pyrene		NA	10	U		NA		NA		NA		NA
Benzo(b)fluoranthene		NA	10	U		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA	10	U		NA		NA		NA		NA
Benzo(k)fluoranthene		NA	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA	10	U		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA	10	U		NA		NA		NA		NA
Butylbenzylphthalate		NA	10	U		NA		NA		NA		NA
Caprolactam		NA	11	J		NA		NA		NA		NA
Carbazole		NA	10	U		NA		NA		NA		NA
Chrysene		NA	10	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA	10	U		NA		NA		NA		NA
Dibenzofuran		NA	10	U		NA		NA		NA		NA
Diethylphthalate		NA	10	U		NA		NA		NA		NA
Dimethylphthalate		NA	10	U		NA		NA		NA		NA
Di-n-Butylphthalate		NA	10	U		NA		NA		NA		NA
Di-n-octylphthalate		NA	10	U		NA		NA		NA		NA
Fluoranthene		NA	10	U		NA		NA		NA		NA
Fluorene		NA	10	U		NA		NA		NA		NA
Hexachlorobenzene		NA	10	U		NA		NA		NA		NA
Hexachlorobutadiene		NA	10	U		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA	10	U		NA		NA		NA		NA
Hexachloroethane		NA	10	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	10	U		NA		NA		NA		NA
Isophorone		NA	10	U		NA		NA		NA		NA
Naphthalene		NA	10	U		NA		NA		NA		NA
Nitrobenzene		NA	10	U		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA	10	U		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA	10	U		NA		NA		NA		NA
Pentachlorophenol		NA	25	UJ		NA		NA		NA		NA
Phenanthrene		NA	10	U		NA		NA		NA		NA
Phenol		NA	10	U		NA		NA		NA		NA

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Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA	10	U		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene		NA	0.20	UJ		NA		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA	0.10	U		NA		NA		NA		NA
4,4'-DDE		NA	0.10	U		NA		NA		NA		NA
4,4'-DDT		NA	0.10	U		NA		NA		NA		NA
Aldrin		NA	0.050	U		NA		NA		NA		NA
alpha-BHC		NA	0.050	UJ		NA		NA		NA		NA
alpha-Chlordane		NA	0.050	U		NA		NA		NA		NA
Aroclor-1016		NA	1.0	U		NA		NA		NA		NA
Aroclor-1221		NA	0.25	U		NA		NA		NA		NA
Aroclor-1232		NA	1.0	U		NA		NA		NA		NA
Aroclor-1242		NA	1.0	U		NA		NA		NA		NA
Aroclor-1248		NA	1.0	U		NA		NA		NA		NA
Aroclor-1254		NA	0.25	U		NA		NA		NA		NA
Aroclor-1260		NA	0.25	U		NA		NA		NA		NA
Aroclor-1262		NA	0.28	U		NA		NA		NA		NA
Aroclor-1268		NA	1.0	U		NA		NA		NA		NA
beta-BHC		NA	0.050	U		NA		NA		NA		NA
delta-BHC		NA	0.050	U		NA		NA		NA		NA
Dieldrin		NA	0.050	U		NA		NA		NA		NA
Endosulfan I		NA	0.050	U		NA		NA		NA		NA
Endosulfan II		NA	0.10	U		NA		NA		NA		NA
Endosulfan Sulfate		NA	0.10	U		NA		NA		NA		NA
Endrin		NA	0.050	U		NA		NA		NA		NA
Endrin Aldehyde		NA	0.10	U		NA		NA		NA		NA
Endrin Ketone		NA	0.10	U		NA		NA		NA		NA
gamma-BHC		NA	0.050	UJ		NA		NA		NA		NA
gamma-Chlordane		NA	0.050	U		NA		NA		NA		NA
Heptachlor		NA	0.020	U		NA		NA		NA		NA
Heptachlor Epoxide		NA	0.020	U		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA	0.50	U		NA		NA		NA		NA
Toxaphene		NA	5.0	U		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA	172	U	52.8	U		NA		NA		NA
Antimony		NA	2.3	U		R		NA		NA		NA
Arsenic		NA	4.8	U		R		NA		NA		NA
Barium		NA	59.7		325	U		NA		NA		NA
Beryllium		NA	0.12	UJ	0.10	U		NA		NA		NA
Cadmium		NA	0.32	UJ	0.42	UJ		NA		NA		NA
Calcium		NA	45000		96400			NA		NA		NA
Chromium		NA	0.60	U	0.60	U		NA		NA		NA
Cobalt		NA	2.2		2.8			NA		NA		NA
Copper		NA	3.5	U	33.8	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-3A-1823		OU4-MW-3-07		OU2-DP4-4-0510		OU2-DP4-4A-1520		OU2-DP4-4A-2530		OU2-DP4-4A-3439	
Sample Location	DP4-3A		OU4-MW-3		DP4-4		DP4-4A		DP4-4A		DP4-4A	
Date Sampled	8/1/1997		2/6/2003		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	18.0-23.0		0.0-0.0		5.0-10.0		15.0-20.0		25.0-30.0		34.0-39.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA	8260		10100			NA		NA		NA
Lead		NA	2.2	U	18.9	UJ		NA		NA		NA
Magnesium		NA	15700		17500			NA		NA		NA
Manganese		NA	2440		1360			NA		NA		NA
Mercury		NA	0.10	U	0.10	UJ		NA		NA		NA
Nickel		NA	9.7		4.1	J		NA		NA		NA
Potassium		NA	5180		9690			NA		NA		NA
Selenium		NA	4.8	U		R		NA		NA		NA
Silver		NA	0.60	U	0.80	U		NA		NA		NA
Sodium		NA	29100		72700			NA		NA		NA
Thallium		NA	4.7	U	3.4	U		NA		NA		NA
Vanadium		NA	0.50	U	1.5	U		NA		NA		NA
Zinc		NA	76.0		151	U		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	10	U	620			NA		NA
1,1,2,2-Tetrachloroethane		NA	10	U	40	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA		NA
1,1,2-Trichloroethane		NA	10	U	40	U		NA		NA
1,1-Dichloroethane		NA	10	U	58			NA		NA
1,1-Dichloroethene		NA	0.9	U	140			NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA		NA
1,2-Dibromoethane		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dichloroethane		NA	10	U	40	U		NA		NA
1,2-Dichloroethene (total)		NA		NA	84			NA		NA
1,2-Dichloropropane		NA	10	U	40	U		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dioxane		NA	100	UJ		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone		NA	10	U	40	U		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone		NA	10	U	40	U		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	U	40	U		NA		NA
Acetone		NA	9	J	40	U		NA		NA
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene		NA	10	U	40	U		NA		NA
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA	10	U	40	U		NA		NA
Bromoform		NA	10	U		R		NA		NA
Bromomethane		NA	10	U	40	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA	10	U	40	U		NA		NA
Carbon Tetrachloride		NA	10	U	40	U		NA		NA
Chlorobenzene		NA	10	U	40	U		NA		NA
Chloroethane		NA	10	U	40	UJ		NA		NA
Chloroform		NA	10	U	4	JEB		NA		NA
Chloromethane		NA	10	U	40	UJ		NA		NA
cis-1,2-Dichloroethene		NA	10	U		NA		NA		NA
cis-1,3-Dichloropropene		NA	10	U	40	U		NA		NA
Cyclohexane		NA	10	U		NA		NA		NA
Dibromochloromethane		NA	10	U		R		NA		NA
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	U		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene		NA	10	U	40	U		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	U		NA		NA		NA
Methylcyclohexane		NA	10	U		NA		NA		NA
Methylene Chloride		NA	10	UJ	40	U		NA		NA
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene		NA	10	U	40	U		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene		NA	10	U	40	U		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene		NA	10	U	40	U		NA		NA
Total Xylenes		NA	10	U	40	U		NA		NA
trans-1,2-Dichloroethene		NA	10	U		NA		NA		NA
trans-1,3-Dichloropropene		NA	10	U	40	U		NA		NA
Trichloroethene		NA	10	U	110			NA		NA
Trichlorofluoromethane		NA	10	U		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride		NA	1	U	40	U		NA		NA
Volatile Organic Screening Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	5000			NA	670		3300		4600	
1,1-Dichloroethane	500	U		NA	100	U	250		500	U
1,1-Dichloroethene	500	U		NA	130		820		1100	
1,2-Dichloroethane	500	U		NA	100	U	200	U	500	U
Benzene	500	U		NA	100	U	200	U	500	U
Chlorobenzene	500	U		NA	100	U	200	U	500	U
cis-1,2-Dichloroethene	1300			NA	100	U	400		500	U
Ethylbenzene	500	U		NA	100	U	200	U	500	U
m&p-Xylene	500	U		NA	100	U	200	U	500	U
o-Xylene	500	U		NA	100	U	200	U	500	U
Tetrachloroethene	500	U		NA	100	U	200	U	500	U
Toluene	500	U		NA	100	U	200	U	500	U
trans-1,2-Dichloroethene	500	U		NA	100	U	200	U	500	U
Trichloroethene	500	U		NA	120		570		780	
Vinyl Chloride	500	U		NA	100	U	200	U	500	U
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U		NA		NA		NA
2,4,5-Trichlorophenol		NA	25	U		NA		NA		NA
2,4,6-Trichlorophenol		NA	10	U		NA		NA		NA
2,4-Dichlorophenol		NA	10	U		NA		NA		NA
2,4-Dimethylphenol		NA	10	U		NA		NA		NA
2,4-Dinitrophenol		NA	25	U		NA		NA		NA
2,4-Dinitrotoluene		NA	100	U		NA		NA		NA
2,6-Dinitrotoluene		NA	10	U		NA		NA		NA
2-Chloronaphthalene		NA	10	U		NA		NA		NA
2-Chlorophenol		NA	100	U		NA		NA		NA
2-Methylnaphthalene		NA	10	U		NA		NA		NA
2-Methylphenol		NA	10	U		NA		NA		NA
2-Nitroaniline		NA	25	U		NA		NA		NA
2-Nitrophenol		NA	10	U		NA		NA		NA
3,3'-Dichlorobenzidine		NA	10	U		NA		NA		NA
3-Nitroaniline		NA	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA	25	U		NA		NA		NA
4-Bromophenyl-phenylether		NA	10	U		NA		NA		NA
4-Chloro-3-methylphenol		NA	100	U		NA		NA		NA
4-Chloroaniline		NA	10	U		NA		NA		NA
4-Chlorophenyl-phenylether		NA	10	U		NA		NA		NA
4-Methylphenol		NA	10	U		NA		NA		NA
4-Nitroaniline		NA	25	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA	1	J		NA		NA		NA
Acenaphthene		NA	100	U		NA		NA		NA
Acenaphthylene		NA	10	U		NA		NA		NA
Acetophenone		NA	10	U		NA		NA		NA
Anthracene		NA	10	U		NA		NA		NA
Atrazine		NA	10	U		NA		NA		NA
Benzaldehyde		NA	10	U		NA		NA		NA
Benzo(a)anthracene		NA	10	U		NA		NA		NA
Benzo(a)pyrene		NA	10	U		NA		NA		NA
Benzo(b)fluoranthene		NA	10	U		NA		NA		NA
Benzo(g,h,i)perylene		NA	10	U		NA		NA		NA
Benzo(k)fluoranthene		NA	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether		NA	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA	10	U		NA		NA		NA
Butylbenzylphthalate		NA	10	U		NA		NA		NA
Caprolactam		NA	10	U		NA		NA		NA
Carbazole		NA	10	U		NA		NA		NA
Chrysene		NA	10	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA	10	U		NA		NA		NA
Dibenzofuran		NA	10	U		NA		NA		NA
Diethylphthalate		NA	10	U		NA		NA		NA
Dimethylphthalate		NA	10	U		NA		NA		NA
Di-n-Butylphthalate		NA	10	U		NA		NA		NA
Di-n-octylphthalate		NA	10	U		NA		NA		NA
Fluoranthene		NA	10	U		NA		NA		NA
Fluorene		NA	10	U		NA		NA		NA
Hexachlorobenzene		NA	10	U		NA		NA		NA
Hexachlorobutadiene		NA	10	U		NA		NA		NA
Hexachlorocyclopentadiene		NA	10	U		NA		NA		NA
Hexachloroethane		NA	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	10	U		NA		NA		NA
Isophorone		NA	10	U		NA		NA		NA
Naphthalene		NA	10	U		NA		NA		NA
Nitrobenzene		NA	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine		NA	100	U		NA		NA		NA
N-Nitroso-diphenylamine		NA	10	U		NA		NA		NA
Pentachlorophenol		NA	250	U		NA		NA		NA
Phenanthrene		NA	10	U		NA		NA		NA
Phenol		NA	100	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA	100	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	UJ		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA	0.10	U		NA		NA		NA
4,4'-DDE		NA	0.10	U		NA		NA		NA
4,4'-DDT		NA	0.063	J		NA		NA		NA
Aldrin		NA	0.050	U		NA		NA		NA
alpha-BHC		NA	0.050	UJ		NA		NA		NA
alpha-Chlordane		NA	0.050	U		NA		NA		NA
Aroclor-1016		NA	1.0	U		NA		NA		NA
Aroclor-1221		NA	0.25	U		NA		NA		NA
Aroclor-1232		NA	1.0	U		NA		NA		NA
Aroclor-1242		NA	1.0	U		NA		NA		NA
Aroclor-1248		NA	1.0	U		NA		NA		NA
Aroclor-1254		NA	0.25	U		NA		NA		NA
Aroclor-1260		NA	0.25	U		NA		NA		NA
Aroclor-1262		NA	0.28	U		NA		NA		NA
Aroclor-1268		NA	1.0	U		NA		NA		NA
beta-BHC		NA	0.050	U		NA		NA		NA
delta-BHC		NA	0.050	UJ		NA		NA		NA
Dieldrin		NA	0.050	U		NA		NA		NA
Endosulfan I		NA	0.050	U		NA		NA		NA
Endosulfan II		NA	0.10	U		NA		NA		NA
Endosulfan Sulfate		NA	0.10	U		NA		NA		NA
Endrin		NA	0.050	U		NA		NA		NA
Endrin Aldehyde		NA	0.10	U		NA		NA		NA
Endrin Ketone		NA	0.10	U		NA		NA		NA
gamma-BHC		NA	0.050	UJ		NA		NA		NA
gamma-Chlordane		NA	0.050	U		NA		NA		NA
Heptachlor		NA	0.020	U		NA		NA		NA
Heptachlor Epoxide		NA	0.020	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA	0.50	U		NA		NA		NA
Toxaphene		NA	5.0	U		NA		NA		NA
Dioxin Analysis (pg/L)										
1,2,3,4,6,7,8-HpCDD		NA	2.5	U		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA	1.4	U		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA	1.9	UJ		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA	1.4	U		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA	1.0	U		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA	1.3	U		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA	1.0	U		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA	1.4	U		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA	1.2	UJ		NA		NA		NA
1,2,3,7,8-PeCDD		NA	2.1	U		NA		NA		NA
1,2,3,7,8-PeCDF		NA	0.90	UJ		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA	1.0	U		NA		NA		NA
2,3,4,7,8-PeCDF		NA	1.1	UJ		NA		NA		NA
2,3,7,8-TCDD		NA	1.7	UJ		NA		NA		NA
2,3,7,8-TCDF		NA	1.4	U		NA		NA		NA
OCDD		NA	4.7	U		NA		NA		NA
OCDF		NA	3.5	U		NA		NA		NA
Total HpCDD		NA	2.5	UJ		NA		NA		NA
Total HpCDF		NA	1.6	UJ		NA		NA		NA
Total HxCDD		NA	1.4	UJ		NA		NA		NA
Total HxCDF		NA	1.0	UJ		NA		NA		NA
Total PeCDD		NA	2.1	UJ		NA		NA		NA
Total PeCDF		NA	1.0	UJ		NA		NA		NA
Total TCDD		NA	1.7	UJ		NA		NA		NA
Total TCDF		NA	1.4	UJ		NA		NA		NA
Toxicity Equivalency		NA	0.00	UJ		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA	4820		103	U		NA		NA
Antimony		NA	4.2	U		R		NA		NA
Arsenic		NA	2.9	U		R		NA		NA
Barium		NA	31.3		84.3	U		NA		NA
Beryllium		NA	0.70	J	0.10	U		NA		NA
Cadmium		NA	2.9	U	0.41	UJ		NA		NA
Calcium		NA	65400		51600			NA		NA
Chromium		NA	2.2	J	0.60	U		NA		NA
Cobalt		NA	41.9		2.0	J		NA		NA
Copper		NA	32.3		67.0	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-4A-4550		OU2-MW-4M(MW-4D)-07		OU2-DP4-5C-1419		OU2-DP4-5C-2429		OU2-DP4-5C-3439	
Sample Location	DP4-4A		MW-4M(MW-4D)		DP4-5C		DP4-5C		DP4-5C	
Date Sampled	8/8/1997		7/23/2003		8/6/1997		8/6/1997		8/6/1997	
Interval	45.0-50.0		0.0-0.0		14.0-19.0		24.0-29.0		34.0-39.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA	3970		1720			NA		NA
Lead		NA	3.8	UJ	29.7	UJ		NA		NA
Magnesium		NA	24200		7330			NA		NA
Manganese		NA	4350		180			NA		NA
Mercury		NA	0.10	U	0.10	UJ		NA		NA
Nickel		NA	93.6		3.6	U		NA		NA
Potassium		NA	1960		8710			NA		NA
Selenium		NA	3.6	UJ		R		NA		NA
Silver		NA	2.4	UJ	0.80	U		NA		NA
Sodium		NA	87700		161000			NA		NA
Thallium		NA	5.7	J	3.4	U		NA		NA
Vanadium		NA	2.6	J	1.5	U		NA		NA
Zinc		NA	917		64.5	U		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA	2.0	U		NA		NA		NA
Carbon Dioxide		NA	2.0	U		NA		NA		NA
Chloride		NA	134			NA		NA		NA
Nitrate		NA	1.1			NA		NA		NA
Nitrite-N		NA	0.050	U		NA		NA		NA
Sulfate		NA	244			NA		NA		NA
Sulfide		NA	0.50	U		NA		NA		NA
Total Organic Carbon		NA	9.05			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA	1400			NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA	100	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA	100	U		NA		NA		NA
1,1-Dichloroethane		NA		NA	160			NA		NA		NA
1,1-Dichloroethene		NA		NA	480			NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA	100	U		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA	240			NA		NA		NA
1,2-Dichloropropane		NA		NA	100	U		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA	100	U		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA	100	U		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA	100	UJ		NA		NA		NA
Acetone		NA		NA	100	U		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA	100	U		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA	100	U		NA		NA		NA
Bromoform		NA		NA		R		NA		NA		NA
Bromomethane		NA		NA	100	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA	100	U		NA		NA		NA
Carbon Tetrachloride		NA		NA	100	U		NA		NA		NA
Chlorobenzene		NA		NA	100	U		NA		NA		NA
Chloroethane		NA		NA	100	UJ		NA		NA		NA
Chloroform		NA		NA	100	U		NA		NA		NA
Chloromethane		NA		NA	100	UJ		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA	100	U		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		R		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA	100	U		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA	100	U		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA	100	U		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA	100	U		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA	100	U		NA		NA		NA
Total Xylenes		NA		NA	100	U		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA	100	U		NA		NA		NA
Trichloroethene		NA		NA	240			NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA	100	U		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	7850		10000		1200		450		1	U	1	U
1,1-Dichloroethane	1000	U	1000	U	100		100	U	5.3		1	U
1,1-Dichloroethene	2500		3900		390		120		1	U	1	U
1,2-Dichloroethane	1000	U	1000	U	50	U	100	U	1	U	1	U
Benzene	1000	U	1000	U	50	U	100	U	1	U	1	U
Chlorobenzene	1000	U	1000	U	50	U	100	U	1	U	1	U
cis-1,2-Dichloroethene	1000	U	1800		170		100	U	2		1	U
Ethylbenzene	1000	U	1000	U	50	U	100	U	1	U	1	U
m&p-Xylene	1000	U	1000	U	50	U	100	U	1	U	1	U
o-Xylene	1000	U	1000	U	50	U	100	U	1	U	1	U
Tetrachloroethene	1000	U	1000	U	50	U	100	U	1	U	1	U
Toluene	1000	U	1000	U	50	U	100	U	1	U	1	U
trans-1,2-Dichloroethene	1000	U	1000	U	50	U	100	U	1	U	1	U
Trichloroethene	1400		5200		250		100	U	1	U	1	U
Vinyl Chloride	1000	U	1000	U	50	U	100	U	3.5		1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA	52.0	U		NA		NA		NA
Antimony		NA		NA	4.7	U		NA		NA		NA
Arsenic		NA		NA	2.0	U		NA		NA		NA
Barium		NA		NA	72.8	U		NA		NA		NA
Beryllium		NA		NA	0.10	U		NA		NA		NA
Cadmium		NA		NA	0.30	U		NA		NA		NA
Calcium		NA		NA	31700			NA		NA		NA
Chromium		NA		NA	0.60	U		NA		NA		NA
Cobalt		NA		NA	2.1	J		NA		NA		NA
Copper		NA		NA	20.8	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP4-5C-4449-AVG		OU2-DP4-5C-5459		OU2-DP4-7-1823		OU2-DP4-9-2126		OU2-DP5-1-1419		OU2-DP5-1-2429	
Sample Location	DP4-5C		DP4-5C		DP4-7		DP4-9		DP5-1		DP5-1	
Date Sampled	8/6/1997		8/6/1997		8/6/1997		8/14/1997		8/7/1997		8/7/1997	
Interval	44.0-49.0		54.0-59.0		18.0-23.0		21.0-26.0		14.0-19.0		24.0-29.0	
QC Identifier	Field Dup. (D6s)		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA	868			NA		NA		NA
Lead		NA		NA	24.0	UJ		NA		NA		NA
Magnesium		NA		NA	14800			NA		NA		NA
Manganese		NA		NA	194			NA		NA		NA
Mercury		NA		NA	0.10	UJ		NA		NA		NA
Nickel		NA		NA	5.4	J		NA		NA		NA
Potassium		NA		NA	5250			NA		NA		NA
Selenium		NA		NA		R		NA		NA		NA
Silver		NA		NA	0.80	U		NA		NA		NA
Sodium		NA		NA	94000			NA		NA		NA
Thallium		NA		NA	3.4	U		NA		NA		NA
Vanadium		NA		NA	1.5	U		NA		NA		NA
Zinc		NA		NA	37.8	U		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	200	U	780		3400		3100		1.6	
1,1-Dichloroethane	1	U	1900		660		310		270		1	U
1,1-Dichloroethene	1	U	200	U	280		370		420		1	U
1,2-Dichloroethane	1	U	200	U	100	U	200	U	200	U	1	U
Benzene	1	U	200	U	220		200	U	200	U	1	U
Chlorobenzene	1	U	200	U	100	U	200	U	200	U	1	U
cis-1,2-Dichloroethene	1	U	340		520		590		510		1	U
Ethylbenzene	1	U	200	U	100	U	200	U	200	U	1	U
m&p-Xylene	1	U	200	U	100	U	200	U	200	U	1	U
o-Xylene	1	U	200	U	100	U	200	U	200	U	1	U
Tetrachloroethene	1	U	200	U	100	U	200	U	200	U	1	U
Toluene	1	U	200	U	100	U	200	U	200	U	1	U
trans-1,2-Dichloroethene	1	U	200	U	100	U	200	U	200	U	1	U
Trichloroethene	1	U	200	U	100	U	200	U	200	U	1	U
Vinyl Chloride	1	U	200	U	100	U	200	U	200	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-1-2833		OU2-DP5A-1-0510		OU2-DP5A-1-1520		OU2-DP5A-1-2631		OU2-DP5A-1-3540		OU2-DP5-2-1419	
Sample Location	DP5-1		DP5A-1		DP5A-1		DP5A-1		DP5A-1		DP5-2	
Date Sampled	8/8/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/7/1997	
Interval	28.0-33.0		5.0-10.0		15.0-20.0		26.0-31.0		35.0-40.0		14.0-19.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1	U	50	U	490		3000		2700	
1,1-Dichloroethane	1	U	1	U	120		50	U	1000	U	1000	U
1,1-Dichloroethene	1	U	1	U	50	U	99		1300		1000	U
1,2-Dichloroethane	1	U	1	U	50	U	50	U	1000	U	1000	U
Benzene	1	U	1	U	50	U	50	U	1000	U	1000	U
Chlorobenzene	1	U	1	U	50	U	50	U	1000	U	1000	U
cis-1,2-Dichloroethene	1	U	1	U	720		130		1000	U	1000	U
Ethylbenzene	1	U	1	U	50	U	50	U	1000	U	1000	U
m&p-Xylene	1	U	1	U	50	U	50	U	1000	U	1000	U
o-Xylene	1	U	1	U	50	U	50	U	1000	U	1000	U
Tetrachloroethene	1	U	1	U	50	U	50	U	1000	U	1000	U
Toluene	1	U	1	U	50	U	50	U	1000	U	1000	U
trans-1,2-Dichloroethene	1	U	1	U	50	U	50	U	1000	U	1000	U
Trichloroethene	1	U	1	U	50	U	99		1000	U	1000	U
Vinyl Chloride	1	U	1	U	50	U	50	U	1000	U	1000	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-2-2429		OU2-DP5-2-3439-AVG		OU2-DP5-2-5459		OU2-DP5-2-6469		OU2-DP5-2-7479		OU2-DP5-2-8489	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5-2	
Date Sampled	8/7/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997		8/8/1997	
Interval	24.0-29.0		34.0-39.0		54.0-59.0		64.0-69.0		74.0-79.0		84.0-89.0	
QC Identifier	None		Field Dup. (D7s)		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	2000			NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	160	U		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	160	U		NA		NA		NA		NA		NA
1,1-Dichloroethane	210			NA		NA		NA		NA		NA
1,1-Dichloroethene	170			NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	160	U		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	540			NA		NA		NA		NA		NA
1,2-Dichloropropane	160	U		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	160	U		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	160	UJ		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	160	UJ		NA		NA		NA		NA		NA
Acetone	160	U		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	160	U		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	160	U		NA		NA		NA		NA		NA
Bromoform		R		NA		NA		NA		NA		NA
Bromomethane	160	U		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	160	U		NA		NA		NA		NA		NA
Carbon Tetrachloride	160	U		NA		NA		NA		NA		NA
Chlorobenzene	160	U		NA		NA		NA		NA		NA
Chloroethane	160	UJ		NA		NA		NA		NA		NA
Chloroform	160	U		NA		NA		NA		NA		NA
Chloromethane	160	UJ		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	160	U		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		R		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	160	U		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	160	U		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	160	U		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	160	U		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	160	U		NA		NA		NA		NA		NA
Total Xylenes	160	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	160	U		NA		NA		NA		NA		NA
Trichloroethene	130	J		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	160	U		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	3100		5800		9300		17000		14000		1000	U
1,1-Dichloroethane	500	U	500	U	500	U	1000	U	1000	U	1000	U
1,1-Dichloroethene	500	U	570		3300		8100		6200		1000	U
1,2-Dichloroethane	500	U	500	U	500	U	1000	U	1000	U	1000	U
Benzene	500	U	500	U	500	U	1000	U	1000	U	9600	
Chlorobenzene	500	U	500	U	500	U	1000	U	1000	U	1000	U
cis-1,2-Dichloroethene	520		620		500	U	1000	U	1000	U	1000	U
Ethylbenzene	500	U	500	U	500	U	1000	U	1000	U	1000	U
m&p-Xylene	500	U	500	U	500	U	1000	U	1000	U	1000	U
o-Xylene	500	U	500	U	500	U	1000	U	1000	U	1000	U
Tetrachloroethene	500	U	500	U	500	U	1000	U	1000	U	1000	U
Toluene	500	U	500	U	500	U	1000	U	1000	U	5800	
trans-1,2-Dichloroethene	500	U	500	U	500	U	1000	U	1000	U	1000	U
Trichloroethene	500	U	500	U	1100		1400		1400		1000	U
Vinyl Chloride	500	U	500	U	500	U	1000	U	1000	U	1000	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	44.4	U		NA		NA		NA		NA		NA
Antimony	4.7	U		NA		NA		NA		NA		NA
Arsenic	2.0	U		NA		NA		NA		NA		NA
Barium	97.0	U		NA		NA		NA		NA		NA
Beryllium	0.10	U		NA		NA		NA		NA		NA
Cadmium	0.78			NA		NA		NA		NA		NA
Calcium	31300			NA		NA		NA		NA		NA
Chromium	0.60	U		NA		NA		NA		NA		NA
Cobalt	13.4			NA		NA		NA		NA		NA
Copper	9.2	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP5-2-9499		OU2-DP5-2-104109		OU2-DP5-2-114119		OU2-DP5-2-124129		OU2-DP5-2-134139		OU2-DP5A-2-0510	
Sample Location	DP5-2		DP5-2		DP5-2		DP5-2		DP5-2		DP5A-2	
Date Sampled	8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/4/1997	
Interval	94.0-99.0		104.0-109.0		114.0-119.0		124.0-129.0		134.0-139.0		5.0-10.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron	1970			NA		NA		NA		NA		NA
Lead	13.6	UJ		NA		NA		NA		NA		NA
Magnesium	20900			NA		NA		NA		NA		NA
Manganese	5660			NA		NA		NA		NA		NA
Mercury	0.10	UJ		NA		NA		NA		NA		NA
Nickel	13.9			NA		NA		NA		NA		NA
Potassium	5030			NA		NA		NA		NA		NA
Selenium		R		NA		NA		NA		NA		NA
Silver	0.80	U		NA		NA		NA		NA		NA
Sodium	100000			NA		NA		NA		NA		NA
Thallium	3.4	U		NA		NA		NA		NA		NA
Vanadium	1.5	U		NA		NA		NA		NA		NA
Zinc	50.5	U		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	200	U		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	200	U		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	200	U		NA		NA		NA		NA	
1,1-Dichloroethane	200	U		NA		NA		NA		NA	
1,1-Dichloroethene	200	U		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane	200	U		NA		NA		NA		NA	
1,2-Dichloroethene (total)	200	U		NA		NA		NA		NA	
1,2-Dichloropropane	200	U		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	200	U		NA		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	200	U		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	200	U		NA		NA		NA		NA	
Acetone	200	U		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	2500	J		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	200	U		NA		NA		NA		NA	
Bromoform		R		NA		NA		NA		NA	
Bromomethane	200	U		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide	200	U		NA		NA		NA		NA	
Carbon Tetrachloride	200	U		NA		NA		NA		NA	
Chlorobenzene	200	UJ		NA		NA		NA		NA	
Chloroethane	200	UJ		NA		NA		NA		NA	
Chloroform	200	U		NA		NA		NA		NA	
Chloromethane	200	U		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	200	U		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		R		NA		NA		NA		NA	
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	200	UJ		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride	200	U		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	200	UJ		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	200	U		NA		NA		NA		NA	
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	110	J		NA		NA		NA		NA	
Total Xylenes	200	UJ		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	200	U		NA		NA		NA		NA	
Trichloroethene	200	U		NA		NA		NA		NA	
Trichlorofluoromethane		NA		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	200	U		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane	1000	U	1000	U	100	U	100	U	16		50
1,1-Dichloroethane	1000	U	1000	U	100	U	100	U	68		50
1,1-Dichloroethene	1000	U	1000	U	100	U	100	U	10	U	50
1,2-Dichloroethane	1000	U	1000	U	100	U	100	U	10	U	50
Benzene	3400		4300		1500		100	U	68		50
Chlorobenzene	1000	U	1000	U	100	U	100	U	43		100
cis-1,2-Dichloroethene	1000	U	1000	U	100	U	100	U	29		400
Ethylbenzene	1000	U	1000	U	100	U	100	U	10	U	50
m&p-Xylene	1000	U	1000	U	100	U	100	U	10	U	50
o-Xylene	1000	U	1000	U	100	U	100	U	10	U	50
Tetrachloroethene	1000	U	1000	U	100	U	100	U	10	U	50
Toluene	1000	U	1000	U	100	U	100	U	10	U	50
trans-1,2-Dichloroethene	1000	U	1000	U	100	U	100	U	10	U	50
Trichloroethene	1000	U	1000	U	100	U	100	U	10	U	50
Vinyl Chloride	1000	U	1000	U	100	U	120		50		270
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Nitrophenol		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Pyrene		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methoxychlor		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum	80.4	UJ		NA		NA		NA		NA	
Antimony		R		NA		NA		NA		NA	
Arsenic	38.9	J		NA		NA		NA		NA	
Barium	142	UJ		NA		NA		NA		NA	
Beryllium	0.10	UJ		NA		NA		NA		NA	
Cadmium	0.30	UJ		NA		NA		NA		NA	
Calcium	16700	J		NA		NA		NA		NA	
Chromium	0.60	UJ		NA		NA		NA		NA	
Cobalt	1.4	UJ		NA		NA		NA		NA	
Copper	20.0	UJ		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5A-2-1520		OU2-DP5A-2-2025		OU2-DP5A-2A-2530		OU2-DP5A-3A-1419		OU2-DP5A-3A-2530		OU2-DP5A-3A-3439
Sample Location	DP5A-2		DP5A-2		DP5A-2A		DP5A-3A		DP5A-3A		DP5A-3A
Date Sampled	8/4/1997		8/4/1997		8/4/1997		8/1/1997		8/4/1997		8/4/1997
Interval	15.0-20.0		20.0-25.0		25.0-30.0		14.0-19.0		25.0-30.0		34.0-39.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Iron	5430	J		NA		NA		NA		NA	
Lead	20.8	UJ		NA		NA		NA		NA	
Magnesium	6730	J		NA		NA		NA		NA	
Manganese	114	J		NA		NA		NA		NA	
Mercury	0.10	UJ		NA		NA		NA		NA	
Nickel	3.6	UJ		NA		NA		NA		NA	
Potassium	13000	J		NA		NA		NA		NA	
Selenium		R		NA		NA		NA		NA	
Silver	0.80	UJ		NA		NA		NA		NA	
Sodium	569000	J		NA		NA		NA		NA	
Thallium	3.4	UJ		NA		NA		NA		NA	
Vanadium	1.5	UJ		NA		NA		NA		NA	
Zinc	49.8	UJ		NA		NA		NA		NA	
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dioxane	NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Chlorotoluene	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Acrolein	NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Dibromomethane	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA	
Methylcyclohexane	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
tert-Butylbenzene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA	
Vinyl Acetate	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane	U	200	U	5000		8700		6600		7400		200
1,1-Dichloroethane	U	200	U	3000		1600		970		1400		200
1,1-Dichloroethene	U	200	U	450		500		500	U	560		200
1,2-Dichloroethane	U	200	U	250	U	500	U	500	U	500	U	200
Benzene	U	200	U	3200		500	U	500	U	500	U	200
Chlorobenzene		200	U	250	U	500	U	500	U	500	U	200
cis-1,2-Dichloroethene		740		880		1200		1100		1100		700
Ethylbenzene	U	200	U	250	U	500	U	500	U	500	U	200
m&p-Xylene	U	200	U	250	U	500	U	500	U	500	U	200
o-Xylene	U	200	U	250	U	500	U	500	U	500	U	200
Tetrachloroethene	U	200	U	250	U	500	U	500	U	500	U	200
Toluene	U	200	U	250	U	500	U	500	U	500	U	200
trans-1,2-Dichloroethene	U	200	U	250	U	500	U	500	U	500	U	200
Trichloroethene	U	890		250	U	500	U	500	U	500	U	200
Vinyl Chloride		250		250	U	500	U	500	U	500	U	200
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA	
2-Chlorophenol	NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
2-Methylphenol	NA		NA		NA		NA		NA		NA	
2-Nitroaniline	NA		NA		NA		NA		NA		NA	
2-Nitrophenol	NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA	
3-Nitroaniline	NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA	
4-Chloroaniline	NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA	
4-Methylphenol	NA		NA		NA		NA		NA		NA	
4-Nitroaniline	NA		NA		NA		NA		NA		NA	

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Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Nitrophenol	NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Acetophenone	NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA	
Atrazine	NA		NA		NA		NA		NA		NA	
Benzaldehyde	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA	
Caprolactam	NA		NA		NA		NA		NA		NA	
Carbazole	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	
Dibenzofuran	NA		NA		NA		NA		NA		NA	
Diethylphthalate	NA		NA		NA		NA		NA		NA	
Dimethylphthalate	NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA	
Hexachlorobenzene	NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA	
Hexachloroethane	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	
Isophorone	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
Nitrobenzene	NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA	
Pentachlorophenol	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Phenol	NA		NA		NA		NA		NA		NA	

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Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Pyrene	NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	NA		NA		NA		NA		NA		NA	
4,4'-DDE	NA		NA		NA		NA		NA		NA	
4,4'-DDT	NA		NA		NA		NA		NA		NA	
Aldrin	NA		NA		NA		NA		NA		NA	
alpha-BHC	NA		NA		NA		NA		NA		NA	
alpha-Chlordane	NA		NA		NA		NA		NA		NA	
Aroclor-1016	NA		NA		NA		NA		NA		NA	
Aroclor-1221	NA		NA		NA		NA		NA		NA	
Aroclor-1232	NA		NA		NA		NA		NA		NA	
Aroclor-1242	NA		NA		NA		NA		NA		NA	
Aroclor-1248	NA		NA		NA		NA		NA		NA	
Aroclor-1254	NA		NA		NA		NA		NA		NA	
Aroclor-1260	NA		NA		NA		NA		NA		NA	
Aroclor-1262	NA		NA		NA		NA		NA		NA	
Aroclor-1268	NA		NA		NA		NA		NA		NA	
beta-BHC	NA		NA		NA		NA		NA		NA	
delta-BHC	NA		NA		NA		NA		NA		NA	
Dieldrin	NA		NA		NA		NA		NA		NA	
Endosulfan I	NA		NA		NA		NA		NA		NA	
Endosulfan II	NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA	
Endrin	NA		NA		NA		NA		NA		NA	
Endrin Aldehyde	NA		NA		NA		NA		NA		NA	
Endrin Ketone	NA		NA		NA		NA		NA		NA	
gamma-BHC	NA		NA		NA		NA		NA		NA	
gamma-Chlordane	NA		NA		NA		NA		NA		NA	
Heptachlor	NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methoxychlor	NA		NA		NA		NA		NA		NA	
Toxaphene	NA		NA		NA		NA		NA		NA	
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA	
OCDD	NA		NA		NA		NA		NA		NA	
OCDF	NA		NA		NA		NA		NA		NA	
Total HpCDD	NA		NA		NA		NA		NA		NA	
Total HpCDF	NA		NA		NA		NA		NA		NA	
Total HxCDD	NA		NA		NA		NA		NA		NA	
Total HxCDF	NA		NA		NA		NA		NA		NA	
Total PeCDD	NA		NA		NA		NA		NA		NA	
Total PeCDF	NA		NA		NA		NA		NA		NA	
Total TCDD	NA		NA		NA		NA		NA		NA	
Total TCDF	NA		NA		NA		NA		NA		NA	
Toxicity Equivalency	NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	NA		NA		NA		NA		NA		NA	
Antimony	NA		NA		NA		NA		NA		NA	
Arsenic	NA		NA		NA		NA		NA		NA	
Barium	NA		NA		NA		NA		NA		NA	
Beryllium	NA		NA		NA		NA		NA		NA	
Cadmium	NA		NA		NA		NA		NA		NA	
Calcium	NA		NA		NA		NA		NA		NA	
Chromium	NA		NA		NA		NA		NA		NA	
Cobalt	NA		NA		NA		NA		NA		NA	
Copper	NA		NA		NA		NA		NA		NA	

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Sample Number		OU2-DP5A-3A-4550		OU2-DP5-4-0914		OU2-DP5-4-2025		OU2-DP5-4-3035		OU2-DP5-4-4045		OU2-DP5A-4A-0914
Sample Location		DP5A-3A		DP5-4		DP5-4		DP5-4		DP5-4		DP5A-4A
Date Sampled		8/4/1997		8/7/1997		8/7/1997		8/7/1997		8/7/1997		8/1/1997
Interval		45.0-50.0		9.0-14.0		20.0-25.0		30.0-35.0		40.0-45.0		9.0-14.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Iron	NA		NA		NA		NA		NA		NA	
Lead	NA		NA		NA		NA		NA		NA	
Magnesium	NA		NA		NA		NA		NA		NA	
Manganese	NA		NA		NA		NA		NA		NA	
Mercury	NA		NA		NA		NA		NA		NA	
Nickel	NA		NA		NA		NA		NA		NA	
Potassium	NA		NA		NA		NA		NA		NA	
Selenium	NA		NA		NA		NA		NA		NA	
Silver	NA		NA		NA		NA		NA		NA	
Sodium	NA		NA		NA		NA		NA		NA	
Thallium	NA		NA		NA		NA		NA		NA	
Vanadium	NA		NA		NA		NA		NA		NA	
Zinc	NA		NA		NA		NA		NA		NA	
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA		NA		NA	
Carbon Dioxide	NA		NA		NA		NA		NA		NA	
Chloride	NA		NA		NA		NA		NA		NA	
Nitrate	NA		NA		NA		NA		NA		NA	
Nitrite-N	NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA		NA		NA	
Sulfide	NA		NA		NA		NA		NA		NA	
Total Organic Carbon	NA		NA		NA		NA		NA		NA	

Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	U	41		1	U	3500		2200		9200		10000	
1,1-Dichloroethane	U	13		1	U	1000	U	500	U	500	U	500	U
1,1-Dichloroethene	U	5.9		1	U	1000	U	500	U	950		1200	
1,2-Dichloroethane	U	2	U	1	U	1000	U	500	U	500	U	500	U
Benzene	U	2	U	1	U	1000	U	500	U	500	U	500	U
Chlorobenzene	U	2	U	1	U	1000	U	500	U	500	U	500	U
cis-1,2-Dichloroethene		8.4		1	U	1000	U	520		1300		1300	
Ethylbenzene	U	2	U	1	U	1000	U	500	U	500	U	500	U
m&p-Xylene	U	2	U	1	U	1000	U	500	U	500	U	500	U
o-Xylene	U	2	U	1	U	1000	U	500	U	500	U	500	U
Tetrachloroethene	U	2	U	1	U	1000	U	500	U	500	U	500	U
Toluene	U	2	U	1	U	1000	U	500	U	500	U	500	U
trans-1,2-Dichloroethene	U	2	U	1	U	1000	U	500	U	500	U	500	U
Trichloroethene	U	2.5		1	U	1000	U	500	U	500	U	500	U
Vinyl Chloride	U	2	U	1	U	1000	U	500	U	500	U	500	U
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA

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Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	NA		NA		NA		NA		NA		NA		NA
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium	NA		NA		NA		NA		NA		NA		NA
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	NA		NA		NA		NA		NA		NA		NA
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper	NA		NA		NA		NA		NA		NA		NA

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Sample Number		OU2-DP5-5-1520		OU2-DP5-5-2530		OU2-DP5-5-3439		OU2-DP5-5-4550		OU2-DP5-5-5560		OU2-DP5-5-6671	
Sample Location		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5		DP5-5	
Date Sampled		8/8/1997		8/8/1997		8/8/1997		8/11/1997		8/11/1997		8/11/1997	
Interval		15.0-20.0		25.0-30.0		34.0-39.0		45.0-50.0		55.0-60.0		66.0-71.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron	NA		NA		NA		NA		NA		NA		NA
Lead	NA		NA		NA		NA		NA		NA		NA
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel	NA		NA		NA		NA		NA		NA		NA
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA
Thallium	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc	NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												

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Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	9200		9400		1	U	1	U	1	U	1	U
1,1-Dichloroethane	500	U	500	U	1.1		1	U	1	U	1	U
1,1-Dichloroethene	890		760		1	U	1	U	1	U	1	U
1,2-Dichloroethane	500	U	500	U	1	U	1	U	1	U	1	U
Benzene	500	U	500	U	1	U	1	U	1	U	1.2	
Chlorobenzene	500	U	500	U	1	U	1	U	11		1	U
cis-1,2-Dichloroethene	1200		1200		1	U	1	U	1	U	1	U
Ethylbenzene	500	U	500	U	1	U	1	U	1	U	1	U
m&p-Xylene	500	U	500	U	1	U	1	U	1	U	1	U
o-Xylene	500	U	500	U	1	U	1	U	1	U	1	U
Tetrachloroethene	500	U	500	U	1	U	1	U	1	U	1	U
Toluene	500	U	500	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	500	U	500	U	1	U	1	U	1	U	1	U
Trichloroethene	500	U	500	U	1	U	1	U	1	U	1	U
Vinyl Chloride	500	U	500	U	1	U	1	U	1	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP5-5-7580		OU2-DP5-5-8590		OU2-DP5-6-1520		OU2-DP5-6-2530		OU2-DP5-6-3338		OU2-DP6-1-1116	
Sample Location	DP5-5		DP5-5		DP5-6		DP5-6		DP5-6		DP6-1	
Date Sampled	8/11/1997		8/11/1997		8/7/1997		8/7/1997		8/7/1997		8/5/1997	
Interval	75.0-80.0		85.0-90.0		15.0-20.0		25.0-30.0		33.0-38.0		11.0-16.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	3.1		1	U
1,1-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Benzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
m&p-Xylene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Toluene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	1	U	1	U	1	U	1	U	1	U	1		1	U
Vinyl Chloride	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-1-2429		OU2-DP6-1-3540		OU2-DP6-2B-0409		OU2-DP6-2B-1520		OU2-DP6-2B-2530		OU2-DP6-3-0813		OU2-DP6-3-2025	
Sample Location	DP6-1		DP6-1		DP6-2B		DP6-2B		DP6-2B		DP6-3		DP6-3	
Date Sampled	8/5/1997		8/5/1997		8/6/1997		8/6/1997		8/6/1997		8/5/1997		8/5/1997	
Interval	24.0-29.0		35.0-40.0		4.0-9.0		15.0-20.0		25.0-30.0		8.0-13.0		20.0-25.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA	50	U	100	U	50	U
1,1,1-Trichloroethane		NA		NA	9.6		100	U	50	U
1,1,2,2-Tetrachloroethane		NA		NA	50	U	100	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	50	U	100	U	50	U
1,1,2-Trichloroethane		NA		NA	50	U	100	U	50	U
1,1-Dichloroethane		NA		NA	2.7		100	U	50	U
1,1-Dichloroethene		NA		NA	1.8	L	100	U	50	U
1,1-Dichloropropene		NA		NA	50	U	100	U	50	U
1,2,3-Trichlorobenzene		NA		NA	50	U	100	U	50	U
1,2,3-Trichloropropane		NA		NA	50	U	100	U	50	U
1,2,4-Trichlorobenzene		NA		NA	50	U	100	U	50	U
1,2,4-Trimethylbenzene		NA		NA	50	U	100	U	50	U
1,2-Dibromo-3-chloropropane		NA		NA	50	U	100	U	50	U
1,2-Dibromoethane		NA		NA	50	U	100	U	50	U
1,2-Dichlorobenzene		NA		NA	50	U	100	U	50	U
1,2-Dichloroethane		NA		NA	50	U	100	U	50	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA	50	U	100	U	50	U
1,3,5-Trimethylbenzene		NA		NA	50	U	100	U	50	U
1,3-Dichlorobenzene		NA		NA	50	U	100	U	50	U
1,3-Dichloropropane		NA		NA	50	U	100	U	50	U
1,4-Dichlorobenzene		NA		NA	50	U	100	U	50	U
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA	50	U	100	U	50	U
2-Butanone		NA		NA	200	U	400	U	200	U
2-Chloroethylvinylether		NA		NA	150	U	300	U	150	U
2-Chlorotoluene		NA		NA	50	U	100	U	50	U
2-Hexanone		NA		NA	30	U	60	U	30	U
4-Chlorotoluene		NA		NA	50	U	100	U	50	U
4-Methyl-2-Pentanone		NA		NA	25	U	50	U	25	U
Acetone		NA		NA	100	U	200	U	100	U
Acrolein		NA		NA	500	U	1000	U	500	U
Acrylonitrile		NA		NA	250	U	500	U	250	U
Benzene		NA		NA	4.2		100	U	50	U
Bromobenzene		NA		NA	50	U	100	U	50	U
Bromochloromethane		NA		NA	50	U	100	U	50	U
Bromodichloromethane		NA		NA	50	U	100	U	50	U
Bromoform		NA		NA	50	U	100	U	50	U
Bromomethane		NA		NA	1.8	BL	100	U	50	U

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Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA	150	U	300	U	150	U
Carbon Tetrachloride		NA		NA	50	U	100	U	50	U
Chlorobenzene		NA		NA	160		100	U	50	U
Chloroethane		NA		NA	50	U	100	U	50	U
Chloroform		NA		NA	50	U	100	U	50	U
Chloromethane		NA		NA	50	U	100	U	50	U
cis-1,2-Dichloroethene		NA		NA	2.1		100	U	50	U
cis-1,3-Dichloropropene		NA		NA	50	U	100	U	50	U
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA	50	U	100	U	50	U
Dibromomethane		NA		NA	50	U	100	U	50	U
Dichlorodifluoromethane		NA		NA	50	U	100	U	50	U
Ethyl Ether		NA		NA	150	U	300	U	150	U
Ethylbenzene		NA		NA	50	U	100	U	50	U
Hexachlorobutadiene		NA		NA	50	U	100	U	50	U
Isopropylbenzene		NA		NA	50	U	100	U	50	U
m&p-Xylene		NA		NA	100	U	200	U	100	U
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA	1500		17000		6000	
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA	50	U	100	U	50	U
Naphthalene		NA		NA	50	U	100	U	50	U
n-Butylbenzene		NA		NA	50	U	100	U	50	U
n-Propylbenzene		NA		NA	50	U	100	U	50	U
o-Xylene		NA		NA	50	U	100	U	50	U
p-Isopropyltoluene		NA		NA	50	U	100	U	50	U
sec-Butylbenzene		NA		NA	50	U	100	U	50	U
Styrene		NA		NA	50	U	100	U	50	U
tert-Butylbenzene		NA		NA	50	U	100	U	50	U
Tetrachloroethene		NA		NA	50	U	100	U	50	U
Tetrahydrofuran		NA		NA	350	U	700	U	350	U
Toluene		NA		NA	50	U	100	U	50	U
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA	50	U	100	U	50	U
trans-1,3-Dichloropropene		NA		NA	50	U	100	U	50	U
Trichloroethene		NA		NA	3.7		100	U	50	U
Trichlorofluoromethane		NA		NA	50	U	100	U	50	U
Vinyl Acetate		NA		NA	300	U	600	U	300	U
Vinyl Chloride		NA		NA	1.4	L	100	U	50	U
Volatile Organic Screening Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	1	U	1.6		9.5			NA		NA
1,1-Dichloroethane	1	U	1.6			NA		NA		NA
1,1-Dichloroethene	1	U	1	U	1			NA		NA
1,2-Dichloroethane	1	U	1	U		NA		NA		NA
Benzene	1	U	1	U	31	J		NA		NA
Chlorobenzene	1	U	1	U	105	J		NA		NA
cis-1,2-Dichloroethene	1	U	1	U	25	U		NA		NA
Ethylbenzene	1	U	1	U		NA		NA		NA
m&p-Xylene	1	U	1	U		NA		NA		NA
o-Xylene	1	U	1	U		NA		NA		NA
Tetrachloroethene	1	U	1	U	0.5	U		NA		NA
Toluene	1	U	1	U	83	J		NA		NA
trans-1,2-Dichloroethene	1	U	1	U		NA		NA		NA
Trichloroethene	1	U	1	U	3.8			NA		NA
Vinyl Chloride	1	U	1	U		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Pyrene		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (pg/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-3-3035		OU2-DP6-3-3843		RM-GW65-0017		RM-GW65-0022		RM-GW65-0027-AVG	
Sample Location	DP6-3		DP6-3		65		65		65	
Date Sampled	8/5/1997		8/5/1997		2/28/2002		2/28/2002		2/28/2002	
Interval	30.0-35.0		38.0-43.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		Field Dup. RM-GW65-0027	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	50	U	100	U	10	U	10	U		NA
1,1,1-Trichloroethane	50	U	100	U	10	U	10	U		NA
1,1,2,2-Tetrachloroethane	50	U	100	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	100	U	10	U	10	U		NA
1,1,2-Trichloroethane	50	U	100	U	10	U	10	U		NA
1,1-Dichloroethane	50	U	100	U	13		10	U		NA
1,1-Dichloroethene	50	U	100	U	10	U	10	U		NA
1,1-Dichloropropene	50	U	100	U	10	U	10	U		NA
1,2,3-Trichlorobenzene	50	U	100	U	10	U	10	U		NA
1,2,3-Trichloropropane	50	U	100	U	10	U	10	U		NA
1,2,4-Trichlorobenzene	50	U	100	U	10	U	10	U		NA
1,2,4-Trimethylbenzene	50	U	100	U	10	U	10	U		NA
1,2-Dibromo-3-chloropropane	50	U	100	U	10	U	10	U		NA
1,2-Dibromoethane	50	U	100	U	10	U	10	U		NA
1,2-Dichlorobenzene	50	U	100	U	10	U	10	U		NA
1,2-Dichloroethane	50	U	100	U	10	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	50	U	100	U	10	U	10	U		NA
1,3,5-Trimethylbenzene	50	U	100	U	10	U	10	U		NA
1,3-Dichlorobenzene	50	U	100	U	10	U	10	U		NA
1,3-Dichloropropane	50	U	100	U	10	U	10	U		NA
1,4-Dichlorobenzene	50	U	100	U	10	U	10	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	50	U	100	U	10	U	10	U		NA
2-Butanone	200	U	400	U	40	U	40	U		NA
2-Chloroethylvinylether	150	U	300	U	30	U	30	U		NA
2-Chlorotoluene	50	U	100	U	10	U	10	U		NA
2-Hexanone	30	U	60	U	6	U	6	U		NA
4-Chlorotoluene	50	U	100	U	10	U	10	U		NA
4-Methyl-2-Pentanone	25	U	50	U	5	U	5	U		NA
Acetone	100	U	200	U	20	U	55	B		NA
Acrolein	500	U	1000	U	100	U	100	U		NA
Acrylonitrile	250	U	500	U	50	U	50	U		NA
Benzene	50	U	100	U	8.9	L	48			NA
Bromobenzene	50	U	100	U	10	U	10	U		NA
Bromochloromethane	50	U	100	U	10	U	10	U		NA
Bromodichloromethane	50	U	100	U	10	U	10	U		NA
Bromoform	50	U	100	U	10	U	10	U		NA
Bromomethane	50	U	100	U	7.1	BL	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	150	U	300	U	30	U	30	U		NA
Carbon Tetrachloride	50	U	100	U	10	U	10	U		NA
Chlorobenzene	50	U	100	U	900		540			NA
Chloroethane	50	U	100	U	10	U	10	U		NA
Chloroform	50	U	100	U	10	U	10	U		NA
Chloromethane	50	U	100	U	10	U	10	U		NA
cis-1,2-Dichloroethene	50	U	100	U	6.8	L	10	U		NA
cis-1,3-Dichloropropene	50	U	100	U	10	U	10	U		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	50	U	100	U	10	U	10	U		NA
Dibromomethane	50	U	100	U	10	U	10	U		NA
Dichlorodifluoromethane	50	U	100	U	10	U	10	U		NA
Ethyl Ether	150	U	300	U	30	U	30	U		NA
Ethylbenzene	50	U	100	U	10	U	90			NA
Hexachlorobutadiene	50	U	100	U	10	U	10	U		NA
Isopropylbenzene	50	U	100	U	10	U	10	U		NA
m&p-Xylene	100	U	200	U	20	U	20	U		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	3900		8200		730		660			NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	50	U	100	U	10	U	10	U		NA
Naphthalene	50	U	100	U	10	U	31			NA
n-Butylbenzene	50	U	100	U	10	U	10	U		NA
n-Propylbenzene	50	U	100	U	10	U	22			NA
o-Xylene	50	U	100	U	10	U	10	U		NA
p-Isopropyltoluene	50	U	100	U	10	U	10	U		NA
sec-Butylbenzene	50	U	100	U	10	U	10	U		NA
Styrene	50	U	100	U	10	U	10	U		NA
tert-Butylbenzene	50	U	100	U	10	U	10	U		NA
Tetrachloroethene	50	U	100	U	10	U	10	U		NA
Tetrahydrofuran	350	U	700	U	70	U	70	U		NA
Toluene	50	U	100	U	10	U	10	U		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	50	U	100	U	10	U	10	U		NA
trans-1,3-Dichloropropene	50	U	100	U	10	U	10	U		NA
Trichloroethene	50	U	100	U	10	U	10	U		NA
Trichlorofluoromethane	50	U	100	U	10	U	10	U		NA
Vinyl Acetate	300	U	600	U	60	U	60	U		NA
Vinyl Chloride	50	U	100	U	9.2	L	10	U		NA
Low Concentration Volatile Organic Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA	10	U		NA	17	
1,1-Dichloroethane		NA		NA		NA		NA	16	
1,1-Dichloroethene		NA		NA	28	U		NA	9.8	
1,2-Dichloroethane		NA		NA		NA		NA	1	U
Benzene		NA		NA	34	J		NA	1	U
Chlorobenzene		NA		NA	930	J		NA	1	U
cis-1,2-Dichloroethene		NA		NA	28	U		NA	5.9	
Ethylbenzene		NA		NA		NA		NA	1	U
m&p-Xylene		NA		NA		NA		NA	1	U
o-Xylene		NA		NA		NA		NA	1	U
Tetrachloroethene		NA		NA	15	U		NA	1	U
Toluene		NA		NA	128	J		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	1	U
Trichloroethene		NA		NA	15	U		NA	8.7	
Vinyl Chloride		NA		NA		NA		NA	1	U
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA

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Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA

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Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA

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Sample Number	RM-GW65-0027		RM-GW-DP04		RM-GW65-0037		RM-GW65-0045		OU2-DP6-5A-1621	
Sample Location	65		65		65		65		DP6-5A	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002		8/5/1997	
Interval	0.0-27.0		0.0-27.0		0.0-37.0		0.0-45.0		16.0-21.0	
QC Identifier	Field Dup. RM-GW65-0027		Field Dup. RM-GW65-0027		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA	1	U	5	U	10	U	50	U
1,1,1-Trichloroethane		NA	230		44		190		480		2000	
1,1,2,2-Tetrachloroethane		NA	20	U	1	U	5	U	10	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	1	U	5	U	10	U	50	U
1,1,2-Trichloroethane		NA	20	U	1	U	5	U	10	U	50	U
1,1-Dichloroethane		NA	170		8.2		31		74		450	
1,1-Dichloroethene		NA	180		20		96		230		1600	
1,1-Dichloropropene		NA		NA	1	U	5	U	10	U	50	U
1,2,3-Trichlorobenzene		NA		NA	1	U	5	U	10	U	50	U
1,2,3-Trichloropropane		NA		NA	1	U	5	U	10	U	50	U
1,2,4-Trichlorobenzene		NA		NA	1	U	5	U	10	U	50	U
1,2,4-Trimethylbenzene		NA		NA	1	U	5	U	10	U	50	U
1,2-Dibromo-3-chloropropane		NA		NA	1	U	5	U	10	U	50	U
1,2-Dibromoethane		NA		NA	1	U	5	U	10	U	50	U
1,2-Dichlorobenzene		NA		NA	1	U	5	U	10	U	50	U
1,2-Dichloroethane		NA	20	U	1	U	5	U	10	U	50	U
1,2-Dichloroethene (total)		NA	140			NA		NA		NA		NA
1,2-Dichloropropane		NA	20	U	1	U	5	U	10	U	50	U
1,3,5-Trimethylbenzene		NA		NA	1	U	5	U	10	U	50	U
1,3-Dichlorobenzene		NA		NA	1	U	5	U	10	U	50	U
1,3-Dichloropropane		NA		NA	1	U	5	U	10	U	50	U
1,4-Dichlorobenzene		NA		NA	1	U	5	U	10	U	50	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA	1	U	5	U	10	U	50	U
2-Butanone		NA	20	U	4	U	20	U	40	U	200	U
2-Chloroethylvinylether		NA		NA	3	U	15	U	30	U	150	U
2-Chlorotoluene		NA		NA	1	U	5	U	10	U	50	U
2-Hexanone		NA	20	U	0.6	U	3	U	6	U	30	U
4-Chlorotoluene		NA		NA	1	U	5	U	10	U	50	U
4-Methyl-2-Pentanone		NA	20	U	0.5	U	2.5	U	5	U	25	U
Acetone		NA	20	U	2.7	BJ	18	BJ	35	BJ	87	BJ
Acrolein		NA		NA	10	U	50	U	100	U	500	U
Acrylonitrile		NA		NA	5	U	25	U	50	U	250	U
Benzene		NA	20	U	1	U	5	U	10	U	50	U
Bromobenzene		NA		NA	1	U	5	U	10	U	50	U
Bromochloromethane		NA		NA	1	U	5	U	10	U	50	U
Bromodichloromethane		NA	20	U	2.3		5	U	10	U	50	U
Bromoform		NA		R	1	U	5	U	10	U	50	U
Bromomethane		NA	20	U	1	U	5	U	10	U	50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA	20	U	3	U	15	U	30	U	150	U
Carbon Tetrachloride		NA	20	U	1	U	5	U	10	U	50	U
Chlorobenzene		NA	20	U	1	U	5	U	10	U	50	U
Chloroethane		NA	9	J	1	U	5	U	10	U	50	U
Chloroform		NA	20	U	11		5	U	10	U	50	U
Chloromethane		NA	20	UJ	1	U	5	U	10	U	50	U
cis-1,2-Dichloroethene		NA		NA	14		50		130		670	
cis-1,3-Dichloropropene		NA	20	U	1	U	5	U	10	U	50	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		R	1	U	5	U	10	U	50	U
Dibromomethane		NA		NA	1	U	5	U	10	U	50	U
Dichlorodifluoromethane		NA		NA	1	U	5	U	10	U	50	U
Ethyl Ether		NA		NA	3	U	15	U	30	U	150	U
Ethylbenzene		NA	20	U	1	U	5	U	10	U	50	U
Hexachlorobutadiene		NA		NA	1	U	5	U	10	U	50	U
Isopropylbenzene		NA		NA	1	U	5	U	10	U	50	U
m&p-Xylene		NA		NA	2	U	10	U	20	U	100	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA	0.56	L	5	U	10	U	50	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA	20	U	1	U	5	U	10	U	50	U
Naphthalene		NA		NA	1	U	5	U	10	U	50	U
n-Butylbenzene		NA		NA	1	U	5	U	10	U	50	U
n-Propylbenzene		NA		NA	1	U	5	U	10	U	50	U
o-Xylene		NA		NA	1	U	5	U	10	U	50	U
p-Isopropyltoluene		NA		NA	1	U	5	U	10	U	50	U
sec-Butylbenzene		NA		NA	1	U	5	U	10	U	50	U
Styrene		NA	20	U	1	U	5	U	10	U	50	U
tert-Butylbenzene		NA		NA	1	U	5	U	10	U	50	U
Tetrachloroethene		NA	20	U	1	U	5	U	10	U	50	U
Tetrahydrofuran		NA		NA	7	U	35	U	70	U	350	U
Toluene		NA	20	U	1	U	5	U	10	U	50	U
Total Xylenes		NA	20	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA	1	U	5	U	10	U	50	U
trans-1,3-Dichloropropene		NA	20	U	1	U	5	U	10	U	50	U
Trichloroethene		NA	53		19		72		170		990	
Trichlorofluoromethane		NA		NA	1	U	5	U	10	U	50	U
Vinyl Acetate		NA		NA	6	U	30	U	60	U	300	U
Vinyl Chloride		NA	5	J	1	U	5	U	10	U	50	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	170		230			NA		NA		NA		NA
1,1-Dichloroethane	150		180			NA		NA		NA		NA
1,1-Dichloroethene	150		190			NA		NA		NA		NA
1,2-Dichloroethane	10	U	20	U		NA		NA		NA		NA
Benzene	10	U	20	U		NA		NA		NA		NA
Chlorobenzene	10	U	20	U		NA		NA		NA		NA
cis-1,2-Dichloroethene	110		140			NA		NA		NA		NA
Ethylbenzene	10	U	20	U		NA		NA		NA		NA
m&p-Xylene	10	U	20	U		NA		NA		NA		NA
o-Xylene	10	U	20	U		NA		NA		NA		NA
Tetrachloroethene	10	U	20	U		NA		NA		NA		NA
Toluene	10	U	20	U		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	20	U		NA		NA		NA		NA
Trichloroethene	44		64			NA		NA		NA		NA
Vinyl Chloride	10	U	20	U		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-5A-2631		OU2-DP6-5A-3944		RM-GW66-0021		RM-GW66-0026		RM-GW66-0031		RM-GW66-0041	
Sample Location	DP6-5A		DP6-5A		66		66		66		66	
Date Sampled	8/5/1997		8/5/1997		3/1/2002		3/1/2002		3/1/2002		3/1/2002	
Interval	26.0-31.0		39.0-44.0		0.0-21.0		0.0-26.0		0.0-31.0		0.0-41.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA	124	U		NA		NA		NA		NA
Antimony		NA		R		NA		NA		NA		NA
Arsenic		NA		R		NA		NA		NA		NA
Barium		NA	173	U		NA		NA		NA		NA
Beryllium		NA	0.10	U		NA		NA		NA		NA
Cadmium		NA	0.30	U		NA		NA		NA		NA
Calcium		NA	94200			NA		NA		NA		NA
Chromium		NA	0.60	U		NA		NA		NA		NA
Cobalt		NA	1.6	J		NA		NA		NA		NA
Copper		NA	43.6	U		NA		NA		NA		NA
Iron		NA	2870			NA		NA		NA		NA
Lead		NA	24.5	UJ		NA		NA		NA		NA
Magnesium		NA	19400			NA		NA		NA		NA
Manganese		NA	2400			NA		NA		NA		NA
Mercury		NA	0.10	UJ		NA		NA		NA		NA
Nickel		NA	6.1	J		NA		NA		NA		NA
Potassium		NA	10300			NA		NA		NA		NA
Selenium		NA		R		NA		NA		NA		NA
Silver		NA	0.80	U		NA		NA		NA		NA
Sodium		NA	169000			NA		NA		NA		NA
Thallium		NA	3.4	U		NA		NA		NA		NA
Vanadium		NA	1.5	U		NA		NA		NA		NA
Zinc		NA	46.7	U		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	230		180		280		1600		3400	
1,1-Dichloroethane	73		55		95		200		500	U
1,1-Dichloroethene	72		53		150		430		730	
1,2-Dichloroethane	50	U	50	U	50	U	100	U	500	U
Benzene	50	U	50	U	50	U	100	U	500	U
Chlorobenzene	50	U	50	U	50	U	100	U	500	U
cis-1,2-Dichloroethene	140		89		190		390		500	U
Ethylbenzene	50	U	50	U	50	U	100	U	500	U
m&p-Xylene	50	U	50	U	50	U	100	U	500	U
o-Xylene	50	U	50	U	50	U	100	U	500	U
Tetrachloroethene	50	U	50	U	50	U	100	U	500	U
Toluene	50	U	50	U	50	U	100	U	500	U
trans-1,2-Dichloroethene	50	U	50	U	50	U	100	U	500	U
Trichloroethene	65		50	U	50	U	240		680	
Vinyl Chloride	50	U	50	U	50	U	100	U	500	U
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-6-1419		OU2-DP6-6A-2025		OU2-DP6-6A-2934		OU2-DP6-7B-1722		OU2-DP6-7B-2732	
Sample Location	DP6-6		DP6-6A		DP6-6A		DP6-7B		DP6-7B	
Date Sampled	8/5/1997		8/5/1997		8/5/1997		8/12/1997		8/12/1997	
Interval	14.0-19.0		20.0-25.0		29.0-34.0		17.0-22.0		27.0-32.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Trichlorofluoromethane		NA		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	3200		5600		1300		6000		1200		1
1,1-Dichloroethane	500	U	480		1000	U	1000	U	380		1
1,1-Dichloroethene	860		1800		1000	U	1600		580		1
1,2-Dichloroethane	500	U	250	U	1000	U	1000	U	50	U	1
Benzene	500	U	250	U	1000	U	1000	U	50	U	1
Chlorobenzene	500	U	250	U	1000	U	1000	U	50	U	1
cis-1,2-Dichloroethene	500	U	730		1000	U	1000	U	560		1
Ethylbenzene	500	U	250	U	1000	U	1000	U	50	U	1
m&p-Xylene	500	U	250	U	1000	U	1000	U	50	U	1
o-Xylene	500	U	250	U	1000	U	1000	U	50	U	1
Tetrachloroethene	500	U	250	U	1000	U	1000	U	50	U	1
Toluene	500	U	250	U	1000	U	1000	U	50	U	1
trans-1,2-Dichloroethene	500	U	250	U	1000	U	1000	U	50	U	1
Trichloroethene	500	U	1200		1000	U	1000	U	170		1
Vinyl Chloride	500	U	250	U	1000	U	1000	U	50	U	1
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nitrobenzene		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP6-7B-3742		OU2-DP6-7B-4449		OU2-DP6-8B-1217		OU2-DP6-8B-2227		OU2-DP6-9-0813		OU2-DP7-2A-0611
Sample Location	DP6-7B		DP6-7B		DP6-8B		DP6-8B		DP6-9		DP7-2A
Date Sampled	8/12/1997		8/12/1997		8/7/1997		8/7/1997		8/7/1997		8/4/1997
Interval	37.0-42.0		44.0-49.0		12.0-17.0		22.0-27.0		8.0-13.0		6.0-11.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan Sulfate		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA	
Barium		NA		NA		NA		NA		NA	
Beryllium		NA		NA		NA		NA		NA	
Cadmium		NA		NA		NA		NA		NA	
Calcium		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA		NA		NA	
Cobalt		NA		NA		NA		NA		NA	
Copper		NA		NA		NA		NA		NA	
Iron		NA		NA		NA		NA		NA	
Lead		NA		NA		NA		NA		NA	
Magnesium		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA	
Nickel		NA		NA		NA		NA		NA	
Potassium		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA	
Zinc		NA		NA		NA		NA		NA	
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	NA	10	U		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA	10	U		NA		NA		NA		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA	10	U		NA		NA		NA		NA	
1,1-Dichloroethane	NA	29			NA		NA		NA		NA	
1,1-Dichloroethene	NA	10	U		NA		NA		NA		NA	
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA	10	U		NA		NA		NA		NA	
1,2-Dichloroethene (total)	NA	38			NA		NA		NA		NA	
1,2-Dichloropropane	NA	10	U		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dioxane	NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
2-Butanone	NA	10	U		NA		NA		NA		NA	
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA	10	U		NA		NA		NA		NA	
4-Chlorotoluene	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA	10	U		NA		NA		NA		NA	
Acetone	NA	10	U		NA		NA		NA		NA	
Acrolein	NA		NA		NA		NA		NA		NA	
Acrylonitrile	NA		NA		NA		NA		NA		NA	
Benzene	NA	1	J		NA		NA		NA		NA	
Bromobenzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA	10	U		NA		NA		NA		NA	
Bromoform	NA		R		NA		NA		NA		NA	
Bromomethane	NA	10	U		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide	NA	10	U		NA		NA		NA		NA	
Carbon Tetrachloride	NA	10	U		NA		NA		NA		NA	
Chlorobenzene	NA	25			NA		NA		NA		NA	
Chloroethane	NA	10	UJ		NA		NA		NA		NA	
Chloroform	NA	10	U		NA		NA		NA		NA	
Chloromethane	NA	10	U		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA	10	U		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		R		NA		NA		NA		NA	
Dibromomethane	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA	
Ethyl Ether	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA	10	U		NA		NA		NA		NA	
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Isopropylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA	
Methylcyclohexane	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA	4	JEB		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	
n-Butylbenzene	NA		NA		NA		NA		NA		NA	
n-Propylbenzene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA	
sec-Butylbenzene	NA		NA		NA		NA		NA		NA	
Styrene	NA	10	U		NA		NA		NA		NA	
tert-Butylbenzene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA	10	U		NA		NA		NA		NA	
Tetrahydrofuran	NA		NA		NA		NA		NA		NA	
Toluene	NA	10	U		NA		NA		NA		NA	
Total Xylenes	NA	10	U		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA	10	U		NA		NA		NA		NA	
Trichloroethene	NA	10	U		NA		NA		NA		NA	
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA	
Vinyl Acetate	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA	28			NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	U	5	U	10	U	10	U	50	U	50	U	100
1,1-Dichloroethane	U	29		16		18		50	U	120		120
1,1-Dichloroethene	U	5	U	10	U	10	U	50	U	50	U	100
1,2-Dichloroethane	U	5	U	10	U	10	U	50	U	50	U	100
Benzene	U	5	U	10	U	10	U	50	U	50	U	100
Chlorobenzene	U	31		12.5		11		50	U	74		180
cis-1,2-Dichloroethene	U	35		89.5		91		130		400		1100
Ethylbenzene	U	5	U	10	U	10	U	50	U	50	U	100
m&p-Xylene	U	5	U	10	U	10	U	50	U	50	U	100
o-Xylene	U	5	U	10	U	10	U	50	U	50	U	100
Tetrachloroethene	U	5	U	10	U	10	U	50	U	50	U	100
Toluene	U	5	U	10	U	10	U	50	U	50	U	100
trans-1,2-Dichloroethene	U	5	U	10	U	10	U	50	U	50	U	100
Trichloroethene	U	5	U	10	U	10	U	50	U	50	U	1700
Vinyl Chloride	U	32		22		14		50	U	95		340
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA	
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA	
2-Chlorophenol	NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA	
2-Methylphenol	NA		NA		NA		NA		NA		NA	
2-Nitroaniline	NA		NA		NA		NA		NA		NA	
2-Nitrophenol	NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA	
3-Nitroaniline	NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA	
4-Chloroaniline	NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA	
4-Methylphenol	NA		NA		NA		NA		NA		NA	
4-Nitroaniline	NA		NA		NA		NA		NA		NA	
4-Nitrophenol	NA		NA		NA		NA		NA		NA	
Acenaphthene	NA		NA		NA		NA		NA		NA	
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Acetophenone	NA		NA		NA		NA		NA		NA	
Anthracene	NA		NA		NA		NA		NA		NA	
Atrazine	NA		NA		NA		NA		NA		NA	
Benzaldehyde	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA	
Caprolactam	NA		NA		NA		NA		NA		NA	
Carbazole	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	
Dibenzofuran	NA		NA		NA		NA		NA		NA	
Diethylphthalate	NA		NA		NA		NA		NA		NA	
Dimethylphthalate	NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA	
Fluoranthene	NA		NA		NA		NA		NA		NA	
Fluorene	NA		NA		NA		NA		NA		NA	
Hexachlorobenzene	NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA	
Hexachloroethane	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	
Isophorone	NA		NA		NA		NA		NA		NA	
Naphthalene	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nitrobenzene	NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA	
Pentachlorophenol	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Phenol	NA		NA		NA		NA		NA		NA	
Pyrene	NA		NA		NA		NA		NA		NA	
Total PAH	NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	
Chrysene	NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	
Phenanthrene	NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	NA		NA		NA		NA		NA		NA	
4,4'-DDE	NA		NA		NA		NA		NA		NA	
4,4'-DDT	NA		NA		NA		NA		NA		NA	
Aldrin	NA		NA		NA		NA		NA		NA	
alpha-BHC	NA		NA		NA		NA		NA		NA	
alpha-Chlordane	NA		NA		NA		NA		NA		NA	
Aroclor, Total	NA		NA		NA		NA		NA		NA	
Aroclor-1016	NA		NA		NA		NA		NA		NA	
Aroclor-1221	NA		NA		NA		NA		NA		NA	
Aroclor-1232	NA		NA		NA		NA		NA		NA	
Aroclor-1242	NA		NA		NA		NA		NA		NA	
Aroclor-1248	NA		NA		NA		NA		NA		NA	
Aroclor-1254	NA		NA		NA		NA		NA		NA	
Aroclor-1260	NA		NA		NA		NA		NA		NA	
Aroclor-1262	NA		NA		NA		NA		NA		NA	
Aroclor-1268	NA		NA		NA		NA		NA		NA	
beta-BHC	NA		NA		NA		NA		NA		NA	
delta-BHC	NA		NA		NA		NA		NA		NA	
Dieldrin	NA		NA		NA		NA		NA		NA	
Endosulfan I	NA		NA		NA		NA		NA		NA	
Endosulfan II	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-4-0712		OU2-DP7-4-1722-AVG		OU2-DP7-4-2732		OU2-DP7-4-3742		OU2-DP7-4-4752		OU2-DP7-4-5762
Sample Location		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4		DP7-4
Date Sampled		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997		8/4/1997
Interval		7.0-12.0		17.0-22.0		27.0-32.0		37.0-42.0		47.0-52.0		57.0-62.0
QC Identifier		None		Field Dup. (D4s)		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA	
Endrin	NA		NA		NA		NA		NA		NA	
Endrin Aldehyde	NA		NA		NA		NA		NA		NA	
Endrin Ketone	NA		NA		NA		NA		NA		NA	
gamma-BHC	NA		NA		NA		NA		NA		NA	
gamma-Chlordane	NA		NA		NA		NA		NA		NA	
Heptachlor	NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA	
Methoxychlor	NA		NA		NA		NA		NA		NA	
Toxaphene	NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	NA	2720	J		NA		NA		NA		NA	
Antimony	NA		R		NA		NA		NA		NA	
Arsenic	NA		R		NA		NA		NA		NA	
Barium	NA	352	UJ		NA		NA		NA		NA	
Beryllium	NA	0.11	J		NA		NA		NA		NA	
Cadmium	NA	1.4	UJ		NA		NA		NA		NA	
Calcium	NA	93100	J		NA		NA		NA		NA	
Chromium	NA	2.0	J		NA		NA		NA		NA	
Cobalt	NA	4.7	J		NA		NA		NA		NA	
Copper	NA	103	UJ		NA		NA		NA		NA	
Iron	NA	12600	J		NA		NA		NA		NA	
Lead	NA	71.5	UJ		NA		NA		NA		NA	
Magnesium	NA	37200	J		NA		NA		NA		NA	
Manganese	NA	8080	J		NA		NA		NA		NA	
Mercury	NA	0.10	UJ		NA		NA		NA		NA	
Nickel	NA	6.2	J		NA		NA		NA		NA	
Potassium	NA	11000	J		NA		NA		NA		NA	
Selenium	NA		R		NA		NA		NA		NA	
Silver	NA	1.2	J		NA		NA		NA		NA	
Sodium	NA	87800	J		NA		NA		NA		NA	
Thallium	NA	3.4	UJ		NA		NA		NA		NA	
Vanadium	NA	5.8	J		NA		NA		NA		NA	
Zinc	NA	120	UJ		NA		NA		NA		NA	
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA		NA		NA	
Chloride	NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA	
Sulfate	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	NA		NA		NA	8200			NA	42	
1,1,2,2-Tetrachloroethane	NA		NA		NA	500	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA	500	U		NA	10	U
1,1-Dichloroethane	NA		NA		NA	330			NA	4	J
1,1-Dichloroethene	NA		NA		NA	4400			NA	14	
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA	500	U		NA	10	U
1,2-Dichloroethene (total)	NA		NA		NA	1250			NA	7	J
1,2-Dichloropropane	NA		NA		NA	500	U		NA	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA	500	U		NA	10	UJ
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA	500	U		NA	10	UJ
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA	500	U		NA	10	UJ
Acetone	NA		NA		NA	500	U		NA	10	U
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA	500	U		NA	10	U
Bromobenzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA	500	U		NA	10	U
Bromoform	NA		NA		NA		NA		NA		R
Bromomethane	NA		NA		NA	500	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	NA		NA		NA	500	U		NA	10	U
Carbon Tetrachloride	NA		NA		NA	500	U		NA	10	U
Chlorobenzene	NA		NA		NA	500	U		NA	10	U
Chloroethane	NA		NA		NA	500	U		NA	10	UJ
Chloroform	NA		NA		NA	500	U		NA	10	U
Chloromethane	NA		NA		NA	500	U		NA	10	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA	500	U		NA	10	U
Cyclohexane	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		R
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA	500	U		NA	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA	500	U		NA	10	U
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA	500	U		NA	10	U
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA	500	U		NA	10	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA	500	U		NA	10	U
Total Xylenes	NA		NA		NA	500	U		NA	10	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA	500	U		NA	10	U
Trichloroethene	NA		NA		NA	515			NA	8	J
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA	500	U		NA	10	U
Low Concentration Volatile Organic Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	U	9200		7800		9800		9200		40	
1,1-Dichloroethane		1000	U	1000	U	1000	U	1000	U	5	U
1,1-Dichloroethene	U	2700		2500		4600		2500		13	
1,2-Dichloroethane	U	1000	U	1000	U	1000	U	1000	U	5	U
Benzene	U	1000	U	1000	U	1000	U	1000	U	5	U
Chlorobenzene		1000	U	1000	U	1000	U	1000	U	5	U
cis-1,2-Dichloroethene		1200		1000	U	1500		1000		5	
Ethylbenzene	U	1000	U	1000	U	1000	U	1000	U	5	U
m&p-Xylene	U	1000	U	1000	U	1000	U	1000	U	5	U
o-Xylene	U	1000	U	1000	U	1000	U	1000	U	5	U
Tetrachloroethene	U	1000	U	1000	U	1000	U	1000	U	5	U
Toluene	U	1000	U	1000	U	1000	U	1000	U	5	U
trans-1,2-Dichloroethene	U	1000	U	1000	U	1000	U	1000	U	5	U
Trichloroethene		1700		1000	U	1000	U	1600		10	
Vinyl Chloride		1000	U	1000	U	1000	U	1000	U	5	U
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP7-5-0813		OU2-DP7-5A-2833		OU2-DP7-5A-3843-AVG		OU2-DP7-5A-1823		OU2-DP7-9A-2227	
Sample Location		DP7-5		DP7-5A		DP7-5A		DP7-5A		DP7-9A	
Date Sampled		8/5/1997		8/6/1997		8/7/1997		8/8/1997		8/13/1997	
Interval		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0		22.0-27.0	
QC Identifier		None		None		Field Dup. (D2)		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)											
Aluminum	NA		NA		NA	119.5	U		NA	41.7	U
Antimony	NA		NA		NA	4.7	U		NA	4.7	U
Arsenic	NA		NA		NA	24.95			NA	2.0	U
Barium	NA		NA		NA	83.2	U		NA	137	U
Beryllium	NA		NA		NA	0.10	U		NA	0.10	U
Cadmium	NA		NA		NA	19.4			NA	0.30	U
Calcium	NA		NA		NA	284500			NA	8090	
Chromium	NA		NA		NA	0.60	U		NA	0.82	UJ
Cobalt	NA		NA		NA	1975			NA	1.9	J
Copper	NA		NA		NA	10.3	U		NA	24.1	U
Iron	NA		NA		NA	416500			NA	2150	
Lead	NA		NA		NA	29.6	U		NA	14.5	UJ
Magnesium	NA		NA		NA	165500			NA	1680	
Manganese	NA		NA		NA	0.40	U		NA	2650	
Mercury	NA		NA		NA	0.10	U		NA	0.10	UJ
Nickel	NA		NA		NA	1015			NA	6.4	J
Potassium	NA		NA		NA	20100			NA	2340	
Selenium	NA		NA		NA	20.05			NA		R
Silver	NA		NA		NA	15.0			NA	0.80	U
Sodium	NA		NA		NA	88500			NA	42400	
Thallium	NA		NA		NA	129			NA	3.4	U
Vanadium	NA		NA		NA	1.5	U		NA	1.5	U
Zinc	NA		NA		NA	660.5			NA	60.0	U
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	2300		1	U	1	U	5	U	1	U	1	U
1,1-Dichloroethane	210		1	U	1	U	5	U	1	U	1	U
1,1-Dichloroethene	890		1	U	1	U	5	U	1	U	1	U
1,2-Dichloroethane	100	U	1	U	1	U	5	U	1	U	1	U
Benzene	100	U	1	U	1	U	5	U	1	U	1	U
Chlorobenzene	100	U	1	U	1	U	5	U	1	U	1	U
cis-1,2-Dichloroethene	360		2.3		1	U	5	U	1	U	1	U
Ethylbenzene	100	U	1	U	1	U	5	U	1	U	1	U
m&p-Xylene	100	U	1	U	1	U	5	U	1	U	1	U
o-Xylene	100	U	1	U	1	U	5	U	1	U	1	U
Tetrachloroethene	100	U	1	U	16		57		8.2		5.9	
Toluene	100	U	1	U	1	U	5	U	1	U	1	U
trans-1,2-Dichloroethene	100	U	1	U	1	U	5	U	1	U	1	U
Trichloroethene	540		1	U	3.7		5.5		1	U	1	U
Vinyl Chloride	100	U	1	U	1	U	5	U	1	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

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Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP7-9A-3439		OU2-DP8-1A-0914		OU2-DP8-1A-1924		OU2-DP8-1A-2934		OU2-DP8-1A-3944		OU2-DP8-1A-4954	
Sample Location	DP7-9A		DP8-1A		DP8-1A		DP8-1A		DP8-1A		DP8-1A	
Date Sampled	8/13/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997		8/12/1997	
Interval	34.0-39.0		9.0-14.0		19.0-24.0		29.0-34.0		39.0-44.0		49.0-54.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane		NA		NA		NA	10	U		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA	10	U		NA	
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA	10	U		NA	
1,1-Dichloroethane		NA		NA		NA	10	U		NA	
1,1-Dichloroethene		NA		NA		NA	10	U		NA	
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA	10	U		NA	
1,2-Dichloroethene (total)		NA		NA		NA	10	U		NA	
1,2-Dichloropropane		NA		NA		NA	10	U		NA	
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA	10	UJ		NA	
2-Chloroethylvinylether		NA		NA		NA		NA		NA	
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA	10	UJ		NA	
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA	10	UJ		NA	
Acetone		NA		NA		NA	10	U		NA	
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA	10	U		NA	
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA	10	U		NA	
Bromoform		NA		NA		NA		R		NA	
Bromomethane		NA		NA		NA	10	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Disulfide		NA		NA		NA	10	U		NA	
Carbon Tetrachloride		NA		NA		NA	10	U		NA	
Chlorobenzene		NA		NA		NA	10	U		NA	
Chloroethane		NA		NA		NA	10	UJ		NA	
Chloroform		NA		NA		NA	10	U		NA	
Chloromethane		NA		NA		NA	10	U		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA	10	U		NA	
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		R		NA	
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA	10	U		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA	10	U		NA	
Naphthalene		NA		NA		NA		NA		NA	
n-Butylbenzene		NA		NA		NA		NA		NA	
n-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA	10	U		NA	
tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA	10	U		NA	
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA	10	U		NA	
Total Xylenes		NA		NA		NA	10	U		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA	10	U		NA	
Trichloroethene		NA		NA		NA	10	U		NA	
Trichlorofluoromethane		NA		NA		NA		NA		NA	
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA	10	U		NA	
Low Concentration Volatile Organic Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	1	U	5	U	1	U	1	U	1	U	110
1,1-Dichloroethane	1	U	5	U	1	U	1	U	1	U	150
1,1-Dichloroethene	1	U	5	U	1	U	1	U	1	U	140
1,2-Dichloroethane	1	U	5	U	1	U	1	U	1	U	50
Benzene	1	U	5	U	1	U	1	U	1	U	50
Chlorobenzene	1	U	5	U	1	U	1	U	1	U	50
cis-1,2-Dichloroethene	1	U	5	U	1	U	1	U	1.1		200
Ethylbenzene	1	U	5	U	1	U	1	U	1	U	50
m&p-Xylene	1	U	5	U	1	U	1	U	1	U	50
o-Xylene	1	U	5	U	1	U	1	U	1	U	50
Tetrachloroethene	18		5	U	1	U	1	U	1	U	50
Toluene	1	U	5	U	1	U	1	U	1.2		50
trans-1,2-Dichloroethene	1	U	5	U	1	U	1	U	1	U	50
Trichloroethene	1.3		38.5		1	U	1	U	1	U	110
Vinyl Chloride	1	U	5	U	1	U	1	U	1	U	50
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA	
2,4-Dimethylphenol		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	

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Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA	
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Nitrobenzene		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-1A-5964		OU2-DP8-1A-6974-AVG		OU2-DP8-1A-7883		OU2-DP8-3A-0914		OU2-DP8-5-0914		OU2-DP8-5-2025
Sample Location	DP8-1A		DP8-1A		DP8-1A		DP8-3A		DP8-5		DP8-5
Date Sampled	8/12/1997		8/13/1997		8/13/1997		8/13/1997		8/11/1997		8/11/1997
Interval	59.0-64.0		69.0-74.0		78.0-83.0		9.0-14.0		9.0-14.0		20.0-25.0
QC Identifier	None		Field Dup. (D9s)		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Endosulfan Sulfate		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum		NA		NA		NA	145	U		NA	
Antimony		NA		NA		NA	4.7	U		NA	
Arsenic		NA		NA		NA	2.8	UJ		NA	
Barium		NA		NA		NA	162	U		NA	
Beryllium		NA		NA		NA	0.10	U		NA	
Cadmium		NA		NA		NA	0.58	J		NA	
Calcium		NA		NA		NA	148000			NA	
Chromium		NA		NA		NA	5.9	U		NA	
Cobalt		NA		NA		NA	1.4	J		NA	
Copper		NA		NA		NA	35.4	U		NA	
Iron		NA		NA		NA	5610			NA	
Lead		NA		NA		NA	17.6	UJ		NA	
Magnesium		NA		NA		NA	18500			NA	
Manganese		NA		NA		NA	231			NA	
Mercury		NA		NA		NA	0.10	UJ		NA	
Nickel		NA		NA		NA	4.5	J		NA	
Potassium		NA		NA		NA	25500			NA	
Selenium		NA		NA		NA		R		NA	
Silver		NA		NA		NA	0.80	U		NA	
Sodium		NA		NA		NA	378000			NA	
Thallium		NA		NA		NA	3.4	U		NA	
Vanadium		NA		NA		NA	9.1			NA	
Zinc		NA		NA		NA	35.4	U		NA	
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	NA		NA		NA	1700			NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA	160	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA	160	U		NA		NA
1,1-Dichloroethane	NA		NA		NA	280			NA		NA
1,1-Dichloroethene	NA		NA		NA	600			NA		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA	160	U		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA	610			NA		NA
1,2-Dichloropropane	NA		NA		NA	160	U		NA		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA	160	U		NA		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA	160	UJ		NA		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA	160	UJ		NA		NA
Acetone	NA		NA		NA	160	U		NA		NA
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA	160	U		NA		NA
Bromobenzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA	160	U		NA		NA
Bromoform	NA		NA		NA		R		NA		NA
Bromomethane	NA		NA		NA	160	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	NA		NA		NA	160	U		NA		NA
Carbon Tetrachloride	NA		NA		NA	160	U		NA		NA
Chlorobenzene	NA		NA		NA	33	J		NA		NA
Chloroethane	NA		NA		NA	160	UJ		NA		NA
Chloroform	NA		NA		NA	160	U		NA		NA
Chloromethane	NA		NA		NA	160	U		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA	160	U		NA		NA
Cyclohexane	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		R		NA		NA
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA	160	U		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA	160	U		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA
n-Butylbenzene	NA		NA		NA		NA		NA		NA
n-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA	160	U		NA		NA
tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA	160	U		NA		NA
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA	160	U		NA		NA
Total Xylenes	NA		NA		NA	160	U		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA	160	U		NA		NA
Trichloroethene	NA		NA		NA	1100			NA		NA
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA	49	J		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		67		2200		2200		2600		1700	
1,1-Dichloroethane		140		250		1000	U	1000	U	1000	U
1,1-Dichloroethene		150		800		1000	U	1000	U	1000	U
1,2-Dichloroethane	U	50	U	250	U	1000	U	1000	U	1000	U
Benzene	U	50	U	250	U	1000	U	1000	U	1000	U
Chlorobenzene	U	50	U	250	U	1000	U	1000	U	1000	U
cis-1,2-Dichloroethene		200		600		1000	U	1100		1550	
Ethylbenzene	U	50	U	250	U	1000	U	1000	U	1000	U
m&p-Xylene	U	50	U	250	U	1000	U	1000	U	1000	U
o-Xylene	U	50	U	250	U	1000	U	1000	U	1000	U
Tetrachloroethene	U	50	U	250	U	1000	U	1000	U	1000	U
Toluene	U	50	U	250	U	1000	U	1000	U	1000	U
trans-1,2-Dichloroethene	U	50	U	250	U	1000	U	1000	U	1000	U
Trichloroethene		85		1000		1400		2000		1900	
Vinyl Chloride	U	50	U	250	U	1000	U	1000	U	1000	U
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA
Caprolactam	NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-DP8-5-3035		OU2-DP8-5-4045		OU2-DP8-5-5055		OU2-DP8-5-6065		OU2-DP8-5-7378-AVG	
Sample Location		DP8-5		DP8-5		DP8-5		DP8-5		DP8-5	
Date Sampled		8/11/1997		8/11/1997		8/11/1997		8/11/1997		8/12/1997	
Interval		30.0-35.0		40.0-45.0		50.0-55.0		60.0-65.0		73.0-78.0	
QC Identifier		None		None		None		None		Field Dup. (D8s)	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)											
Aluminum	NA		NA		NA	55.7	U		NA		NA
Antimony	NA		NA		NA	4.7	U		NA		NA
Arsenic	NA		NA		NA	2.0	U		NA		NA
Barium	NA		NA		NA	175	U		NA		NA
Beryllium	NA		NA		NA	0.10	U		NA		NA
Cadmium	NA		NA		NA	0.30	U		NA		NA
Calcium	NA		NA		NA	98100			NA		NA
Chromium	NA		NA		NA	0.60	U		NA		NA
Cobalt	NA		NA		NA	3.5			NA		NA
Copper	NA		NA		NA	12.2	U		NA		NA
Iron	NA		NA		NA	2480			NA		NA
Lead	NA		NA		NA	14.7	UJ		NA		NA
Magnesium	NA		NA		NA	36100			NA		NA
Manganese	NA		NA		NA	13500			NA		NA
Mercury	NA		NA		NA	0.10	UJ		NA		NA
Nickel	NA		NA		NA	7.1	J		NA		NA
Potassium	NA		NA		NA	9580			NA		NA
Selenium	NA		NA		NA		R		NA		NA
Silver	NA		NA		NA	0.80	U		NA		NA
Sodium	NA		NA		NA	136000			NA		NA
Thallium	NA		NA		NA	3.4	U		NA		NA
Vanadium	NA		NA		NA	1.5	U		NA		NA
Zinc	NA		NA		NA	79.2	U		NA		NA
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA	200	U	200	U
1,1,1-Trichloroethane		NA		NA		NA		NA	200	U	200	U
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	200	U	200	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	200	U	200	U
1,1,2-Trichloroethane		NA		NA		NA		NA	200	U	200	U
1,1-Dichloroethane		NA		NA		NA		NA	1100		1200	
1,1-Dichloroethene		NA		NA		NA		NA	200	U	200	U
1,1-Dichloropropene		NA		NA		NA		NA	200	U	200	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA	200	U	200	U
1,2,3-Trichloropropane		NA		NA		NA		NA	200	U	200	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	200	U	200	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA	200	U	200	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	200	U	200	U
1,2-Dibromoethane		NA		NA		NA		NA	200	U	200	U
1,2-Dichlorobenzene		NA		NA		NA		NA	200	U	200	U
1,2-Dichloroethane		NA		NA		NA		NA	200	U	200	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA	200	U	200	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA	200	U	200	U
1,3-Dichlorobenzene		NA		NA		NA		NA	200	U	200	U
1,3-Dichloropropane		NA		NA		NA		NA	200	U	200	U
1,4-Dichlorobenzene		NA		NA		NA		NA	200	U	200	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA	200	U	200	U
2-Butanone		NA		NA		NA		NA	800	U	800	U
2-Chloroethylvinylether		NA		NA		NA		NA	600	U	600	U
2-Chlorotoluene		NA		NA		NA		NA	200	U	200	U
2-Hexanone		NA		NA		NA		NA	120	U	120	U
4-Chlorotoluene		NA		NA		NA		NA	200	U	200	U
4-Methyl-2-Pentanone		NA		NA		NA		NA	100	U	100	U
Acetone		NA		NA		NA		NA	400	U	400	U
Acrolein		NA		NA		NA		NA	2000	U	2000	U
Acrylonitrile		NA		NA		NA		NA	1000	U	1000	U
Benzene		NA		NA		NA		NA	200	U	200	U
Bromobenzene		NA		NA		NA		NA	200	U	200	U
Bromochloromethane		NA		NA		NA		NA	200	U	200	U
Bromodichloromethane		NA		NA		NA		NA	200	U	200	U
Bromoform		NA		NA		NA		NA	200	U	200	U
Bromomethane		NA		NA		NA		NA	200	U	200	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide		NA		NA		NA		NA	600	U	600	U
Carbon Tetrachloride		NA		NA		NA		NA	200	U	200	U
Chlorobenzene		NA		NA		NA		NA	310		280	
Chloroethane		NA		NA		NA		NA	360		330	
Chloroform		NA		NA		NA		NA	200	U	200	U
Chloromethane		NA		NA		NA		NA	200	U	200	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	6300		5300	
cis-1,3-Dichloropropene		NA		NA		NA		NA	200	U	200	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA	200	U	200	U
Dibromomethane		NA		NA		NA		NA	200	U	200	U
Dichlorodifluoromethane		NA		NA		NA		NA	200	U	200	U
Ethyl Ether		NA		NA		NA		NA	600	U	600	U
Ethylbenzene		NA		NA		NA		NA	200	U	200	U
Hexachlorobutadiene		NA		NA		NA		NA	200	U	200	U
Isopropylbenzene		NA		NA		NA		NA	200	U	200	U
m&p-Xylene		NA		NA		NA		NA	400	U	400	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA	200	U	200	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA	200	U	200	U
Naphthalene		NA		NA		NA		NA	200	U	200	U
n-Butylbenzene		NA		NA		NA		NA	200	U	200	U
n-Propylbenzene		NA		NA		NA		NA	200	U	200	U
o-Xylene		NA		NA		NA		NA	200	U	200	U
p-Isopropyltoluene		NA		NA		NA		NA	200	U	200	U
sec-Butylbenzene		NA		NA		NA		NA	200	U	200	U
Styrene		NA		NA		NA		NA	200	U	200	U
tert-Butylbenzene		NA		NA		NA		NA	200	U	200	U
Tetrachloroethene		NA		NA		NA		NA	200	U	200	U
Tetrahydrofuran		NA		NA		NA		NA	1400	U	1400	U
Toluene		NA		NA		NA		NA	200	U	200	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA	200	U	200	U
trans-1,3-Dichloropropene		NA		NA		NA		NA	200	U	200	U
Trichloroethene		NA		NA		NA		NA	200	U	200	U
Trichlorofluoromethane		NA		NA		NA		NA	200	U	200	U
Vinyl Acetate		NA		NA		NA		NA	1200	U	1200	U
Vinyl Chloride		NA		NA		NA		NA	1100		1300	
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	300		79		620		250	U	7.9		25	
1,1-Dichloroethane	68		10	U	250	U	250	U		NA		NA
1,1-Dichloroethene	160		38		850		250	U	110		97	
1,2-Dichloroethane	50	U	10	U	250	U	250	U		NA		NA
Benzene	50	U	10	U	250	U	250	U	25	U	27	U
Chlorobenzene	60		10	U	250	U	250	U	16		11	
cis-1,2-Dichloroethene	420		14		830		850		8240		6350	
Ethylbenzene	50	U	10	U	250	U	250	U		NA		NA
m&p-Xylene	50	U	10	U	250	U	250	U		NA		NA
o-Xylene	50	U	10	U	250	U	250	U		NA		NA
Tetrachloroethene	50	U	10	U	250	U	250	U	13	U	14	U
Toluene	50	U	10	U	250	U	250	U	50	U	54	U
trans-1,2-Dichloroethene	50	U	10	U	250	U	250	U		NA		NA
Trichloroethene	760		30		3000		3000		25	U	27	U
Vinyl Chloride	50	U	10	U	250	U	250	U		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP8-5-8287		OU2-DP8-6-1116		OU2-DP8-6-2227		OU2-DP8-6-3237		RM-GW90-0015		RM-GW91-0014	
Sample Location	DP8-5		DP8-6		DP8-6		DP8-6		90		91	
Date Sampled	8/12/1997		8/11/1997		8/11/1997		8/11/1997		3/4/2002		3/4/2002	
Interval	82.0-87.0		11.0-16.0		22.0-27.0		32.0-37.0		0.0-15.0		0.0-14.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	100	U	10	U		NA		NA		NA		NA
1,1,1-Trichloroethane	100	U	14			NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	100	U	10	U		NA		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	100	U	10	U		NA		NA		NA		NA
1,1-Dichloroethane	910		91			NA		NA		NA		NA
1,1-Dichloroethene	70	L	22			NA		NA		NA		NA
1,1-Dichloropropene	100	U	10	U		NA		NA		NA		NA
1,2,3-Trichlorobenzene	100	U	10	U		NA		NA		NA		NA
1,2,3-Trichloropropane	100	U	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	100	U	10	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene	100	U	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	100	U	10	U		NA		NA		NA		NA
1,2-Dibromoethane	100	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	100	U	10	U		NA		NA		NA		NA
1,2-Dichloroethane	100	U	10	U		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	100	U	10	U		NA		NA		NA		NA
1,3,5-Trimethylbenzene	100	U	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	100	U	10	U		NA		NA		NA		NA
1,3-Dichloropropane	100	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	100	U	10	U		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	100	U	10	U		NA		NA		NA		NA
2-Butanone	400	U	40	U		NA		NA		NA		NA
2-Chloroethylvinylether	300	U	30	U		NA		NA		NA		NA
2-Chlorotoluene	100	U	10	U		NA		NA		NA		NA
2-Hexanone	60	U	6	U		NA		NA		NA		NA
4-Chlorotoluene	100	U	10	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	50	U	5	U		NA		NA		NA		NA
Acetone	200	U	20	U		NA		NA		NA		NA
Acrolein	1000	U	100	U		NA		NA		NA		NA
Acrylonitrile	500	U	50	U		NA		NA		NA		NA
Benzene	100	U	10	U		NA		NA		NA		NA
Bromobenzene	100	U	10	U		NA		NA		NA		NA
Bromochloromethane	100	U	10	U		NA		NA		NA		NA
Bromodichloromethane	100	U	10	U		NA		NA		NA		NA
Bromoform	100	U	10	U		NA		NA		NA		NA
Bromomethane	100	U	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	300	U	30	U		NA		NA		NA		NA
Carbon Tetrachloride	100	U	10	U		NA		NA		NA		NA
Chlorobenzene	200		30			NA		NA		NA		NA
Chloroethane	110		27			NA		NA		NA		NA
Chloroform	100	U	10	U		NA		NA		NA		NA
Chloromethane	100	U	10	U		NA		NA		NA		NA
cis-1,2-Dichloroethene	2600		610			NA		NA		NA		NA
cis-1,3-Dichloropropene	100	U	10	U		NA		NA		NA		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	100	U	10	U		NA		NA		NA		NA
Dibromomethane	100	U	10	U		NA		NA		NA		NA
Dichlorodifluoromethane	100	U	10	U		NA		NA		NA		NA
Ethyl Ether	300	U	30	U		NA		NA		NA		NA
Ethylbenzene	100	U	10	U		NA		NA		NA		NA
Hexachlorobutadiene	100	U	10	U		NA		NA		NA		NA
Isopropylbenzene	100	U	10	U		NA		NA		NA		NA
m&p-Xylene	200	U	20	U		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	100	U	10	U		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	100	U	11			NA		NA		NA		NA
Naphthalene	100	U	10	U		NA		NA		NA		NA
n-Butylbenzene	100	U	10	U		NA		NA		NA		NA
n-Propylbenzene	100	U	10	U		NA		NA		NA		NA
o-Xylene	100	U	10	U		NA		NA		NA		NA
p-Isopropyltoluene	100	U	10	U		NA		NA		NA		NA
sec-Butylbenzene	100	U	10	U		NA		NA		NA		NA
Styrene	100	U	10	U		NA		NA		NA		NA
tert-Butylbenzene	100	U	10	U		NA		NA		NA		NA
Tetrachloroethene	100	U	10	U		NA		NA		NA		NA
Tetrahydrofuran	700	U	70	U		NA		NA		NA		NA
Toluene	100	U	10	U		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	100	U	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	100	U	10	U		NA		NA		NA		NA
Trichloroethene	100		650			NA		NA		NA		NA
Trichlorofluoromethane	100	U	10	U		NA		NA		NA		NA
Vinyl Acetate	600	U	60	U		NA		NA		NA		NA
Vinyl Chloride	730		78			NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	100	U	1	U	1	U	1	U
1,1-Dichloroethane		NA		NA	100	U	1	U	1	U	1	U
1,1-Dichloroethene		NA		NA	100	U	1	U	1	U	1	U
1,2-Dichloroethane		NA		NA	100	U	1	U	1	U	1	U
Benzene		NA		NA	100	U	1	U	1	U	1	U
Chlorobenzene		NA		NA	100	U	1	U	1.2		1	
cis-1,2-Dichloroethene		NA		NA	100	U	1	U	1.9		1	U
Ethylbenzene		NA		NA	670		1.3		1	U	4.4	
m&p-Xylene		NA		NA	1000		1.7		1	U	6.1	
o-Xylene		NA		NA	100	U	1	U	1	U	1	U
Tetrachloroethene		NA		NA	100	U	1	U	4.1		1	U
Toluene		NA		NA	100	U	1	U	1	U	1	U
trans-1,2-Dichloroethene		NA		NA	100	U	1	U	1	U	1	U
Trichloroethene		NA		NA	100	U	1	U	2.4		1	U
Vinyl Chloride		NA		NA	100	U	1	U	1	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW91-0019		RM-GW91-0024		OU2-DP9-1-0813		OU2-DP9-1-2833		OU2-DP9-1-3843		OU2-DP9-1-1823	
Sample Location	91		91		DP9-1		DP9-1		DP9-1		DP9-1	
Date Sampled	3/4/2002		3/4/2002		8/14/1997		8/14/1997		8/14/1997		8/15/1997	
Interval	0.0-19.0		0.0-24.0		8.0-13.0		28.0-33.0		38.0-43.0		18.0-23.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	1	U	20	U	1	U	2	U
1,1,1-Trichloroethane	1.3		4.4		2.8		63		13		36	
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	20	U	1	U	2	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	1	U	20	U	1	U	2	U
1,1,2-Trichloroethane	1	U	1	U	1	U	20	U	1	U	2	U
1,1-Dichloroethane	2.3		5.7		4.4		27		18		78	
1,1-Dichloroethene	1		3.2		2.4		56		13		54	
1,1-Dichloropropene	1	U	1	U	1	U	20	U	1	U	2	U
1,2,3-Trichlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,2,3-Trichloropropane	1	U	1	U	1	U	20	U	1	U	2	U
1,2,4-Trichlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,2,4-Trimethylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,2-Dibromo-3-chloropropane	1	U	1	U	1	U	20	U	1	U	2	U
1,2-Dibromoethane	1	U	1	U	1	U	20	U	1	U	2	U
1,2-Dichlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,2-Dichloroethane	1	U	1	U	1	U	20	U	1	U	2	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U	1	U	20	U	1	U	2	U
1,3,5-Trimethylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,3-Dichlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,3-Dichloropropane	1	U	1	U	1	U	20	U	1	U	2	U
1,4-Dichlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U	1	U	20	U	1	U	2	U
2-Butanone	4	U	4	U	4	U	80	U	4	U	8	U
2-Chloroethylvinylether	3	U	3	U	3	U	60	U	3	U	6	U
2-Chlorotoluene	1	U	1	U	1	U	20	U	1	U	2	U
2-Hexanone	0.6	U	0.6	U	0.6	U	12	U	0.6	U	1.2	U
4-Chlorotoluene	1	U	1	U	1	U	20	U	1	U	2	U
4-Methyl-2-Pentanone	0.5	U	0.5	U	0.5	U	10	U	0.5	U	1	U
Acetone	2	U	2.4	J	2.9	J	40	U	3.3	BJ	4.8	J
Acrolein	10	U	10	U	10	U	200	U	10	U	20	U
Acrylonitrile	5	U	5	U	5	U	100	U	5	U	10	U
Benzene	1	U	1	U	1	U	20	U	1	U	2	U
Bromobenzene	1	U	1	U	1	U	20	U	1	U	2	U
Bromochloromethane	1	U	1	U	1	U	20	U	1	U	2	U
Bromodichloromethane	1	U	1	U	1	U	20	U	1	U	2	U
Bromoform	1	U	1	U	1	U	20	U	1	U	2	U
Bromomethane	1	U	1	U	1	U	20	U	1	U	2	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	3	U	3	U	3	U	60	U	3	U	6	U
Carbon Tetrachloride	1	U	1	U	1	U	20	U	1	U	2	U
Chlorobenzene	1	U	1	U	1	U	20	U	1	U	2	U
Chloroethane	1	U	1	U	1	U	20	U	1	U	2	U
Chloroform	1	U	1	U	1	U	20	U	1	U	2	U
Chloromethane	1	U	1	U	1	U	20	U	1	U	2	U
cis-1,2-Dichloroethene	1.3		3.1		2.1		37		8.9		75	
cis-1,3-Dichloropropene	1	U	1	U	1	U	20	U	1	U	2	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U	1	U	20	U	1	U	2	U
Dibromomethane	1	U	1	U	1	U	20	U	1	U	2	U
Dichlorodifluoromethane	1	U	1	U	1	U	20	U	1	U	2	U
Ethyl Ether	3	U	3	U	3	U	60	U	3	U	6	U
Ethylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
Hexachlorobutadiene	1	U	1	U	1	U	20	U	1	U	2	U
Isopropylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
m&p-Xylene	2	U	2	U	2	U	40	U	2	U	4	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	U	0.58	L	2.6		20	U	8.9		2	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	20	U	1	U	2	U
Naphthalene	1	U	1	U	1	U	20	U	1	U	2	U
n-Butylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
n-Propylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
o-Xylene	1	U	1	U	1	U	20	U	1	U	2	U
p-Isopropyltoluene	1	U	1	U	1	U	20	U	1	U	2	U
sec-Butylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
Styrene	1	U	1	U	1	U	20	U	1	U	2	U
tert-Butylbenzene	1	U	1	U	1	U	20	U	1	U	2	U
Tetrachloroethene	1	U	1	U	1	U	20	U	1	U	2	U
Tetrahydrofuran	7	U	7	U	7	U	140	U	7	U	14	U
Toluene	1	U	1	U	1	U	20	U	1	U	2	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U	1	U	20	U	1	U	2	U
trans-1,3-Dichloropropene	1	U	1	U	1	U	20	U	1	U	2	U
Trichloroethene	1	U	1.1		0.75	L	320		4.2		33	
Trichlorofluoromethane	1	U	1	U	1	U	20	U	1	U	2	U
Vinyl Acetate	6	U	6	U	6	U	120	U	6	U	12	U
Vinyl Chloride	1	U	1	U	1	U	20	U	1	U	2	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	1.2			NA		NA		NA	12		40	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	0.7			NA		NA		NA	9.7		45	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA	1	U	24	U
Chlorobenzene	3	U		NA		NA		NA	3	U	72	U
cis-1,2-Dichloroethene	1.4			NA		NA		NA	6.8		70	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	0.5	U		NA		NA		NA	0.5	U	12	U
Toluene	2	U		NA		NA		NA	1	U	48	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene	0.5			NA		NA		NA	3.9		38	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW92-0015		RM-GW92-0020		RM-GW92-0025		RM-GW92-0035		RM-GW92-0045		RM-GW93-0018	
Sample Location	92		92		92		92		92		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002		3/4/2002	
Interval	0.0-15.0		0.0-20.0		0.0-25.0		0.0-35.0		0.0-45.0		0.0-18.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	10	U	5	U	5	U	5	U	10	U
1,1,1-Trichloroethane	94		86		78		94		280	
1,1,2,2-Tetrachloroethane	10	U	5	U	5	U	5	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	5	U	5	U	5	U	10	U
1,1,2-Trichloroethane	10	U	5	U	5	U	5	U	10	U
1,1-Dichloroethane	130		120		100		150		210	
1,1-Dichloroethene	170		210		180		240		470	
1,1-Dichloropropene	10	U	5	U	5	U	5	U	10	U
1,2,3-Trichlorobenzene	10	U	5	U	5	U	5	U	10	U
1,2,3-Trichloropropane	10	U	5	U	5	U	5	U	10	U
1,2,4-Trichlorobenzene	10	U	5	U	5	U	5	U	10	U
1,2,4-Trimethylbenzene	10	U	5	U	5	U	5	U	10	U
1,2-Dibromo-3-chloropropane	10	U	5	U	5	U	5	U	10	U
1,2-Dibromoethane	10	U	5	U	5	U	5	U	10	U
1,2-Dichlorobenzene	10	U	5	U	5	U	5	U	10	U
1,2-Dichloroethane	10	U	5	U	5	U	5	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	5	U	5	U	5	U	10	U
1,3,5-Trimethylbenzene	10	U	5	U	5	U	5	U	10	U
1,3-Dichlorobenzene	10	U	5	U	5	U	5	U	10	U
1,3-Dichloropropane	10	U	5	U	5	U	5	U	10	U
1,4-Dichlorobenzene	10	U	5	U	5	U	5	U	10	U
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	10	U	5	U	5	U	5	U	10	U
2-Butanone	40	U	20	U	20	U	20	U	40	U
2-Chloroethylvinylether	30	U	15	U	15	U	15	U	30	U
2-Chlorotoluene	10	U	5	U	5	U	5	U	10	U
2-Hexanone	6	U	3	U	3	U	3	U	6	U
4-Chlorotoluene	10	U	5	U	5	U	5	U	10	U
4-Methyl-2-Pentanone	5	U	2.5	U	2.5	U	2.5	U	5	U
Acetone	20	U	8		10	J	10	U	20	U
Acrolein	100	U	50	U	50	U	50	U	100	U
Acrylonitrile	50	U	25	U	25	U	25	U	50	U
Benzene	10	U	5	U	5	U	5	U	10	U
Bromobenzene	10	U	5	U	5	U	5	U	10	U
Bromochloromethane	10	U	5	U	5	U	5	U	10	U
Bromodichloromethane	10	U	5	U	5	U	5	U	10	U
Bromoform	10	U	5	U	5	U	5	U	10	U
Bromomethane	10	U	5	U	5	U	5	U	10	U

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Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	30	U	15	U	15	U	15	U	30	U
Carbon Tetrachloride	10	U	5	U	5	U	5	U	10	U
Chlorobenzene	10	U	5	U	5	U	5	U	6.2	L
Chloroethane	10	U	5	U	5	U	5	U	6.7	L
Chloroform	10	U	5	U	5	U	5	U	10	U
Chloromethane	10	U	5	U	5	U	5	U	10	U
cis-1,2-Dichloroethene	130		120		94		140		170	
cis-1,3-Dichloropropene	10	U	5	U	5	U	5	U	10	U
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	5	U	5	U	5	U	10	U
Dibromomethane	10	U	5	U	5	U	5	U	10	U
Dichlorodifluoromethane	10	U	5	U	5	U	5	U	10	U
Ethyl Ether	30	U	15	U	15	U	15	U	30	U
Ethylbenzene	10	U	5	U	5	U	5	U	10	U
Hexachlorobutadiene	10	U	5	U	5	U	5	U	10	U
Isopropylbenzene	10	U	5	U	5	U	5	U	10	U
m&p-Xylene	20	U	10	U	10	U	10	U	20	U
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	42		36		47		48	
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	10	U	5	U	5	U	5	U	10	U
Naphthalene	10	U	5	U	5	U	5	U	10	U
n-Butylbenzene	10	U	5	U	5	U	5	U	10	U
n-Propylbenzene	10	U	5	U	5	U	5	U	10	U
o-Xylene	10	U	5	U	5	U	5	U	10	U
p-Isopropyltoluene	10	U	5	U	5	U	5	U	10	U
sec-Butylbenzene	10	U	5	U	5	U	5	U	10	U
Styrene	10	U	5	U	5	U	5	U	10	U
tert-Butylbenzene	10	U	5	U	5	U	5	U	10	U
Tetrachloroethene	10	U	5	U	5	U	5	U	10	U
Tetrahydrofuran	70	U	35	U	35	U	35	U	70	U
Toluene	10	U	5	U	5	U	5	U	10	U
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	5	U	5	U	5	U	10	U
trans-1,3-Dichloropropene	10	U	5	U	5	U	5	U	10	U
Trichloroethene	50		34		34		35		110	
Trichlorofluoromethane	10	U	5	U	5	U	5	U	10	U
Vinyl Acetate	60	U	30	U	30	U	30	U	60	U
Vinyl Chloride	6.2	L	10		11		9.7		12	
Low Concentration Volatile Organic Analysis (UG/L)										

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA	275	
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA	332	
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA	25	U
Chlorobenzene		NA		NA		NA		NA	75	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	119	
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA	13	U
Toluene		NA		NA		NA		NA	25	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA	108	
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA

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Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA

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Sample Number	RM-GW93-0023		RM-GW93-0028-AVG		RM-GW93-0028		RM-GW-DP05		RM-GW93-0033	
Sample Location	93		93		93		93		93	
Date Sampled	3/4/2002		3/4/2002		3/4/2002		3/4/2002		3/5/2002	
Interval	0.0-23.0		0.0-28.0		0.0-28.0		0.0-28.0		0.0-33.0	
QC Identifier	None		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		Field Dup. RM-GW93-0028		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA

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Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	1	U	25	U	1	U	1	U
1,1,1-Trichloroethane	1	U	1.2		3.3		92		1	U	1.3	
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	25	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	1	U	25	U	1	U	1	U
1,1,2-Trichloroethane	1	U	1	U	1	U	25	U	1	U	1	U
1,1-Dichloroethane	1	U	0.83	L	5.7		180		1	U	2.1	
1,1-Dichloroethene	1	U	0.54	L	2.1		120		1	U	1.4	
1,1-Dichloropropene	1	U	1	U	1	U	25	U	1	U	1	U
1,2,3-Trichlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,2,3-Trichloropropane	1	U	1	U	1	U	25	U	1	U	1	U
1,2,4-Trichlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,2,4-Trimethylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,2-Dibromo-3-chloropropane	1	U	1	U	1	U	25	U	1	U	1	U
1,2-Dibromoethane	1	U	1	U	1	U	25	U	1	U	1	U
1,2-Dichlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,2-Dichloroethane	1	U	1	U	1	U	25	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U	1	U	25	U	1	U	1	U
1,3,5-Trimethylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,3-Dichlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,3-Dichloropropane	1	U	1	U	1	U	25	U	1	U	1	U
1,4-Dichlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U	1	U	25	U	1	U	1	U
2-Butanone	4	U	4	U	4	U	100	U	4	U	4	U
2-Chloroethylvinylether	3	U	3	U	3	U	75	U	3	U	3	U
2-Chlorotoluene	1	U	1	U	1	U	25	U	1	U	1	U
2-Hexanone	0.6	U	0.6	U	0.6	U	15	U	0.6	U	0.6	U
4-Chlorotoluene	1	U	1	U	1	U	25	U	1	U	1	U
4-Methyl-2-Pentanone	0.5	U	0.5	U	0.5	U	12	U	0.5	U	0.5	U
Acetone	2.3	J	2	U	2	U	71	BJ	3	BJ	2.9	BJ
Acrolein	10	U	10	U	10	U	250	U	10	U	10	U
Acrylonitrile	5	U	5	U	5	U	130	U	5	U	5	U
Benzene	1	U	1	U	1	U	25	U	1	U	1	U
Bromobenzene	1	U	1	U	1	U	25	U	1	U	1	U
Bromochloromethane	1	U	1	U	1	U	25	U	1	U	1	U
Bromodichloromethane	1	U	1	U	1	U	25	U	1	U	1	U
Bromoform	1	U	1	U	1	U	25	U	1	U	1	U
Bromomethane	1	U	1	U	1	U	25	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	3	U	3	U	3	U	75	U	3	U	3	U
Carbon Tetrachloride	1	U	1	U	1	U	25	U	1	U	1	U
Chlorobenzene	1	U	1	U	1	U	25	U	1	U	1	U
Chloroethane	1	U	1	U	1	U	25	U	1	U	1	U
Chloroform	1	U	9.5		1	U	25	U	1	U	1	U
Chloromethane	1	U	1	U	1	U	25	U	1	U	1	U
cis-1,2-Dichloroethene	1	U	0.86	L	7.6		340		1	U	3.4	
cis-1,3-Dichloropropene	1	U	1	U	1	U	25	U	1	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U	1	U	25	U	1	U	1	U
Dibromomethane	1	U	1	U	1	U	25	U	1	U	1	U
Dichlorodifluoromethane	1	U	1	U	1	U	25	U	1	U	1	U
Ethyl Ether	3	U	3	U	3	U	75	U	3	U	3	U
Ethylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
Hexachlorobutadiene	1	U	1	U	1	U	25	U	1	U	1	U
Isopropylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
m&p-Xylene	2	U	2	U	2	U	50	U	2	U	2	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	U	1	U	1	U	25	U	1	U	1	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	25	U	1	U	1	U
Naphthalene	1	U	1	U	1	U	25	U	1	U	1	U
n-Butylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
n-Propylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
o-Xylene	1	U	1	U	1	U	25	U	1	U	1	U
p-Isopropyltoluene	1	U	1	U	1	U	25	U	1	U	1	U
sec-Butylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
Styrene	1	U	1	U	1	U	25	U	1	U	1	U
tert-Butylbenzene	1	U	1	U	1	U	25	U	1	U	1	U
Tetrachloroethene	1	U	1	U	1	U	25	U	1	U	1	U
Tetrahydrofuran	7	U	7	U	7	U	180	U	7	U	7	U
Toluene	1	U	1	U	1	U	25	U	1	U	1	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U	1	U	25	U	1	U	1	U
trans-1,3-Dichloropropene	1	U	1	U	1	U	25	U	1	U	1	U
Trichloroethene	1	U	3		18		990		2.2		8.6	
Trichlorofluoromethane	1	U	1	U	1	U	25	U	1	U	1	U
Vinyl Acetate	6	U	6	U	6	U	150	U	6	U	6	U
Vinyl Chloride	1	U	1	U	1	U	25	U	1	U	1	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	1.2			NA	102			NA	1.3	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA	0.7			NA	150			NA	0.8	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA	0.5	U		NA	30	U		NA	1	U
Chlorobenzene		NA	3	U		NA	90	U		NA	3	U
cis-1,2-Dichloroethene		NA	0.6			NA	312			NA	2	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	0.5	U		NA	15	U		NA	0.5	U
Toluene		NA	1	U		NA	30	U		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA	2.2			NA	1300			NA	8.9	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW94-0017		RM-GW94-0022		RM-GW94-0027		RM-GW94-0037		RM-GW94-0047		RM-GW95-0021	
Sample Location	94		94		94		94		94		95	
Date Sampled	3/5/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/4/2002	
Interval	0.0-17.0		0.0-22.0		0.0-27.0		0.0-37.0		0.0-47.0		0.0-21.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	2	U	5	U	10	U	20	U	1	U
1,1,1-Trichloroethane	1	U	15		120		500		260		31	
1,1,2,2-Tetrachloroethane	1	U	2	U	5	U	10	U	20	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	2	U	5	U	10	U	20	U	1	U
1,1,2-Trichloroethane	1	U	2	U	5	U	10	U	20	U	1	U
1,1-Dichloroethane	1	U	27		77		80		49		8	
1,1-Dichloroethene	1	U	18		100		260		150		17	
1,1-Dichloropropene	1	U	2	U	5	U	10	U	20	U	1	U
1,2,3-Trichlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,2,3-Trichloropropane	1	U	2	U	5	U	10	U	20	U	1	U
1,2,4-Trichlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,2,4-Trimethylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,2-Dibromo-3-chloropropane	1	U	2	U	5	U	10	U	20	U	1	U
1,2-Dibromoethane	1	U	2	U	5	U	10	U	20	U	1	U
1,2-Dichlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,2-Dichloroethane	1	U	2	U	5	U	10	U	20	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	2	U	5	U	10	U	20	U	1	U
1,3,5-Trimethylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,3-Dichlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,3-Dichloropropane	1	U	2	U	5	U	10	U	20	U	1	U
1,4-Dichlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	2	U	5	U	10	U	20	U	1	U
2-Butanone	4	U	8	U	20	U	40	U	80	U	4	U
2-Chloroethylvinylether	3	U	6	U	15	U	30	U	60	U	3	U
2-Chlorotoluene	1	U	2	U	5	U	10	U	20	U	1	U
2-Hexanone	0.6	U	1.2	U	3	U	6	U	12	U	0.6	U
4-Chlorotoluene	1	U	2	U	5	U	10	U	20	U	1	U
4-Methyl-2-Pentanone	0.5	U	1	U	2.5	U	5	U	10	U	0.5	U
Acetone	2.7	J	4	U	15	J	20	U	40	U	2.6	BJ
Acrolein	10	U	20	U	50	U	100	U	200	U	10	U
Acrylonitrile	5	U	10	U	25	U	50	U	100	U	5	U
Benzene	1	U	2	U	5	U	10	U	20	U	1	U
Bromobenzene	1	U	2	U	5	U	10	U	20	U	1	U
Bromochloromethane	1	U	2	U	5	U	10	U	20	U	1	U
Bromodichloromethane	1	U	2	U	5	U	10	U	20	U	1	U
Bromoform	1	U	2	U	5	U	10	U	20	U	1	U
Bromomethane	1	U	2	U	5	U	10	U	20	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	3	U	6	U	15	U	30	U	60	U	3	U
Carbon Tetrachloride	1	U	2	U	5	U	10	U	20	U	1	U
Chlorobenzene	1	U	2	U	5	U	10	U	20	U	1	U
Chloroethane	1	U	2	U	5	U	10	U	20	U	1	U
Chloroform	1	U	2.9		5	U	10	U	20	U	1.3	
Chloromethane	1	U	2	U	5	U	10	U	20	U	1	U
cis-1,2-Dichloroethene	1	U	45		130		150		87		13	
cis-1,3-Dichloropropene	1	U	2	U	5	U	10	U	20	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	2	U	5	U	10	U	20	U	1	U
Dibromomethane	1	U	2	U	5	U	10	U	20	U	1	U
Dichlorodifluoromethane	1	U	2	U	5	U	10	U	20	U	1	U
Ethyl Ether	3	U	6	U	15	U	30	U	60	U	3	U
Ethylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
Hexachlorobutadiene	1	U	2	U	5	U	10	U	20	U	1	U
Isopropylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
m&p-Xylene	2	U	4	U	10	U	20	U	40	U	2	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	U	2	U	5	U	10	U	20	U	1	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	2	U	5	U	10	U	20	U	1	U
Naphthalene	1	U	2	U	5	U	10	U	20	U	1	U
n-Butylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
n-Propylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
o-Xylene	1	U	2	U	5	U	10	U	20	U	1	U
p-Isopropyltoluene	1	U	2	U	5	U	10	U	20	U	1	U
sec-Butylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
Styrene	1	U	2	U	5	U	10	U	20	U	1	U
tert-Butylbenzene	1	U	2	U	5	U	10	U	20	U	1	U
Tetrachloroethene	1	U	2	U	5	U	10	U	20	U	1	U
Tetrahydrofuran	7	U	14	U	35	U	70	U	140	U	7	U
Toluene	1	U	2	U	5	U	10	U	20	U	1	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	2	U	5	U	10	U	20	U	1	U
trans-1,3-Dichloropropene	1	U	2	U	5	U	10	U	20	U	1	U
Trichloroethene	1	U	130		41		220		100		29	
Trichlorofluoromethane	1	U	2	U	5	U	10	U	20	U	1	U
Vinyl Acetate	6	U	12	U	30	U	60	U	120	U	6	U
Vinyl Chloride	1	U	2	U	5	U	10	U	20	U	1	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	12		121			NA		NA	32	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA	10		98			NA		NA	12	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA	1	U	27	U		NA		NA	0.5	U
Chlorobenzene		NA	3	U	81	U		NA		NA	3	U
cis-1,2-Dichloroethene		NA	44		98			NA		NA	14	
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	0.5	U	14	U		NA		NA	0.5	U
Toluene		NA	1	U	27	U		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA	106		43			NA		NA	30	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW95-0026		RM-GW95-0031		RM-GW96-0018		RM-GW96-0023		RM-GW96-0028		RM-GW97-0022	
Sample Location	95		95		96		96		96		97	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/5/2002		3/6/2002	
Interval	0.0-26.0		0.0-31.0		0.0-18.0		0.0-23.0		0.0-28.0		0.0-22.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	1	U	10	U	50	U	50	U	50	U
1,1,1-Trichloroethane	23		330		610		620		600	
1,1,2,2-Tetrachloroethane	1	U	10	U	50	U	50	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	10	U	50	U	50	U	50	U
1,1,2-Trichloroethane	1	U	10	U	50	U	50	U	50	U
1,1-Dichloroethane	5.6		38		320		320		330	
1,1-Dichloroethene	14		160		380		350		420	
1,1-Dichloropropene	1	U	10	U	50	U	50	U	50	U
1,2,3-Trichlorobenzene	1	U	10	U	50	U	50	U	50	U
1,2,3-Trichloropropane	1	U	10	U	50	U	50	U	50	U
1,2,4-Trichlorobenzene	1	U	10	U	50	U	50	U	50	U
1,2,4-Trimethylbenzene	1	U	10	U	50	U	50	U	50	U
1,2-Dibromo-3-chloropropane	1	U	10	U	50	U	50	U	50	U
1,2-Dibromoethane	1	U	10	U	50	U	50	U	50	U
1,2-Dichlorobenzene	1	U	10	U	50	U	50	U	50	U
1,2-Dichloroethane	1	U	10	U	50	U	50	U	50	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	10	U	50	U	50	U	50	U
1,3,5-Trimethylbenzene	1	U	10	U	50	U	50	U	50	U
1,3-Dichlorobenzene	1	U	10	U	50	U	50	U	50	U
1,3-Dichloropropane	1	U	10	U	50	U	50	U	50	U
1,4-Dichlorobenzene	1	U	10	U	50	U	50	U	50	U
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	10	U	50	U	50	U	50	U
2-Butanone	4	U	40	U	200	U	200	U	200	U
2-Chloroethylvinylether	3	U	30	U	150	U	150	U	150	U
2-Chlorotoluene	1	U	10	U	50	U	50	U	50	U
2-Hexanone	0.6	U	6	U	30	U	30	U	30	U
4-Chlorotoluene	1	U	10	U	50	U	50	U	50	U
4-Methyl-2-Pentanone	0.5	U	5	U	25	U	25	U	25	U
Acetone	2	U	21	BJ	100	U	100	U	100	U
Acrolein	10	U	100	U	500	U	500	U	500	U
Acrylonitrile	5	U	50	U	250	U	250	U	250	U
Benzene	1	U	10	U	50	U	50	U	50	U
Bromobenzene	1	U	10	U	50	U	50	U	50	U
Bromochloromethane	1	U	10	U	50	U	50	U	50	U
Bromodichloromethane	1	U	10	U	50	U	50	U	50	U
Bromoform	1	U	10	U	50	U	50	U	50	U
Bromomethane	1	U	10	U	50	U	50	U	50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	3	U	30	U	150	U	150	U	150	U
Carbon Tetrachloride	1	U	10	U	50	U	50	U	50	U
Chlorobenzene	1	U	10	U	50	U	50	U	50	U
Chloroethane	1	U	10	U	50	U	50	U	50	U
Chloroform	1	U	10	U	50	U	50	U	50	U
Chloromethane	1	U	10	U	50	U	50	U	50	U
cis-1,2-Dichloroethene	8.9		61		480		470		480	
cis-1,3-Dichloropropene	1	U	10	U	50	U	50	U	50	U
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	10	U	50	U	50	U	50	U
Dibromomethane	1	U	10	U	50	U	50	U	50	U
Dichlorodifluoromethane	1	U	10	U	50	U	50	U	50	U
Ethyl Ether	3	U	30	U	150	U	150	U	150	U
Ethylbenzene	1	U	10	U	50	U	50	U	50	U
Hexachlorobutadiene	1	U	10	U	50	U	50	U	50	U
Isopropylbenzene	1	U	10	U	50	U	50	U	50	U
m&p-Xylene	2	U	20	U	100	U	100	U	100	U
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	U	10	U	50	U	50	U	50	U
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	1	U	10	U	50	U	50	U	50	U
Naphthalene	1	U	10	U	50	U	50	U	50	U
n-Butylbenzene	1	U	10	U	50	U	50	U	50	U
n-Propylbenzene	1	U	10	U	50	U	50	U	50	U
o-Xylene	1	U	10	U	50	U	50	U	50	U
p-Isopropyltoluene	1	U	10	U	50	U	50	U	50	U
sec-Butylbenzene	1	U	10	U	50	U	50	U	50	U
Styrene	1	U	10	U	50	U	50	U	50	U
tert-Butylbenzene	1	U	10	U	50	U	50	U	50	U
Tetrachloroethene	1	U	10	U	50	U	50	U	50	U
Tetrahydrofuran	7	U	70	U	350	U	350	U	350	U
Toluene	1	U	10	U	50	U	50	U	50	U
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	10	U	50	U	50	U	50	U
trans-1,3-Dichloropropene	1	U	10	U	50	U	50	U	50	U
Trichloroethene	13		130		850		840		860	
Trichlorofluoromethane	1	U	10	U	50	U	50	U	50	U
Vinyl Acetate	6	U	60	U	300	U	300	U	300	U
Vinyl Chloride	1	U	10	U	50	U	50	U	50	U
Low Concentration Volatile Organic Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW97-0027		RM-GW97-0032		RM-GW97-0042-AVG		RM-GW97-0042		RM-GW-DP06	
Sample Location	97		97		97		97		97	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-27.0		0.0-32.0		0.0-42.0		0.0-42.0		0.0-42.0	
QC Identifier	None		None		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042		Field Dup. RM-GW97-0042	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	5	U	5	U	25	U	2	U	5	U	25	U
1,1,1-Trichloroethane	120		210		1100		10		22		79	
1,1,2,2-Tetrachloroethane	5	U	5	U	25	U	2	U	5	U	25	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	25	U	2	U	5	U	25	U
1,1,2-Trichloroethane	5	U	5	U	25	U	2	U	5	U	25	U
1,1-Dichloroethane	21		32		170		8.3		18		130	
1,1-Dichloroethene	63		97		720		7.6		17		92	
1,1-Dichloropropene	5	U	5	U	25	U	2	U	5	U	25	U
1,2,3-Trichlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,2,3-Trichloropropane	5	U	5	U	25	U	2	U	5	U	25	U
1,2,4-Trichlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,2,4-Trimethylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,2-Dibromo-3-chloropropane	5	U	5	U	25	U	2	U	5	U	25	U
1,2-Dibromoethane	5	U	5	U	25	U	2	U	5	U	25	U
1,2-Dichlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,2-Dichloroethane	5	U	5	U	25	U	2	U	5	U	25	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	5	U	5	U	25	U	2	U	5	U	25	U
1,3,5-Trimethylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,3-Dichlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,3-Dichloropropane	5	U	5	U	25	U	2	U	5	U	25	U
1,4-Dichlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	5	U	5	U	25	U	2	U	5	U	25	U
2-Butanone	20	U	20	U	100	U	8	U	20	U	100	U
2-Chloroethylvinylether	15	U	15	U	75	U	6	U	15	U	75	U
2-Chlorotoluene	5	U	5	U	25	U	2	U	5	U	25	U
2-Hexanone	3	U	3	U	15	U	1.2	U	3	U	15	U
4-Chlorotoluene	5	U	5	U	25	U	2	U	5	U	25	U
4-Methyl-2-Pentanone	2.5	U	2.5	U	12	U	1	U	2.5	U	12	U
Acetone	12	J	14	J	50	U	4	BJ	10	U	50	U
Acrolein	50	U	50	U	250	U	20	U	50	U	250	U
Acrylonitrile	25	U	25	U	130	U	10	U	25	U	130	U
Benzene	5	U	5	U	25	U	2	U	5	U	25	U
Bromobenzene	5	U	5	U	25	U	2	U	5	U	25	U
Bromochloromethane	5	U	5	U	25	U	2	U	5	U	25	U
Bromodichloromethane	5	U	5	U	25	U	2	U	5	U	25	U
Bromoform	5	U	5	U	25	U	2	U	5	U	25	U
Bromomethane	5	U	5	U	25	U	2	U	5	U	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	15	U	15	U	75	U	6	U	15	U	75	U
Carbon Tetrachloride	5	U	5	U	25	U	2	U	5	U	25	U
Chlorobenzene	5	U	5	U	25	U	2	U	5	U	25	U
Chloroethane	5	U	5	U	25	U	2	U	5	U	25	U
Chloroform	5	U	5	U	25	U	2	U	5	U	25	U
Chloromethane	5	U	5	U	25	U	2	U	5	U	25	U
cis-1,2-Dichloroethene	34		58		300		14		30		240	
cis-1,3-Dichloropropene	5	U	5	U	25	U	2	U	5	U	25	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	5	U	5	U	25	U	2	U	5	U	25	U
Dibromomethane	5	U	5	U	25	U	2	U	5	U	25	U
Dichlorodifluoromethane	5	U	5	U	25	U	2	U	5	U	25	U
Ethyl Ether	15	U	15	U	75	U	6	U	15	U	75	U
Ethylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
Hexachlorobutadiene	5	U	5	U	25	U	2	U	5	U	25	U
Isopropylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
m&p-Xylene	10	U	10	U	50	U	4	U	10	U	50	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	5	U	5	U	25	U	2	U	5	U	25	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	5	U	5	U	25	U	2	U	5	U	25	U
Naphthalene	5	U	5	U	25	U	2	U	5	U	25	U
n-Butylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
n-Propylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
o-Xylene	5	U	5	U	25	U	2	U	5	U	25	U
p-Isopropyltoluene	5	U	5	U	25	U	2	U	5	U	25	U
sec-Butylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
Styrene	5	U	5	U	25	U	2	U	5	U	25	U
tert-Butylbenzene	5	U	5	U	25	U	2	U	5	U	25	U
Tetrachloroethene	5	U	5	U	25	U	2	U	5	U	25	U
Tetrahydrofuran	35	U	35	U	180	U	14	U	35	U	180	U
Toluene	5	U	5	U	25	U	2	U	5	U	25	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	5	U	5	U	25	U	2	U	5	U	25	U
trans-1,3-Dichloropropene	5	U	5	U	25	U	2	U	5	U	25	U
Trichloroethene	58		91		410		28		60		570	
Trichlorofluoromethane	5	U	5	U	25	U	2	U	5	U	25	U
Vinyl Acetate	30	U	30	U	150	U	12	U	30	U	150	U
Vinyl Chloride	5	U	5	U	25	U	2	U	5	U	25	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	129			NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	58			NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene	25	U		NA		NA		NA		NA		NA
Chlorobenzene	75	U		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	35			NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	13	U		NA		NA		NA		NA		NA
Toluene	25	U		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene	48			NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW98-0024		RM-GW98-0029		RM-GW98-0034		RM-GW99-0017		RM-GW99-0022		RM-GW99-0027	
Sample Location	98		98		98		99		99		99	
Date Sampled	3/5/2002		3/5/2002		3/5/2002		3/6/2002		3/6/2002		3/6/2002	
Interval	0.0-24.0		0.0-29.0		0.0-34.0		0.0-17.0		0.0-22.0		0.0-27.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	50	U	50	U	50	U	100	U		NA
1,1,1-Trichloroethane	130		130		130		95	L	10	U
1,1,2,2-Tetrachloroethane	50	U	50	U	50	U	100	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	U	50	U	100	U		NA
1,1,2-Trichloroethane	50	U	50	U	50	U	100	U	10	U
1,1-Dichloroethane	220		220		220		260		10	U
1,1-Dichloroethene	160		150		160		170		10	U
1,1-Dichloropropene	50	U	50	U	50	U	100	U		NA
1,2,3-Trichlorobenzene	50	U	50	U	50	U	100	U		NA
1,2,3-Trichloropropane	50	U	50	U	50	U	100	U		NA
1,2,4-Trichlorobenzene	50	U	50	U	50	U	100	U		NA
1,2,4-Trimethylbenzene	50	U	50	U	50	U	100	U		NA
1,2-Dibromo-3-chloropropane	50	U	50	U	50	U	100	U		NA
1,2-Dibromoethane	50	U	50	U	50	U	100	U		NA
1,2-Dichlorobenzene	50	U	50	U	50	U	100	U		NA
1,2-Dichloroethane	50	U	50	U	50	U	100	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA	10	U
1,2-Dichloropropane	50	U	50	U	50	U	100	U	10	U
1,3,5-Trimethylbenzene	50	U	50	U	50	U	100	U		NA
1,3-Dichlorobenzene	50	U	50	U	50	U	100	U		NA
1,3-Dichloropropane	50	U	50	U	50	U	100	U		NA
1,4-Dichlorobenzene	50	U	50	U	50	U	100	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2,2-Dichloropropane	50	U	50	U	50	U	100	U		NA
2-Butanone	200	U	200	U	200	U	400	U	10	U
2-Chloroethylvinylether	150	U	150	U	150	U	300	U		NA
2-Chlorotoluene	50	U	50	U	50	U	100	U		NA
2-Hexanone	30	U	30	U	30	U	60	U	10	U
4-Chlorotoluene	50	U	50	U	50	U	100	U		NA
4-Methyl-2-Pentanone	25	U	25	U	25	U	50	U	10	U
Acetone	100	U	100	U	100	U	200	U	10	U
Acrolein	500	U	500	U	500	U	1000	U		NA
Acrylonitrile	250	U	250	U	250	U	500	U		NA
Benzene	50	U	50	U	50	U	100	U	10	U
Bromobenzene	50	U	50	U	50	U	100	U		NA
Bromochloromethane	50	U	50	U	50	U	100	U		NA
Bromodichloromethane	50	U	50	U	50	U	100	U	10	U
Bromoform	50	U	50	U	50	U	100	U	10	U
Bromomethane	50	U	50	U	50	U	100	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	150	U	150	U	150	U	300	U	10	U
Carbon Tetrachloride	50	U	50	U	50	U	100	U	10	U
Chlorobenzene	50	U	50	U	50	U	100	U	10	U
Chloroethane	50	U	50	U	50	U	100	U	10	U
Chloroform	50	U	50	U	50	U	100	U	10	U
Chloromethane	50	U	50	U	50	U	100	U	10	UJ
cis-1,2-Dichloroethene	440		440		450		700			NA
cis-1,3-Dichloropropene	50	U	50	U	50	U	100	U	10	U
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	50	U	50	U	50	U	100	U	10	U
Dibromomethane	50	U	50	U	50	U	100	U		NA
Dichlorodifluoromethane	50	U	50	U	50	U	100	U		NA
Ethyl Ether	150	U	150	U	150	U	300	U		NA
Ethylbenzene	50	U	50	U	50	U	100	U	10	U
Hexachlorobutadiene	50	U	50	U	50	U	100	U		NA
Isopropylbenzene	50	U	50	U	50	U	100	U		NA
m&p-Xylene	100	U	100	U	100	U	200	U		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	50	U	50	U	50	U	100	U		NA
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	50	U	50	U	50	U	100	U	10	U
Naphthalene	50	U	50	U	50	U	100	U		NA
n-Butylbenzene	50	U	50	U	50	U	100	U		NA
n-Propylbenzene	50	U	50	U	50	U	100	U		NA
o-Xylene	50	U	50	U	50	U	100	U		NA
p-Isopropyltoluene	50	U	50	U	50	U	100	U		NA
sec-Butylbenzene	50	U	50	U	50	U	100	U		NA
Styrene	50	U	50	U	50	U	100	U	10	U
tert-Butylbenzene	50	U	50	U	50	U	100	U		NA
Tetrachloroethene	50	U	50	U	50	U	100	U	10	U
Tetrahydrofuran	350	U	350	U	350	U	700	U		NA
Toluene	50	U	50	U	50	U	100	U	10	U
Total Xylenes		NA		NA		NA		NA	10	U
trans-1,2-Dichloroethene	50	U	50	U	50	U	100	U		NA
trans-1,3-Dichloropropene	50	U	50	U	50	U	100	U	10	U
Trichloroethene	1200		1200		1100		2500		10	U
Trichlorofluoromethane	50	U	50	U	50	U	100	U		NA
Vinyl Acetate	300	U	300	U	300	U	600	U		NA
Vinyl Chloride	50	U	50	U	50	U	100	U	10	U
Low Concentration Volatile Organic Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U
3-Nitroaniline		NA		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA	10	U
4-Nitroaniline		NA		NA		NA		NA	25	U
4-Nitrophenol		NA		NA		NA		NA	25	U
Acenaphthene		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U
Caprolactam		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA	10	U
Chrysene		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U
Dibenzofuran		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U
Fluoranthene		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U
Hexachloroethane		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U
Isophorone		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U
Phenanthrene		NA		NA		NA		NA	10	U
Phenol		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA	10	UJ
Total PAH		NA		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA	0.10	UJ
4,4'-DDE		NA		NA		NA		NA	0.10	UJ
4,4'-DDT		NA		NA		NA		NA	0.10	UJ
Aldrin		NA		NA		NA		NA	0.050	UJ
alpha-BHC		NA		NA		NA		NA	0.050	UJ
alpha-Chlordane		NA		NA		NA		NA	0.050	UJ
Aroclor, Total		NA		NA		NA		NA	1.1	U
Aroclor-1016		NA		NA		NA		NA	1.0	UJ
Aroclor-1221		NA		NA		NA		NA	2.0	UJ
Aroclor-1232		NA		NA		NA		NA	1.0	UJ
Aroclor-1242		NA		NA		NA		NA	1.0	UJ
Aroclor-1248		NA		NA		NA		NA	1.0	UJ
Aroclor-1254		NA		NA		NA		NA	1.0	UJ
Aroclor-1260		NA		NA		NA		NA	1.0	UJ
Aroclor-1262		NA		NA		NA		NA	1.0	UJ
Aroclor-1268		NA		NA		NA		NA	1.0	UJ
beta-BHC		NA		NA		NA		NA	0.050	UJ
delta-BHC		NA		NA		NA		NA	0.050	UJ
Dieldrin		NA		NA		NA		NA	0.10	UJ
Endosulfan I		NA		NA		NA		NA	0.050	UJ
Endosulfan II		NA		NA		NA		NA	0.10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW99-0037-AVG		RM-GW99-0037		RM-GW-DP07		RM-GW99-0042		MF-MW-101D-01	
Sample Location	99		99		99		99		MW-101D	
Date Sampled	3/6/2002		3/6/2002		3/6/2002		3/6/2002		5/19/1994	
Interval	0.0-37.0		0.0-37.0		0.0-37.0		0.0-42.0		58.9-68.9	
QC Identifier	Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		Field Dup. RM-GW99-0037		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate		NA		NA		NA		NA	0.10	UJ
Endrin		NA		NA		NA		NA	0.10	UJ
Endrin Aldehyde		NA		NA		NA		NA	0.10	UJ
Endrin Ketone		NA		NA		NA		NA	0.10	UJ
gamma-BHC		NA		NA		NA		NA	0.050	UJ
gamma-Chlordane		NA		NA		NA		NA	0.050	UJ
Heptachlor		NA		NA		NA		NA	0.050	UJ
Heptachlor Epoxide		NA		NA		NA		NA	0.050	UJ
Methoxychlor		NA		NA		NA		NA	0.50	UJ
Toxaphene		NA		NA		NA		NA	5.0	UJ
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA		NA		NA	123	UJ
Antimony		NA		NA		NA		NA	11.3	UJ
Arsenic		NA		NA		NA		NA	1.5	J
Barium		NA		NA		NA		NA	26.6	J
Beryllium		NA		NA		NA		NA	0.80	UJ
Cadmium		NA		NA		NA		NA	1.5	UJ
Calcium		NA		NA		NA		NA	21600	J
Chromium		NA		NA		NA		NA	5.5	J
Cobalt		NA		NA		NA		NA	24.5	J
Copper		NA		NA		NA		NA	3.1	UJ
Iron		NA		NA		NA		NA	540	J
Lead		NA		NA		NA		NA	1.5	UJ
Magnesium		NA		NA		NA		NA	6810	J
Manganese		NA		NA		NA		NA	6070	J
Mercury		NA		NA		NA		NA	0.20	UJ
Nickel		NA		NA		NA		NA	29.2	J
Potassium		NA		NA		NA		NA	7660	J
Selenium		NA		NA		NA		NA	2.1	UJ
Silver		NA		NA		NA		NA	3.3	J
Sodium		NA		NA		NA		NA	45000	J
Thallium		NA		NA		NA		NA	2.2	UJ
Vanadium		NA		NA		NA		NA	2.6	UJ
Zinc		NA		NA		NA		NA	73.5	J
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U		NA	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U		NA	10	U
1,1-Dichloroethane	10	U	10	U	10	U		NA	10	U
1,1-Dichloroethene	10	U	10	U	10	U		NA	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U		NA	10	U
1,2-Dichloroethene (total)	10	U	10	U	10	U		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U		NA	10	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U		NA	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U		NA	10	U
Acetone	10	U	10	U	10	U		NA	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U		NA	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U		NA	10	U
Bromoform	10	U	10	U	10	U		NA	10	U
Bromomethane	10	U	10	UJ	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U		NA	10	U
Carbon Tetrachloride	10	U	10	U	10	U		NA	10	U
Chlorobenzene	10	U	10	U	10	U		NA	10	U
Chloroethane	10	UJ	10	U	10	U		NA	10	U
Chloroform	10	U	10	U	10	U		NA	10	U
Chloromethane	10	U	10	U	10	U		NA	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U
Cyclohexane		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U	10	U		NA	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA	10	U
Methylcyclohexane		NA		NA		NA		NA	10	U
Methylene Chloride	10	U	10	U	10	U		NA	10	U
Naphthalene		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U		NA	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U		NA	10	U
Total Xylenes	10	U	10	U	10	U		NA	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U
Trichloroethene	10	U	10	U	10	U		NA	10	U
Trichlorofluoromethane		NA		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U		NA	1	U
Low Concentration Volatile Organic Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA	1	UJ		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA	1	UJ		NA
1,1,2-Trichloroethane		NA		NA		NA	1	UJ		NA
1,1-Dichloroethane		NA		NA		NA	1	UJ		NA
1,1-Dichloroethene		NA		NA		NA	1	UJ		NA
1,2,4-Trichlorobenzene		NA		NA		NA	1	UJ		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		R		NA
1,2-Dibromoethane		NA		NA		NA	1	UJ		NA
1,2-Dichlorobenzene		NA		NA		NA	1	UJ		NA
1,2-Dichloroethane		NA		NA		NA	1	UJ		NA
1,2-Dichloropropane		NA		NA		NA	1	UJ		NA
1,3-Dichlorobenzene		NA		NA		NA	1	UJ		NA
1,4-Dichlorobenzene		NA		NA		NA	1	UJ		NA
2-Butanone		NA		NA		NA	5	UJ		NA
2-Hexanone		NA		NA		NA	5	UJ		NA
4-Methyl-2-Pentanone		NA		NA		NA	5	UJ		NA
Acetone		NA		NA		NA	5	UJ		NA
Benzene		NA		NA		NA	1	UJ		NA
Bromochloromethane		NA		NA		NA	1	UJ		NA
Bromodichloromethane		NA		NA		NA	1	UJ		NA
Bromoform		NA		NA		NA	1	UJ		NA
Bromomethane		NA		NA		NA	1	UJ		NA
Carbon Disulfide		NA		NA		NA	1	UJ		NA
Carbon Tetrachloride		NA		NA		NA	1	UJ		NA
Chlorobenzene		NA		NA		NA	1	UJ		NA
Chloroethane		NA		NA		NA	1	UJ		NA
Chloroform		NA		NA		NA	0.7	J		NA
Chloromethane		NA		NA		NA	1	UJ		NA
cis-1,2-Dichloroethene		NA		NA		NA	1	UJ		NA
cis-1,3-Dichloropropene		NA		NA		NA	1	UJ		NA
Dibromochloromethane		NA		NA		NA	1	UJ		NA
Ethylbenzene		NA		NA		NA	1	UJ		NA
Methylene Chloride		NA		NA		NA	2	UJ		NA
Styrene		NA		NA		NA	1	UJ		NA
Tetrachloroethene		NA		NA		NA	1	UJ		NA
Toluene		NA		NA		NA	1	UJ		NA
Total Xylenes		NA		NA		NA	1	UJ		NA
trans-1,2-Dichloroethene		NA		NA		NA	1	UJ		NA
trans-1,3-Dichloropropene		NA		NA		NA	1	UJ		NA
Trichloroethene		NA		NA		NA	1	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA	1	UJ		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U		R	25	UJ	25	UJ	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	UJ	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	UJ	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA	10	U
Anthracene	10	UJ	10	U	10	UJ	10	U	10	U
Atrazine		NA		NA		NA		NA	10	UJ
Benzaldehyde		NA		NA		NA		NA	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	UJ	10	U
Caprolactam		NA		NA		NA		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	UJ	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ	10	U	10	U	10	UJ	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ	10	UJ	10	UJ		R	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	UJ	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	UJ	10	U
Total PAH	10	U	10	U	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.50	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	0.56	U	0.56	U	1.1	U		NA
Aroclor-1016	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1221	1.0	U	1.0	U	1.0	U	2.0	U	0.25	U
Aroclor-1232	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1242	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1248	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1254	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1260	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1262	0.50	U	0.50	U	0.50	U	1.0	U	0.28	U
Aroclor-1268	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endosulfan I	0.0020	J	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-101D-02		RM-MF-MW-101D-03		RM-MF-MW-101D-04		OU2-MW-101D-05		OU2-MW-101D-07	
Sample Location	MW-101D		MW-101D		MW-101D		MW-101D		MW-101D	
Date Sampled	8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	58.9-68.9		58.9-68.9		58.9-68.9		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	0.10	U	0.10	U	0.0030	J	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.50	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
TAL Metal Analysis (UG/L)										
Aluminum	49.8	U	111	UJ	147		75.7		159	UJ
Antimony	28.5	U	14.8	J	18.8	U	3.0	U	9.9	U
Arsenic	0.90	UJ	1.7	UJ	1.8	U	3.0	U	5.0	U
Barium	31.5		30.4	J	30.4	U	34.4		29.0	
Beryllium	0.20	U	0.30	UJ	0.20	U	1.0	U	0.90	U
Cadmium	3.9	UJ	1.4	UJ	1.1	U	1.0	U	0.70	U
Calcium	20200		19200	J	18400		15800		12700	
Chromium	2.8	U	1.9	UJ	5.7	UJ	1.7	J	0.60	U
Cobalt	33.2		44.5	J	44.5		41.3		20.9	
Copper	3.0	U	2.1	UJ	3.9	UJ	2.0	U	5.8	U
Iron	196		82.2	UJ	133	U	21.4	UJ	173	
Lead	10.6	J	1.2	UJ	0.40	UJ	1.0	U	2.4	U
Magnesium	5760		5320	J	4610		4460		3200	
Manganese	7440		7320	J	7560		6550		4160	
Mercury	0.20	U	0.20	UJ	0.20	U	0.10	U	0.10	U
Nickel	45.3		45.2	J	50.5		47.8		32.8	
Potassium	7720		7610	J	7660		7410		6610	
Selenium	1.0	U	2.5	UJ	2.8	U	5.4	J	4.3	U
Silver	2.7	J	2.4	UJ	1.8	U	1.0	U	1.3	U
Sodium	38500		34200	J	32500		37600		31000	
Thallium	0.90	U	1.7	UJ	3.1	U	3.0	U	4.2	U
Vanadium	3.5	U	2.3	UJ	2.9	U	1.0	U	5.9	U
Zinc	110		83.5	UJ	57.2	J	65.5	J	22.8	
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA	15.1			NA
Chloride		NA		NA		NA	57.6			NA
Nitrate-Nitrite (as N)		NA		NA		NA	2.61			NA
Sulfate		NA		NA		NA	81.5			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	UJ	10	U
Acetone	15	U	10	U	10	U	10	U	10	U	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	1	J	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	UJ	10	U	10	U	10	UJ	10	U
Chloroform	1	J	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	UJ	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	1	J
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA		NA		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U	10	U	10	U	1	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		R	25	UJ	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	UJ	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Anthracene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Atrazine		NA		NA		NA		NA		NA	10	UJ
Benzaldehyde		NA		NA		NA		NA		NA	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	UJ	10	U
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	UJ	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	UJ	10	UJ	10	UJ		R	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	UJ	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	UJ	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	UJ	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U	10	U	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.016	J	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.50	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	0.56	U	0.56	U	0.56	U	1.1	U		NA
Aroclor-1016	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	1.0	U	1.0	U	1.0	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1260	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1262	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	0.28	U
Aroclor-1268	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.024	J	0.10	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101M-01		RM-MF-MW-101M-02		RM-MF-MW-101M-03		RM-MF-MW-101M-04		OU2-MW-101M-05		OU2-MW-101M-07	
Sample Location	MW-101M		MW-101M		MW-101M		MW-101M		MW-101M		MW-101M	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/10/1997		12/4/2002	
Interval	21.0-26.0		21.0-26.0		21.0-26.0		21.0-26.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.0019	J	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.50	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.035	J	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
TAL Metal Analysis (UG/L)												
Aluminum	120	U	21.3	U	62.9	U	43.9	U	17.0	U	196	UJ
Antimony	10.8	U	28.5	U	15.7	J	18.8	U	3.0	U	9.9	U
Arsenic	8.1		4.3		9.3	U	4.6		4.4	J	17.5	
Barium	140	J	91.4	J	100	J	85.8	J	65.6		92.0	
Beryllium	0.80	U	0.20	U	0.30	U	0.20	U	1.0	U	0.90	U
Cadmium	1.0	U	3.9	UJ	1.4	U	1.1	U	1.0	U	0.70	UJ
Calcium	203000		160000		200000		172000		136000		172000	
Chromium	35.8	J	6.4	U	6.2	U	5.7	UJ	1.4	J	0.89	J
Cobalt	2.7	J	4.1	U	2.3	U	2.4	U	1.0	U	6.9	U
Copper	4.8	UJ	3.0	UJ	2.1	UJ	3.9	UJ	2.0	U	5.8	U
Iron	2890		1000		113	U	183	U	62.0	U	173	
Lead	1.5	U	2.0	U	0.70	UJ	0.40	UJ	1.0	U	2.4	U
Magnesium	567000		474000		596000		513000		376000		523000	
Manganese	2060		1250		675		541		338		597	J
Mercury	0.34	J	0.20	U	2.3		2.3	J	0.10	U	0.10	U
Nickel	16.2	U	13.3	J	3.5	U	5.2	U	1.0	U	5.3	U
Potassium	83600		101000		99200		85400		108000		132000	
Selenium	2.1	UJ	5.0	J	2.5	UJ	2.8	U	3.0	U	4.3	U
Silver		R	2.6	UJ	2.4	UJ	1.8	UJ	1.0	U	1.3	U
Sodium	3500000		3790000		3960000		3280000	J	2730000		3810000	
Thallium	2.2	U	9.0	UJ	1.7	UJ		R	3.0	UJ	4.2	UJ
Vanadium		R	5.8	J		R	2.9	UJ	2.5	J	5.9	U
Zinc	197		5.1	U	484		52.2	J	111	J		R
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	670			NA
Chloride		NA		NA		NA		NA	5640			NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.10	U		NA
Sulfate		NA		NA		NA		NA	528			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U		NA	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	10	UJ
1,2-Dibromoethane		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,2-Dichloroethene (total)	10	U	10	U	10	U	10	U		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	13		10	U	10	U	10	U		NA	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U		NA	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	18		10	U	10	U		NA	10	U
Acetone	58	U	13	U	10	U	10	U		NA	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U		NA	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U		NA	10	U
Bromoform	10	U	10	U	10	U	10	U		NA	10	U
Bromomethane	10	U	10	U	10	UJ	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U		NA	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA	10	U
Chlorobenzene	10	U	10	U	10	U	10	U		NA	10	U
Chloroethane	10	U	10	UJ	10	U	10	U		NA	10	U
Chloroform	2	J	10	U	10	U	10	U		NA	10	U
Chloromethane	10	UJ	10	U	10	U	10	U		NA	10	UJ
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U		NA	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	10	U
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	10	U	10	U	10	U	10	U		NA	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U		NA	10	U
tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U		NA	10	U
Total Xylenes	10	U	10	U	10	U	10	U		NA	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10	U
Trichloroethene	10	U	10	U	10	U	10	U		NA	10	U
Trichlorofluoromethane		NA		NA		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U	10	U		NA	1	U
Low Concentration Volatile Organic Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA	1	U		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	1	U		NA
1,1,2-Trichloroethane		NA		NA		NA		NA	1	U		NA
1,1-Dichloroethane		NA		NA		NA		NA	1	U		NA
1,1-Dichloroethene		NA		NA		NA		NA	1	U		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		R		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		R		NA
1,2-Dibromoethane		NA		NA		NA		NA	1	U		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		R		NA
1,2-Dichloroethane		NA		NA		NA		NA	1	UJ		NA
1,2-Dichloropropane		NA		NA		NA		NA	1	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		R		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		R		NA
2-Butanone		NA		NA		NA		NA	5	U		NA
2-Hexanone		NA		NA		NA		NA	5	U		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA	5	U		NA
Acetone		NA		NA		NA		NA		R		NA
Benzene		NA		NA		NA		NA		R		NA
Bromochloromethane		NA		NA		NA		NA	1	UJ		NA
Bromodichloromethane		NA		NA		NA		NA	1	U		NA
Bromoform		NA		NA		NA		NA	1	U		NA
Bromomethane		NA		NA		NA		NA	1	U		NA
Carbon Disulfide		NA		NA		NA		NA	1	U		NA
Carbon Tetrachloride		NA		NA		NA		NA	1	U		NA
Chlorobenzene		NA		NA		NA		NA		R		NA
Chloroethane		NA		NA		NA		NA	1	U		NA
Chloroform		NA		NA		NA		NA	1	U		NA
Chloromethane		NA		NA		NA		NA	1	U		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA	1	U		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA	1	U		NA
Dibromochloromethane		NA		NA		NA		NA	1	U		NA
Ethylbenzene		NA		NA		NA		NA		R		NA
Methylene Chloride		NA		NA		NA		NA	2	UJ		NA
Styrene		NA		NA		NA		NA		R		NA
Tetrachloroethene		NA		NA		NA		NA	1	U		NA
Toluene		NA		NA		NA		NA	1	U		NA
Total Xylenes		NA		NA		NA		NA		R		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA	1	U		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA	1	U		NA
Trichloroethene		NA		NA		NA		NA	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA	1	U		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	UJ
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		R	25	UJ	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	UJ	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	UJ
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	UJ
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA	10	UJ
Anthracene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Atrazine		NA		NA		NA		NA		NA	10	UJ
Benzaldehyde		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole	10	U	10	U	1	J	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	UJ	10	UJ	10	UJ	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	1	J	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	UJ	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U	1		10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	UJ
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.0040	J		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.50	U	0.050	U		NA	0.050	U
Aroclor, Total	1.1	U	0.56	U	0.56	U	0.56	U		NA		NA
Aroclor-1016	1.0	U	0.50	U	0.50	U	0.50	U		NA	1.0	U
Aroclor-1221	2.0	U	1.0	U	1.0	U	1.0	U		NA	0.25	U
Aroclor-1232	1.0	U	0.50	U	0.50	U	0.50	U		NA	1.0	U
Aroclor-1242	1.0	U	0.50	U	0.50	U	0.50	U		NA	1.0	U
Aroclor-1248	1.0	U	0.50	U	0.50	U	0.50	U		NA	1.0	U
Aroclor-1254	1.0	U	0.50	U	0.50	U	0.50	U		NA	0.25	U
Aroclor-1260	1.0	U	0.50	U	0.50	U	0.50	U		NA	0.25	U
Aroclor-1262	1.0	U	0.50	U	0.50	U	0.50	U		NA	0.28	U
Aroclor-1268	1.0	U	0.50	U	0.50	U	0.50	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-101S-01		RM-MF-MW-101S-02		RM-MF-MW-101S-03		RM-MF-MW-101S-04		OU2-MW-101S-05		OU2-MW-101S-07	
Sample Location	MW-101S		MW-101S		MW-101S		MW-101S		MW-101S		MW-101S	
Date Sampled	5/19/1994		8/24/1994		12/1/1994		3/29/1995		11/7/1997		12/10/2002	
Interval	9.4-14.4		9.4-14.4		9.4-14.4		9.4-14.4		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.50	U	0.050	U		NA	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.020	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		NA	5.0	U
TAL Metal Analysis (UG/L)												
Aluminum	40.9	UJ	118	U	448	UJ	244	U	17.0	U	102	U
Antimony	10.8	UJ	28.5	U	224	UJ	52.2		3.0	U	3.5	U
Arsenic	1.5	UJ	13.5	U	3.4	UJ	10.3		14.7		15.8	UJ
Barium		R		R	43.6	J		R	28.7		21.0	J
Beryllium	0.80	UJ	1.1	U	6.4	J	0.20	U	1.0	U	0.10	U
Cadmium	1.0	UJ	3.9	UJ	28.0	UJ	1.1	U	13.6		0.40	UJ
Calcium	249000	J	293000		271000	J	226000		294000		115000	
Chromium	4.4	UJ	2.8	U	35.4	J	5.7	UJ	5.3		1.5	J
Cobalt	15.6	J	25.9		46.0	UJ	2.4	U	1.0	U		R
Copper	3.1	UJ		R	42.0	UJ	3.9	UJ	2.0	U	1.3	U
Iron	354000	J	600000		693000	J	485000		224000	J	246000	
Lead	2.0	UJ	14.3	J	1.4	UJ		R	1.0	U	29.0	J
Magnesium	305000	J	488000		377000	J	412000		736000		161000	
Manganese	5870	J	5740		5610	J	4030		2470	J	2440	
Mercury	0.20	UJ	0.20	U	0.53	J	0.20	U	0.10	U	2.8	
Nickel	48.8	J	46.2		118	J	18.9		13.7	U		R
Potassium	62700	J	128000		100000	J	99200		216000		146000	J
Selenium	2.1	UJ	14.3		5.0	UJ	2.8	U	3.0	U	3.0	UJ
Silver	9.2	J		R	86.0	J	3.6	J	1.0	U		R
Sodium	1750000	J	3310000		2470000	J	2710000	J	23400		2180000	J
Thallium	2.2	UJ	9.0	UJ	3.4	UJ		R	3.0	UJ	21.9	UJ
Vanadium	48.1	J	3.5	U	46.0	UJ	10.5	J	1.0	U	1.0	U
Zinc	260	J	127		330	J	101		2.0	U	1.6	UJ
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	144			NA
Chloride		NA		NA		NA		NA	3850			NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.10	U		NA
Sulfate		NA		NA		NA		NA	783			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	UJ	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	UJ	10	U	10	U
Chloroethane	10	U	10	UJ	10	U	10	U
Chloroform	16.5		10	UJ	10	U	10	U
Chloromethane	10	U	10	UJ	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA
n-Butylbenzene		NA		NA		NA		NA
n-Propylbenzene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA
sec-Butylbenzene		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U
tert-Butylbenzene		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	UJ	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U	10	U
Low Concentration Volatile Organic Analysis (UG/L)								

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA
Acetone		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA
Styrene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Vinyl Chloride		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ
3-Nitroaniline	25	U	25	UJ	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		R	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA
Anthracene	10	U	10	U	10	U	10	U
Atrazine		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Nitrobenzene	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	0.56	U	0.56	U	0.56	U
Aroclor-1016	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1221	2.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1242	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1248	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1254	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1260	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1262	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1268	1.0	U	0.50	U	0.50	U	0.50	U
beta-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.0273		0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	UJ	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	UJ	0.10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-102D-01-AVG		RM-MF-MW-102D-02		RM-MF-MW-102D-03		RM-MF-MW-102D-04	
Sample Location	MW-102D		MW-102D		MW-102D		MW-102D	
Date Sampled	5/20/1994		8/22/1994		11/29/1994		3/27/1995	
Interval	101.5-111.5		101.5-111.5		101.5-111.5		101.5-111.5	
QC Identifier	Field Duplicate 1001		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.0030	J
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	UJ	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U
TAL Metal Analysis (UG/L)								
Aluminum	40.1	U	21.3	U	41.2	UJ	24.0	UJ
Antimony	14.7	U	28.5	U	14.1	UJ	18.8	U
Arsenic	1.5	U	0.90	U	1.7	U	1.8	U
Barium	18.15		24.7		22.1		29.6	
Beryllium	0.40	U	0.20	U	0.30	U	0.20	U
Cadmium	1.15	U	3.9	UJ	1.4	UJ	1.1	U
Calcium	22400		28800		20000		28900	
Chromium	2.5	U	2.8	U	3.5		5.7	UJ
Cobalt	3.15	U	4.1	U	2.8	UJ	2.4	U
Copper	3.6	U	3.0	U	2.2	UJ	3.9	UJ
Iron	151.5	U	280		405		277	
Lead	1.6	U	1.4	J	2.6	J	0.40	UJ
Magnesium	4950		6410		4730		8140	
Manganese	795.5		1470		651		1330	
Mercury	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	6.5	U	13.3	U	6.2	J	5.2	U
Potassium	5240		6030		4890		7210	
Selenium	2.1	U	1.0	U	2.5	UJ	2.8	U
Silver		NA	2.6	UJ	2.4	U	1.8	U
Sodium	21400		17500		24100		15300	
Thallium	2.2	U	0.90	U	1.7	U	3.1	U
Vanadium	2.2	U	3.5	U	2.3	U	2.9	U
Zinc	14.45	U	25.9	U	89.0		36.0	U
Wet Chemistry Analysis								
Alkalinity		NA		NA		NA		NA
Chloride		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane		NA	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA		NA
1,1,2-Trichloroethane		NA	10	U	10	U	10	U	10	U
1,1-Dichloroethane		NA	10	U	10	U	10	UJ	10	U
1,1-Dichloroethene		NA	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA		NA
1,2-Dibromoethane		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dichloroethane		NA	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	10	U	10	U	10	U
1,2-Dichloropropane		NA	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dioxane		NA	100	UJ		NA		NA		NA
2-Butanone		NA	10	U	10	U	10	U	10	U
2-Hexanone		NA	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone		NA	10	U	10	U	10	U	10	U
Acetone		NA	10	UJ	10	U	10	U	10	U
Benzene		NA	10	U	10	U	10	U	10	U
Bromodichloromethane		NA	10	U	10	U	10	U	10	U
Bromoform		NA	10	U	10	U	10	U	10	U
Bromomethane		NA	10	U	10	U	10	U	10	U
Carbon Disulfide		NA	10	U	10	U	10	U	10	U
Carbon Tetrachloride		NA	10	U	10	U	10	U	10	U
Chlorobenzene		NA	10	U	10	U	10	UJ	10	U
Chloroethane		NA	10	U	10	U	10	UJ	10	U
Chloroform		NA	10	U	10	U	10	UJ	10	U
Chloromethane		NA	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene		NA	10	U		NA		NA		NA
cis-1,3-Dichloropropene		NA	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA		NA		NA
Dibromochloromethane		NA	10	U	10	U	10	U	10	U
Dichlorodifluoromethane		NA	10	UJ		NA		NA		NA
Ethylbenzene		NA	10	U	10	U	10	U	10	U
Isopropylbenzene		NA	10	U		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA	10	U		NA		NA		NA
Methylene Chloride		NA	10	U	10	U	10	U	10	U
Styrene		NA	10	U	10	U	10	U	10	U
Tetrachloroethene		NA	10	U	10	U	10	U	10	U
Toluene		NA	10	U	2		10	U	10	U
Total Xylenes		NA	10	U	10	U	10	UJ	10	U
trans-1,2-Dichloroethene		NA	10	U		NA		NA		NA
trans-1,3-Dichloropropene		NA	10	U	10	U	10	U	10	U
Trichloroethene		NA	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA	10	U		NA		NA		NA
Vinyl Chloride		NA	1	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	1	U		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	1	U		NA		NA		NA		NA
1,1,2-Trichloroethane	1	U		NA		NA		NA		NA
1,1-Dichloroethane	1	U		NA		NA		NA		NA
1,1-Dichloroethene	1	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	1	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane	1	U		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U		NA		NA		NA		NA
1,2-Dichloroethane	1	U		NA		NA		NA		NA
1,2-Dichloropropane	1	U		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U		NA		NA		NA		NA
2-Butanone	5	U		NA		NA		NA		NA
2-Hexanone	5	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	5	U		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA		NA
Bromochloromethane	1	U		NA		NA		NA		NA
Bromodichloromethane	1	U		NA		NA		NA		NA
Bromoform	1	U		NA		NA		NA		NA
Bromomethane	1	U		NA		NA		NA		NA
Carbon Disulfide	1	U		NA		NA		NA		NA
Carbon Tetrachloride	1	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene	1	U		NA		NA		NA		NA
Chloroethane	1	U		NA		NA		NA		NA
Chloroform	1	U		NA		NA		NA		NA
Chloromethane	1	U		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA
cis-1,3-Dichloropropene	1	U		NA		NA		NA		NA
Dibromochloromethane	1	U		NA		NA		NA		NA
Ethylbenzene	1	U		NA		NA		NA		NA
Methylene Chloride	2	U		NA		NA		NA		NA
Styrene	1	U		NA		NA		NA		NA
Tetrachloroethene	1	U		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA		NA
Total Xylenes	1	U		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	1	U		NA		NA		NA		NA
Trichloroethene	1	U		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U		NA	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U		NA	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U		NA	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	UJ	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	U	25	UJ	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	UJ		NA		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA		NA		NA
Benzaldehyde		NA	10	U		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U	0.56	U	0.56	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.50	U	0.50	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.50	U	0.50	U
Aroclor-1262	1.0	U	0.28	U	1.0	U	0.50	U	0.50	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	17.0	U	10.4	U	103	U	89.4	U	192	
Antimony	3.0	U	3.5	U	14.7	U	28.5	U	11.2	U
Arsenic	3.0	U	2.9	U	1.5	U	0.90	U	1.7	U
Barium	35.4		35.6		60.2		39.4		40.7	
Beryllium	1.0	U	0.10	U	0.40	U	0.20	U	0.30	U
Cadmium	1.0	U	0.40	U	1.1	U	3.9	UJ	1.4	UJ
Calcium	24850		22600		28100		21800		24300	
Chromium	1.0	U	0.90	U	2.5	U	2.8	U	1.7	U
Cobalt	2.65	U	1.5	J	2.4	U	4.1	U	2.5	UJ
Copper	2.0	U	1.3	UJ	6.3		4.6	J	4.6	UJ
Cyanide		NA	10.0	U		NA		NA		NA
Iron	642		1610		680		503		3390	
Lead	1.0	U	2.3	U	2.0		1.1	J	1.7	J
Magnesium	9435		9170		3790		2940		3380	
Manganese	696.5		424		21.9		19.4	J	62.4	
Mercury	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	9.45	U	5.0	U	6.5	U	13.3	U	3.9	J
Potassium	6770		5850		4080		3730		4130	
Selenium	3.0	U	3.0	UJ	2.1	U	1.0	J	2.5	UJ
Silver	1.0	U	1.1	UJ	0.00		2.6	UJ	2.4	U
Sodium	15500		11000		17600		20200		19600	
Thallium	3.0	U	5.0	UJ	2.2	U	0.90	U	1.7	UJ
Vanadium	1.0	U	1.5	UJ	2.2	U	3.5	U	2.3	U
Zinc	51.7		13.7	U	46.2	U	14.5	U	17.7	U
Wet Chemistry Analysis										
Alkalinity	47.5			NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-102D-05-AVG		OU2-MW-102D-07		MF-MW-102M-01-AVG		RM-MF-MW-102M-02		RM-MF-MW-102M-03	
Sample Location	MW-102D		MW-102D		MW-102M		MW-102M		MW-102M	
Date Sampled	11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	0.0-0.0		0.0-0.0		20.0-30.0		20.0-30.0		20.0-30.0	
QC Identifier	Field Duplicate 1		None		Field Dup. MF-MW-102M-01		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride	32.65			NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	0.255			NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate	48.4			NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	10	U		NA	10	U	5	J	10	U	3.5	
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA		NA
1,1,2-Trichloroethane	10	U		NA	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U		NA	10	U	10	U	10	UJ	10	U
1,1-Dichloroethene	10	U		NA	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA		NA
1,2-Dibromoethane		NA		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,2-Dichloroethane	10	U		NA	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U		NA		NA	10	U	10	U	10	U
1,2-Dichloropropane	10	U		NA	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,4-Dioxane		NA		NA	100	UJ		NA		NA		NA
2-Butanone	10	U		NA	10	U	10	UJ	10	U	10	U
2-Hexanone	10	U		NA	10	U	10	UJ	10	U	10	U
4-Methyl-2-Pentanone	10	U		NA	10	U	10	UJ	10	U	10	U
Acetone	10	U		NA	10	UJ	10	U	10	U	10	U
Benzene	10	U		NA	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U		NA	10	U	10	U	10	U	10	U
Bromoform	10	U		NA	10	U	10	U	10	U	10	U
Bromomethane	10	U		NA	10	U	10	UJ	10	U	10	U
Carbon Disulfide	10	U		NA	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U		NA	10	U	10	U	10	U	10	U
Chlorobenzene	10	U		NA	10	U	10	U	10	UJ	10	U
Chloroethane	10	U		NA	10	U	10	U	10	UJ	10	U
Chloroform	10	U		NA	9	J	10	U	10	UJ	10	U
Chloromethane	10	UJ		NA	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene		NA		NA	10	U		NA		NA		NA
cis-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA	10	U		NA		NA		NA
Dibromochloromethane	10	U		NA	10	U	10	U	10	U	10	U
Dichlorodifluoromethane		NA		NA	10	UJ		NA		NA		NA
Ethylbenzene	10	U		NA	10	U	10	U	10	U	10	U
Isopropylbenzene		NA		NA	10	U		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA	10	U		NA		NA		NA
Methylene Chloride	10	U		NA	10	U	10	U	10	U	10	U
Styrene	10	U		NA	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U		NA	10	U	10	U	10	U	10	U
Toluene	10	U		NA	10	U	10	U	10	U	10	U
Total Xylenes	10	U		NA	10	U	10	U	5	J	10	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA		NA
trans-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10	U
Trichloroethene	10	U		NA	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA		NA	10	U		NA		NA		NA
Vinyl Chloride	10	U		NA	1	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA	0.7	J		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA	1	U		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	1	U		NA		NA		NA		NA
1,1-Dichloroethane		NA	1	U		NA		NA		NA		NA
1,1-Dichloroethene		NA	1	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	1	UJ		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		R		NA		NA		NA		NA
1,2-Dibromoethane		NA	1	U		NA		NA		NA		NA
1,2-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
1,2-Dichloroethane		NA	1	UJ		NA		NA		NA		NA
1,2-Dichloropropane		NA	1	U		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
2-Butanone		NA	5	U		NA		NA		NA		NA
2-Hexanone		NA	5	U		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	5	U		NA		NA		NA		NA
Acetone		NA		R		NA		NA		NA		NA
Benzene		NA	1	U		NA		NA		NA		NA
Bromochloromethane		NA	1	UJ		NA		NA		NA		NA
Bromodichloromethane		NA	1	U		NA		NA		NA		NA
Bromoform		NA	1	U		NA		NA		NA		NA
Bromomethane		NA	1	U		NA		NA		NA		NA
Carbon Disulfide		NA	1	U		NA		NA		NA		NA
Carbon Tetrachloride		NA	1	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA	1	U		NA		NA		NA		NA
Chloroethane		NA	1	U		NA		NA		NA		NA
Chloroform		NA	1	U		NA		NA		NA		NA
Chloromethane		NA	1	U		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA
Dibromochloromethane		NA	1	U		NA		NA		NA		NA
Ethylbenzene		NA	1	U		NA		NA		NA		NA
Methylene Chloride		NA	2	UJ		NA		NA		NA		NA
Styrene		NA	1	U		NA		NA		NA		NA
Tetrachloroethene		NA	1	U		NA		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA		NA
Total Xylenes		NA	1	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA
Trichloroethene		NA	1	U		NA		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	UJ	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA	10	U		NA		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA		NA	10	UJ		NA		NA		NA
Benzaldehyde		NA		NA	10	UJ		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	UJ	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA	10	U		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	UJ	10	U	10	U
Total PAH	10	U	10	U		NA	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	1.1	U		NA	1.1	U	0.56	U	0.56	U
Aroclor-1016	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1221	1.0	U	2.0	U	0.25	U	2.0	U	1.0	U	1.0	U
Aroclor-1232	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1242	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1248	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1254	0.50	U	1.0	U	0.25	U	1.0	U	0.50	U	0.50	U
Aroclor-1260	0.50	U	1.0	U	0.25	U	1.0	U	0.50	U	0.50	U
Aroclor-1262	0.50	U	1.0	U	0.28	U	1.0	U	0.50	U	0.50	U
Aroclor-1268	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U	0.50	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	UJ	0.14		0.0175	
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	109	U	17.0	U	19.9	UJ	76.3	U	313	U	22.95	U
Antimony	18.8	U	3.0	U	3.5	U	14.7	U	28.5	U		NA
Arsenic	1.8	U	3.0	U	2.9	U	183		186	J	245.5	
Barium	36.2		30.6		29.8		34.6		123	J	22.35	
Beryllium	0.20	U	1.0	U	0.10	U	0.40	U	0.20	U	0.30	U
Cadmium	1.1	U	1.0	U	0.40	U	3.1	U	3.9	UJ	1.4	U
Calcium	25200	U	24200		23600		77700		113000		95250	
Chromium	5.7	UJ	1.0	U	0.90	U	15.3	J	13.7	U	1.7	U
Cobalt	2.4	U	1.0	U	1.0	U	6.3	U	9.3		2.4	U
Copper	3.9	UJ	2.0	U	1.3	UJ	56.0		138	J	2.1	U
Cyanide		NA		NA	10.0	U		NA		NA		NA
Iron	548		11.0	UJ	20.7	J	69700		110000		141500	
Lead	1.4	UJ	1.0	U	2.3	U	25.1		101	J		NA
Magnesium	3320		3180		3040		10800		15800		13700	
Manganese	8.8	U	2.6	UJ	10.8		729		1240		950	
Mercury	0.20	U	0.10	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	5.2	U	2.5	U	3.7	U	47.3		52.4		7.9	
Potassium	3680		3460		3480		11900		15200		15850	
Selenium	2.8	U	3.0	U	3.0	UJ	2.1	UJ	1.0	UJ	2.85	
Silver	1.8	U	1.0	U	1.1	UJ	7.1	J		R	9.9	
Sodium	14100		16100		11900		17200		27500	J	22350	
Thallium	3.1	U	3.0	U	4.1	UJ	2.2	U	0.90	UJ	1.7	U
Vanadium	2.9	U	1.0	U	1.5	UJ	2.8	J	3.5	U	2.3	U
Zinc	67.9		27.2		8.6	U	927		970		206.5	
Wet Chemistry Analysis												
Alkalinity		NA	38.9			NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102M-04		OU2-MW-102M-05		OU2-MW-102M-07		MF-MW-102S-01		RM-MF-MW-102S-02		RM-MF-MW-102S-03-AVG	
Sample Location	MW-102M		MW-102M		MW-102M		MW-102S		MW-102S		MW-102S	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		5/20/1994		8/22/1994		11/29/1994	
Interval	20.0-30.0		0.0-0.0		0.0-0.0		6.0-10.0		6.0-10.0		6.0-10.0	
QC Identifier	None		None		None		None		None		Field Duplicate 1005	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA	19.4			NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA	24.1			NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	2			NA	2	J		NA		NA
1,1,2,2-Tetrachloroethane	10	U		NA	10	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U		NA	10	U		NA		NA
1,1-Dichloroethane	10	U		NA	10	U		NA		NA
1,1-Dichloroethene	10	U		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA
1,2-Dibromoethane		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U		NA	10	U		NA		NA
1,2-Dichloroethene (total)	10	U		NA		NA		NA		NA
1,2-Dichloropropane	10	U		NA	10	U		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dioxane		NA		NA	150	J		NA		NA
2-Butanone	10	U		NA	10	U		NA		NA
2-Hexanone	10	U		NA	10	U		NA		NA
4-Methyl-2-Pentanone	10	U		NA	10	U		NA		NA
Acetone	10	U		NA	10	UJ		NA		NA
Benzene	10	U		NA	10	U		NA		NA
Bromodichloromethane	10	U		NA	10	U		NA		NA
Bromoform	10	U		NA	10	U		NA		NA
Bromomethane	10	U		NA	10	U		NA		NA
Carbon Disulfide	10	U		NA	10	U		NA		NA
Carbon Tetrachloride	10	U		NA	10	U		NA		NA
Chlorobenzene	10	U		NA	10	U		NA		NA
Chloroethane	10	U		NA	10	U		NA		NA
Chloroform	10	U		NA	10	U		NA		NA
Chloromethane	10	U		NA	10	U		NA		NA
cis-1,2-Dichloroethene		NA		NA	10	U		NA		NA
cis-1,3-Dichloropropene	10	U		NA	10	U		NA		NA
Cyclohexane		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U		NA	10	U		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA		NA
Ethylbenzene	10	U		NA	10	U		NA		NA
Isopropylbenzene		NA		NA	10	U		NA		NA
Methyl Acetate		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA	10	U		NA		NA
Methylene Chloride	10	U		NA	10	U		NA		NA
Styrene	10	U		NA	10	U		NA		NA
Tetrachloroethene	10	U		NA	10	U		NA		NA
Toluene	10	U		NA	10	U		NA		NA
Total Xylenes	10	U		NA	10	U		NA		NA
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U		NA	10	U		NA		NA
Trichloroethene	10	U		NA	10	U		NA		NA
Trichlorofluoromethane		NA		NA	10	U		NA		NA
Vinyl Chloride	10	U		NA	1	U		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA	1	UJ		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA	1	U		NA		NA		NA
1,1,2-Trichloroethane		NA	1	U		NA		NA		NA
1,1-Dichloroethane		NA	1	J		NA		NA		NA
1,1-Dichloroethene		NA	1	U		NA		NA		NA
1,2,4-Trichlorobenzene		NA	1	UJ		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		R		NA		NA		NA
1,2-Dibromoethane		NA	1	U		NA		NA		NA
1,2-Dichlorobenzene		NA	1	U		NA		NA		NA
1,2-Dichloroethane		NA	1	UJ		NA		NA		NA
1,2-Dichloropropane		NA	1	U		NA		NA		NA
1,3-Dichlorobenzene		NA	1	U		NA		NA		NA
1,4-Dichlorobenzene		NA	1	U		NA		NA		NA
2-Butanone		NA	6			NA		NA		NA
2-Hexanone		NA	5	U		NA		NA		NA
4-Methyl-2-Pentanone		NA	5	U		NA		NA		NA
Acetone		NA		R		NA		NA		NA
Benzene		NA	1	U		NA		NA		NA
Bromochloromethane		NA	1	U		NA		NA		NA
Bromodichloromethane		NA	1	U		NA		NA		NA
Bromoform		NA	1	U		NA		NA		NA
Bromomethane		NA	1	U		NA		NA		NA
Carbon Disulfide		NA	1	U		NA		NA		NA
Carbon Tetrachloride		NA	1	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA	1	U		NA		NA		NA
Chloroethane		NA	1	U		NA		NA		NA
Chloroform		NA	1	U		NA		NA		NA
Chloromethane		NA	1	U		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA
cis-1,3-Dichloropropene		NA	1	U		NA		NA		NA
Dibromochloromethane		NA	1	U		NA		NA		NA
Ethylbenzene		NA	1	U		NA		NA		NA
Methylene Chloride		NA	2	UJ		NA		NA		NA
Styrene		NA	1	U		NA		NA		NA
Tetrachloroethene		NA	1	U		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA
Total Xylenes		NA	1	U		NA		NA		NA
trans-1,2-Dichloroethene		NA	1	U		NA		NA		NA
trans-1,3-Dichloropropene		NA	1	U		NA		NA		NA
Trichloroethene		NA	1	U		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA	100	U	1	U
1,1-Dichloroethane		NA		NA		NA	100	U	1	U
1,1-Dichloroethene		NA		NA		NA	100	U	1	U
1,2-Dichloroethane		NA		NA		NA	100	U	1	U
Benzene		NA		NA		NA	440		1	U
Chlorobenzene		NA		NA		NA	100	U	1	U
cis-1,2-Dichloroethene		NA		NA		NA	100	U	1	U
Ethylbenzene		NA		NA		NA	930		3.6	
m&p-Xylene		NA		NA		NA	2500		3.2	
o-Xylene		NA		NA		NA	150		1	U
Tetrachloroethene		NA		NA		NA	100	U	1	U
Toluene		NA		NA		NA	100	U	1	U
trans-1,2-Dichloroethene		NA		NA		NA	100	U	1	U
Trichloroethene		NA		NA		NA	100	U	1	U
Vinyl Chloride		NA		NA		NA	100	U	1	U
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	25	U	25	U	25	U		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	10	U	10	U	10	U		NA		NA
2-Chlorophenol	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	10	U	10	U	10	U		NA		NA
2-Methylphenol	10	U	10	U	10	U		NA		NA
2-Nitroaniline	25	U	25	U	25	UJ		NA		NA
2-Nitrophenol	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U		NA		NA
3-Nitroaniline	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA
4-Chloroaniline	10	U	10	U	10	UJ		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA		NA
4-Methylphenol	10	U	10	U	10	UJ		NA		NA
4-Nitroaniline	25	U	25	U	25	UJ		NA		NA
4-Nitrophenol	25	U	25	U	25	UJ		NA		NA
Acenaphthene	10	U	10	U	10	U		NA		NA
Acenaphthylene	10	U	10	U	10	U		NA		NA
Acetophenone		NA		NA	10	UJ		NA		NA
Anthracene	10	U	10	U	10	U		NA		NA
Atrazine		NA		NA	10	U		NA		NA
Benzaldehyde		NA		NA	10	U		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	10	U	10	U	10	U		NA		NA
Benzo(k)fluoranthene	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	10	U	10	U	10	U		NA		NA
Caprolactam		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA		NA
Dibenzofuran	10	U	10	U	10	U		NA		NA
Diethylphthalate	10	U	10	U	10	U		NA		NA
Dimethylphthalate	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	10	U	10	U	10	UJ		NA		NA
Fluoranthene	10	U	10	U	10	U		NA		NA
Fluorene	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U		NA		NA
Hexachloroethane	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U		NA		NA
Isophorone	10	U	10	U	10	U		NA		NA
Naphthalene	10	U	10	U	10	U		NA		NA
Nitrobenzene	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ		NA		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA		NA
Pentachlorophenol	25	U	25	U	25	U		NA		NA
Phenanthrene	10	U	10	U	10	U		NA		NA
Phenol	10	U	10	U	10	U		NA		NA
Pyrene	10	U	10	U	10	U		NA		NA
Total PAH	10	U	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC	0.050	U	0.050	U	0.050	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA		NA
Aroclor, Total	0.56	U	1.1	U		NA		NA		NA
Aroclor-1016	0.50	U	1.0	U	1.0	U		NA		NA
Aroclor-1221	1.0	U	2.0	U	0.25	U		NA		NA
Aroclor-1232	0.50	U	1.0	U	1.0	U		NA		NA
Aroclor-1242	0.50	U	1.0	U	1.0	U		NA		NA
Aroclor-1248	0.50	U	1.0	U	1.0	U		NA		NA
Aroclor-1254	0.50	U	1.0	U	0.25	U		NA		NA
Aroclor-1260	0.50	U	1.0	U	0.25	U		NA		NA
Aroclor-1262	0.50	U	1.0	U	0.28	U		NA		NA
Aroclor-1268	0.50	U	1.0	U	1.0	U		NA		NA
beta-BHC	0.050	U	0.050	U	0.050	U		NA		NA
delta-BHC	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin	0.10	U	0.10	U	0.050	U		NA		NA
Endosulfan I	0.050	U	0.050	U	0.050	U		NA		NA
Endosulfan II	0.10	U	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA		NA
Endrin	0.10	U	0.10	U	0.050	U		NA		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA		NA
gamma-BHC	0.050	U	0.050	U	0.050	U		NA		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor	0.050	U	0.050	U	0.020	U		NA		NA
Heptachlor Epoxide	0.050	U	0.050	U	0.020	U		NA		NA
Methoxychlor	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene	5.0	U	5.0	U	5.0	U		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	49.9	U	815		1780			NA		NA
Antimony	18.8	U	3.0	U	3.5	U		NA		NA
Arsenic	198		131		110			NA		NA
Barium	14.2		19.3		22.3	J		NA		NA
Beryllium	0.20	U	1.0	U		R		NA		NA
Cadmium	1.1	U	7.6		0.40	UJ		NA		NA
Calcium	65400		105000		72300			NA		NA
Chromium	5.7	U	1.0	U	0.90	U		NA		NA
Cobalt	2.4	U	7.5	U	5.7	J		NA		NA
Copper	3.9	U	1360			R		NA		NA
Cyanide		NA		NA	10.0	U		NA		NA
Iron	99050		135000	J	136000			NA		NA
Lead	4.9			R	20.2			NA		NA
Magnesium	8760		11600		7400			NA		NA
Manganese	564		672	J	569			NA		NA
Mercury	0.20	U	0.10	U	0.25			NA		NA
Nickel	5.2	U	61.6		38.2	J		NA		NA
Potassium	11850		17800	J	13400			NA		NA
Selenium	2.8	U	4.0	J	4.9	UJ		NA		NA
Silver	4.6		1.0	U		R		NA		NA
Sodium	15350		25100		11600			NA		NA
Thallium	3.1	U	3.4	J	20.4	UJ		NA		NA
Vanadium	5.3		1.0	U		R		NA		NA
Zinc	39.8	U	216		408			NA		NA
Wet Chemistry Analysis										
Alkalinity		NA	54.5			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-102S-04-AVG		OU2-MW-102S-05		OU2-MW-102S-07		OU2-DP10-3-0813		OU2-DP10-3A-1823	
Sample Location	MW-102S		MW-102S		MW-102S		DP10-3		DP10-3A	
Date Sampled	3/27/1995		11/6/1997		12/12/2002		8/14/1997		8/14/1997	
Interval	6.0-10.0		0.0-0.0		0.0-0.0		8.0-13.0		18.0-23.0	
QC Identifier	Field Duplicate 1006		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA	14.1			NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA	296			NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U		NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethane	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethene	10	U	10	U	10	U	10	U		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethene (total)	10	U	10	U	10	U	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA
2-Butanone	3	J	10	U	10	U	10	U		NA
2-Hexanone	10	U	10	U	10	U	10	U		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U		NA
Acetone	10	U	10	U	10	U	10	U		NA
Benzene	10	U	10	U	10	U	10	U		NA
Bromodichloromethane	10	U	10	U	10	U	10	U		NA
Bromoform	10	U	10	U	10	U	10	U		NA
Bromomethane	10	UJ	10	U	10	U	10	U		NA
Carbon Disulfide	10	U	10	U	10	U	10	U		NA
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA
Chlorobenzene	10	U	10	U	10	U	10	U		NA
Chloroethane	10	U	10	UJ	10	U	10	U		NA
Chloroform	10	U	10	U	10	U	10	U		NA
Chloromethane	2	J	10	U	10	U	10	U		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA
Cyclohexane		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U		NA
Isopropylbenzene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U		NA
Styrene	10	U	10	U	10	U	10	U		NA
Tetrachloroethene	10	U	10	U	10	U	10	U		NA
Toluene	10	U	10	U	10	U	10	U		NA
Total Xylenes	10	U	10	U	10	U	10	U		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA
Trichloroethene	10	U	10	U	10	U	10	U		NA
Trichlorofluoromethane		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	10	U	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA	1	U
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	1	U
1,1,2-Trichloroethane		NA		NA		NA		NA	1	U
1,1-Dichloroethane		NA		NA		NA		NA	1	U
1,1-Dichloroethene		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	1	UJ
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		R
1,2-Dibromoethane		NA		NA		NA		NA	1	U
1,2-Dichlorobenzene		NA		NA		NA		NA	1	U
1,2-Dichloroethane		NA		NA		NA		NA	1	UJ
1,2-Dichloropropane		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene		NA		NA		NA		NA	1	U
2-Butanone		NA		NA		NA		NA	5	U
2-Hexanone		NA		NA		NA		NA	5	U
4-Methyl-2-Pentanone		NA		NA		NA		NA	5	U
Acetone		NA		NA		NA		NA		R
Benzene		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA	1	UJ
Bromodichloromethane		NA		NA		NA		NA	1	U
Bromoform		NA		NA		NA		NA	1	U
Bromomethane		NA		NA		NA		NA	1	U
Carbon Disulfide		NA		NA		NA		NA	1	U
Carbon Tetrachloride		NA		NA		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA	1	U
Chloroethane		NA		NA		NA		NA	1	U
Chloroform		NA		NA		NA		NA	1	U
Chloromethane		NA		NA		NA		NA	1	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	1	U
cis-1,3-Dichloropropene		NA		NA		NA		NA	1	U
Dibromochloromethane		NA		NA		NA		NA	1	U
Ethylbenzene		NA		NA		NA		NA	1	U
Methylene Chloride		NA		NA		NA		NA	2	UJ
Styrene		NA		NA		NA		NA	1	U
Tetrachloroethene		NA		NA		NA		NA	1	U
Toluene		NA		NA		NA		NA	1	U
Total Xylenes		NA		NA		NA		NA	1	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	1	U
trans-1,3-Dichloropropene		NA		NA		NA		NA	1	U
Trichloroethene		NA		NA		NA		NA	1	U
Vinyl Chloride		NA		NA		NA		NA	1	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		NA	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA
Anthracene	10	U	10	UJ	10	U	10	U	10	U
Atrazine		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	UJ	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	UJ	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	UJ	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	UJ	0.050	U	0.50	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	0.56	U	0.56	U	0.56	U	1.1	U
Aroclor-1016	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1221	2.0	UJ	1.0	U	1.0	U	1.0	U	2.0	U
Aroclor-1232	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1242	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1248	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1254	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1260	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1262	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1268	1.0	UJ	0.50	U	0.50	U	0.50	U	1.0	U
beta-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	UJ	0.10	U	0.10	U	0.0255		0.10	U
Endrin	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	UJ	0.050	U	0.50	U	0.050	U	0.050	U
Heptachlor	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	UJ	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	UJ	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	107	UJ	36.0	J	155	U	571		156	U
Antimony	10.8	UJ	28.5	U	11.2	U	18.8	U	3.0	U
Arsenic	1.5	UJ	0.90	UJ	1.775		1.8	U	3.0	U
Barium	33.8	J	26.2		27.8		32.6		24.4	
Beryllium	0.80	UJ	0.20	U	0.365	U	0.665	U	1.0	U
Cadmium	1.0	UJ	3.9	UJ	1.4	U	1.3	U	1.0	U
Calcium	50500	J	27000		38550		48550		33200	
Chromium	4.4	UJ	2.8	U	1.75	U	7.95		2.3	
Cobalt	47.5	J	16.6		33.05		55.95		35.6	
Copper	3.1	UJ	3.0	U	2.65	U	3.9	U	2.0	U
Cyanide		NA		NA		NA		NA		NA
Iron	23600	J	17100		13900		7445		7150	J
Lead	10.1	J	2.8	J	0.90	U	5.77		1.0	U
Magnesium	18700	J	9460		14450		18400		14800	
Manganese	16700	J	8280		11500		13850		7000	J
Mercury	0.20	UJ	0.20	U	0.20	U	0.20	U	0.10	U
Nickel	35.0	J	24.5	J	37.95		64.35		28.6	U
Potassium	10400	J	9070		9575		9910		7650	
Selenium	5.8	J	1.0	U	2.5	U	2.8	U	3.9	J
Silver		R	2.6	UJ	2.4	U	1.65		1.0	U
Sodium	80600	J	99600		73800		66150		65700	
Thallium	2.2	UJ	0.90	U	1.7	U	3.1	U	3.0	U
Vanadium	3.8	J	3.5	U	2.3	U	2.9	U	1.0	U
Zinc	77.2	J	38.3		133.5		112.5		42.6	
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA	21.7	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MF-MW-103D-01		RM-MF-MW-103D-02		RM-MF-MW-103D-03-AVG		RM-MF-MW-103D-04-AVG		OU2-MW-103D-05	
Sample Location	MW-103D		MW-103D		MW-103D		MW-103D		MW-103D	
Date Sampled	5/19/1994		8/24/1994		12/2/1994		3/29/1995		11/6/1997	
Interval	73.0-83.0		73.0-83.0		73.0-83.0		73.0-83.0		0.0-0.0	
QC Identifier	None		None		Field Duplicate 1007		Field Duplicate 1008		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	86.4	
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	1.85	
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	136	
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dioxane	100	UJ		NA		NA		NA		NA
2-Butanone	10	UJ	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	UJ	10	U	10	U	10	U	10	U
Benzene	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	UJ	10	U	10	UJ	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	UJ	10	U	10	U
Chloroform	10	U	1	J	10	U	10	U	10	U
Chloromethane	10	U	1	J	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	10	UJ		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Isopropylbenzene	10	U		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	J		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	U		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	UJ
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	UJ
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	UJ	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA		NA		NA		NA
Anthracene	10	U	10	U	10	UJ	10	U	10	UJ
Atrazine	10	UJ		NA		NA		NA		NA
Benzaldehyde	10	U		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	UJ	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	1	J	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	UJ	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	UJ	10	UJ	10	UJ
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	UJ	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	UJ	10	U	10	U	10	U
Total PAH		NA	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	UJ	0.10	U	0.10	U	0.0020	J
4,4'-DDE	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	UJ	0.050	U	0.50	U	0.050	U
Aroclor, Total		NA	1.1	U	0.56	U	0.56	U	0.56	U
Aroclor-1016	1.0	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1221	0.25	U	2.0	UJ	1.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1242	1.0	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1248	1.0	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1254	0.25	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1260	0.25	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1262	0.28	U	1.0	UJ	0.50	U	0.50	U	0.50	U
Aroclor-1268	1.0	U	1.0	UJ	0.50	U	0.50	U	0.50	U
beta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	UJ	0.050	U	0.50	U	0.050	U
Heptachlor	0.020	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	UJ	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	156	UJ	110	UJ	21.3	U	22.4	U	30.5	UJ
Antimony	9.9	U	10.8	UJ	28.5	U	11.2	U	18.8	U
Arsenic	5.0	U	1.9	J	0.90	UJ	1.7	U	1.8	U
Barium	27.7		52.3	J	67.7		56.0	J	54.3	
Beryllium	0.90	U	0.80	UJ	0.20	U	0.30	U	0.20	U
Cadmium	0.70	U	1.1	UJ	3.9	UJ	1.4	U	1.1	U
Calcium	23100		39300	J	43400		33800		28600	
Chromium	0.79	J	4.4	UJ	2.8	U	1.7	UJ	5.7	UJ
Cobalt	12.4	J	3.9	J	4.1	U	2.3	U	2.4	U
Copper	5.8	U	5.2	UJ	4.0	J	7.0	U	8.5	J
Cyanide		NA		NA		NA		NA		NA
Iron	6010		809	J	217		326		378	
Lead	2.4	U	3.1	UJ	2.1	J	1.2	UJ	0.40	UJ
Magnesium	10500		25400	J	26900		22000		17700	
Manganese	4740		1460	J	668		342		536	
Mercury	0.10	U	0.20	UJ	0.20	U	0.20	U	0.20	U
Nickel	8.5	J	4.5	UJ	13.3	U	3.5	UJ	5.2	U
Potassium	9350		13700	J	16000		13700		11600	
Selenium	4.3	U	2.1	UJ	1.0	U	2.5	U	2.8	U
Silver	1.3	U		R	2.6	UJ	2.4	U	1.8	U
Sodium	74500		129000	J	159000		142000		97700	
Thallium	4.2	U	2.2	UJ	0.90	U	1.7	U	3.1	U
Vanadium	5.9	U	2.6	UJ	3.5	U	2.3	U	2.9	U
Zinc	16.1		36.9	UJ	49.7		29.3	U	28.8	UJ
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103D-07		MF-MW-103M-01		RM-MF-MW-103M-02		RM-MF-MW-103M-03		RM-MF-MW-103M-04	
Sample Location	MW-103D		MW-103M		MW-103M		MW-103M		MW-103M	
Date Sampled	12/5/2002		5/19/1994		8/24/1994		12/2/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA	10	U		NA		NA	24	
1,1,2,2-Tetrachloroethane		NA	10	U		NA		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA		NA
1,1,2-Trichloroethane		NA	10	U		NA		NA	10	U
1,1-Dichloroethane		NA	1	J		NA		NA	20	
1,1-Dichloroethene		NA	10	U		NA		NA	19	J
1,2,4-Trichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA		NA
1,2-Dibromoethane		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dichloroethane		NA	10	U		NA		NA	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA	130	
1,2-Dichloropropane		NA	10	U		NA		NA	10	U
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dioxane		NA	100	UJ		NA		NA		NA
2-Butanone		NA	10	UJ		NA		NA	10	U
2-Hexanone		NA	10	U		NA		NA	10	U
4-Methyl-2-Pentanone		NA	10	U		NA		NA	10	U
Acetone		NA	10	UJ		NA		NA	17	
Benzene		NA	10	U		NA		NA	10	U
Bromodichloromethane		NA	10	U		NA		NA	10	U
Bromoform		NA	10	U		NA		NA	10	U
Bromomethane		NA	10	U		NA		NA	10	U
Carbon Disulfide		NA	10	U		NA		NA	10	U
Carbon Tetrachloride		NA	10	U		NA		NA	10	U
Chlorobenzene		NA	10	U		NA		NA	4	J
Chloroethane		NA	10	U		NA		NA	10	U
Chloroform		NA	10	U		NA		NA	1	J
Chloromethane		NA	10	U		NA		NA	10	U
cis-1,2-Dichloroethene		NA	10	U		NA		NA		NA
cis-1,3-Dichloropropene		NA	10	U		NA		NA	10	U
Cyclohexane		NA	10	U		NA		NA		NA
Dibromochloromethane		NA	10	U		NA		NA	10	U
Dichlorodifluoromethane		NA	10	UJ		NA		NA		NA
Ethylbenzene		NA	10	U		NA		NA	10	U
Isopropylbenzene		NA	10	U		NA		NA		NA
Methyl Acetate		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
Methylcyclohexane		NA	10	U		NA		NA		NA
Methylene Chloride		NA	10	U		NA		NA	10	U
Styrene		NA	10	U		NA		NA	10	U
Tetrachloroethene		NA	10	U		NA		NA	10	U
Toluene		NA	10	U		NA		NA	12	
Total Xylenes		NA	10	U		NA		NA	10	U
trans-1,2-Dichloroethene		NA	10	U		NA		NA		NA
trans-1,3-Dichloropropene		NA	10	U		NA		NA	10	U
Trichloroethene		NA	10	U		NA		NA	90	J
Trichlorofluoromethane		NA	10	U		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA	9	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA	2.7	J
Ethene		NA		NA		NA		NA	3.0	UJ
Methane		NA		NA		NA		NA	316	J
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	1	U		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	1	U		NA		NA		NA		NA
1,1,2-Trichloroethane	1	U		NA		NA		NA		NA
1,1-Dichloroethane	1	U		NA		NA		NA		NA
1,1-Dichloroethene	1	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	1	UJ		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		R		NA		NA		NA		NA
1,2-Dibromoethane	1	U		NA		NA		NA		NA
1,2-Dichlorobenzene	1	U		NA		NA		NA		NA
1,2-Dichloroethane	1	UJ		NA		NA		NA		NA
1,2-Dichloropropane	1	U		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U		NA		NA		NA		NA
2-Butanone	5	U		NA		NA		NA		NA
2-Hexanone	5	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	5	U		NA		NA		NA		NA
Acetone	30	U		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA		NA
Bromochloromethane	1	UJ		NA		NA		NA		NA
Bromodichloromethane	1	U		NA		NA		NA		NA
Bromoform	1	U		NA		NA		NA		NA
Bromomethane	1	U		NA		NA		NA		NA
Carbon Disulfide	1	U		NA		NA		NA		NA
Carbon Tetrachloride	1	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
Chlorobenzene	1	U		NA		NA		NA		NA
Chloroethane	1	U		NA		NA		NA		NA
Chloroform	1	U		NA		NA		NA		NA
Chloromethane	1	U		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA
cis-1,3-Dichloropropene	1	U		NA		NA		NA		NA
Dibromochloromethane	1	U		NA		NA		NA		NA
Ethylbenzene	1	U		NA		NA		NA		NA
Methylene Chloride	2	UJ		NA		NA		NA		NA
Styrene	1	U		NA		NA		NA		NA
Tetrachloroethene	1	U		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA		NA
Total Xylenes	1	U		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	1	U		NA		NA		NA		NA
Trichloroethene	1	U		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA	1	U	1	U		NA
1,1-Dichloroethane		NA		NA	1	U	1	U		NA
1,1-Dichloroethene		NA		NA	1	U	1	U		NA
1,2-Dichloroethane		NA		NA	1	U	1	U		NA
Benzene		NA		NA	1	U	1	U		NA
Chlorobenzene		NA		NA	1	U	1	U		NA
cis-1,2-Dichloroethene		NA		NA	1	U	1	U		NA
Ethylbenzene		NA		NA	1	U	1	U		NA
m&p-Xylene		NA		NA	1	U	1	U		NA
o-Xylene		NA		NA	1	U	1	U		NA
Tetrachloroethene		NA		NA	1	U	1	U		NA
Toluene		NA		NA	1	U	1	U		NA
trans-1,2-Dichloroethene		NA		NA	1	U	1	U		NA
Trichloroethene		NA		NA	1	U	1	U		NA
Vinyl Chloride		NA		NA	1	U	1	U		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA	10	U
1,2-Dichlorobenzene	10	U		NA		NA		NA	10	U
1,3-Dichlorobenzene	10	U		NA		NA		NA	10	U
1,4-Dichlorobenzene	10	U		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ		NA		NA	10	UJ

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
2,4,5-Trichlorophenol	25	U	25	U		NA		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA		NA	10	U
2,4-Dichlorophenol	10	U	10	U		NA		NA	10	U
2,4-Dimethylphenol	10	U	10	U		NA		NA	10	U
2,4-Dinitrophenol	25	U	25	U		NA		NA	25	U
2,4-Dinitrotoluene	10	U	10	U		NA		NA	10	U
2,6-Dinitrotoluene	10	U	10	U		NA		NA	10	U
2-Chloronaphthalene	10	U	10	U		NA		NA	10	U
2-Chlorophenol	10	U	10	U		NA		NA	10	U
2-Methylnaphthalene	10	U	10	U		NA		NA	10	U
2-Methylphenol	10	U	10	U		NA		NA	10	U
2-Nitroaniline	25	U	25	UJ		NA		NA	25	U
2-Nitrophenol	10	U	10	U		NA		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA	10	U
3-Nitroaniline	25	U	25	U		NA		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA		NA	10	U
4-Chloroaniline	10	U	10	U		NA		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA	10	U
4-Methylphenol	10	U	10	U		NA		NA	10	U
4-Nitroaniline	25	U	25	UJ		NA		NA	25	U
4-Nitrophenol	25	U	25	U		NA		NA	25	U
Acenaphthene	10	U	10	U		NA		NA	10	U
Acenaphthylene	10	U	10	U		NA		NA	10	U
Acetophenone		NA	10	UJ		NA		NA		NA
Anthracene	10	U	10	U		NA		NA	10	U
Atrazine		NA	10	UJ		NA		NA		NA
Benzaldehyde		NA	10	UJ		NA		NA		NA
Benzo(a)anthracene	10	U	10	U		NA		NA	10	U
Benzo(a)pyrene	10	U	10	U		NA		NA	10	U
Benzo(b)fluoranthene	10	U	10	U		NA		NA	10	U
Benzo(g,h,i)perylene	10	U	10	U		NA		NA	10	U
Benzo(k)fluoranthene	10	U	10	U		NA		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA	10	U
Butylbenzylphthalate	10	U	10	U		NA		NA	10	U
Caprolactam		NA	10	U		NA		NA		NA
Carbazole	10	U	10	U		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
Chrysene	10	U	10	U		NA		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA	10	U
Dibenzofuran	10	U	10	U		NA		NA	10	U
Diethylphthalate	10	U	10	U		NA		NA	10	U
Dimethylphthalate	10	U	10	U		NA		NA	10	U
Di-n-Butylphthalate	10	U	10	U		NA		NA	10	U
Di-n-octylphthalate	10	U	10	U		NA		NA	10	U
Fluoranthene	10	U	10	U		NA		NA	10	U
Fluorene	10	U	10	U		NA		NA	10	U
Hexachlorobenzene	10	U	10	U		NA		NA	10	U
Hexachlorobutadiene	10	U	10	U		NA		NA	10	U
Hexachlorocyclopentadiene	10	U	10	U		NA		NA	10	U
Hexachloroethane	10	U	10	U		NA		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA	10	U
Isophorone	10	U	10	U		NA		NA	10	U
Naphthalene	10	U	10	U		NA		NA	10	U
Nitrobenzene	10	U	10	U		NA		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	UJ		NA		NA	10	UJ
N-Nitroso-diphenylamine	10	U	10	U		NA		NA	10	U
Pentachlorophenol	25	U	25	U		NA		NA	25	U
Phenanthrene	10	U	10	U		NA		NA	10	U
Phenol	10	U	10	U		NA		NA	10	U
Pyrene	10	U	10	U		NA		NA	10	U
Total PAH	10	U		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U		NA		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA		NA	0.10	U
Aldrin	0.050	U	0.050	U		NA		NA	0.050	U
alpha-BHC	0.050	U	0.050	U		NA		NA	0.012	J

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
alpha-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U
Aroclor, Total	1.1	U		NA		NA		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U		NA		NA	1.0	U
Aroclor-1221	2.0	U	0.25	U		NA		NA	2.0	U
Aroclor-1232	1.0	U	1.0	U		NA		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA		NA	1.0	U
Aroclor-1254	1.0	U	0.25	U		NA		NA	1.0	U
Aroclor-1260	1.0	U	0.25	U		NA		NA	1.0	U
Aroclor-1262	1.0	U	0.28	U		NA		NA	1.0	U
Aroclor-1268	1.0	U	1.0	U		NA		NA	1.0	U
beta-BHC	0.050	U	0.050	U		NA		NA	0.050	U
delta-BHC	0.050	U	0.050	U		NA		NA	0.050	U
Dieldrin	0.10	U	0.050	U		NA		NA	0.10	U
Endosulfan I	0.050	U	0.050	U		NA		NA	0.050	U
Endosulfan II	0.10	U	0.10	U		NA		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA	0.10	U
Endrin	0.10	U	0.050	U		NA		NA	0.10	U
Endrin Aldehyde	0.10	U	0.10	U		NA		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA		NA	0.10	U
gamma-BHC	0.050	U	0.050	U		NA		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U
Heptachlor	0.050	U	0.020	U		NA		NA	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U		NA		NA	0.050	U
Methoxychlor	0.50	U	0.50	U		NA		NA	0.50	U
Toxaphene	5.0	U	5.0	U		NA		NA	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	17.0	U	97.5	UJ		NA		NA	70.4	U
Antimony	3.0	U	9.9	U		NA		NA	3.9	U
Arsenic	3.0	U	5.0	U		NA		NA	2.3	U
Barium	58.9		65.5			NA		NA	45.2	
Beryllium	1.0	U	0.90	U		NA		NA	0.10	U
Cadmium	1.0	U	0.70	U		NA		NA	0.71	J
Calcium	34600		34700			NA		NA	261000	
Chromium	1.5	J	0.60	U		NA		NA	1.8	
Cobalt	3.9	U	6.9	U		NA		NA	20.4	J
Copper	37.9		5.8	U		NA		NA	1.5	J
Cyanide		NA		NA		NA		NA		NA
Iron	163	J	277			NA		NA	11.9	U
Lead	1.7	UJ	2.7	J		NA		NA	1.0	UJ
Magnesium	16400		22400			NA		NA	265000	
Manganese	3400	J	2120			NA		NA	13700	
Mercury	0.10	U	0.10	U		NA		NA	0.10	U
Nickel	5.1	U	5.3	U		NA		NA		R
Potassium	13700		15100			NA		NA	51900	
Selenium	3.0	U	4.3	U		NA		NA	4.2	J
Silver	1.0	U	1.3	U		NA		NA	1.0	U
Sodium	104000		149000			NA		NA	1440000	
Thallium	3.0	U	4.2	U		NA		NA	41.8	
Vanadium	1.0	U	5.9	U		NA		NA	1.2	U
Zinc	33.6		5.5	U		NA		NA	73.9	
Wet Chemistry Analysis										
Alkalinity	55.0			NA		NA		NA	163	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-103M-05		OU2-MW-103M-07		OU2-DP10-4-0510		OU2-DP10-4-1520		OU2-MW-104B-01	
Sample Location	MW-103M		MW-103M		DP10-4		DP10-4		MW-104B	
Date Sampled	11/6/1997		12/5/2002		8/14/1997		8/15/1997		2/24/1999	
Interval	0.0-0.0		0.0-0.0		5.0-10.0		15.0-20.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock	
Carbon Dioxide		NA		NA		NA		NA	33.3	
Chloride	161			NA		NA		NA	3080	
Ferrous Iron		NA		NA		NA		NA	0.090	
Nitrate		NA		NA		NA		NA	0.050	U
Nitrate-Nitrite (as N)	0.54			NA		NA		NA	0.050	U
Nitrite-N		NA		NA		NA		NA	0.050	U
Sulfate	79.9			NA		NA		NA	726	
Sulfide		NA		NA		NA		NA	0.050	U
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	2	J	68		52		67		75	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	33	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	33	U
1,1-Dichloroethane	12		73		55		60		67	
1,1-Dichloroethene	5	J	45		36		41		51	
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	1	J	33	U
1,2-Dichloroethene (total)		NA	390		280		380		440	
1,2-Dichloropropane	10	U	10	U	10	U	10	U	33	U
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dioxane	120	J		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	33	U
2-Hexanone	10	U	10	U	10	U	10	U	33	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	33	U
Acetone	10	UJ	74	U	10	U	10	U	33	UJ
Benzene	10	U	4	J	10	U	4	J	5	J
Bromodichloromethane	10	U	10	U	10	U	10	U	33	U
Bromoform	10	U	10	U	10	U	10	U	33	U
Bromomethane	10	U	10	UJ	10	U	10	UJ	33	U
Carbon Disulfide	10	U	10	U	10	U	10	U	33	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	33	U
Chlorobenzene	2	J	21		18		23		24	J
Chloroethane	10	U	10	U	21	J	4	J	33	U
Chloroform	10	U	1	J	10	U	10	U	33	U
Chloromethane	10	U	10	U	10	U	10	U	33	U
cis-1,2-Dichloroethene	60			NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	33	U
Cyclohexane	10	U		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	33	U
Dichlorodifluoromethane	10	UJ		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	33	U
Isopropylbenzene	10	U		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	11	U	10	U	33	U
Styrene	10	U	10	U	10	U	10	U	33	U
Tetrachloroethene	10	U	10	U	10	U	1	J	33	U
Toluene	10	U	10	U	10	U	10	U	33	U
Total Xylenes	10	U	10	U	10	U	10	U	33	U
trans-1,2-Dichloroethene	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	33	U
Trichloroethene	66		310	J	190	J	240		290	
Trichlorofluoromethane	10	U		NA		NA		NA		NA
Vinyl Chloride	4		56		57	J	54		4	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA		NA		NA
Ethene	10.0	U		NA		NA		NA		NA
Methane	170			NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	UJ
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	UJ	10	U
4-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	UJ		NA		NA		NA		NA
Anthracene	10	U	10	U	10	UJ	10	U	10	U
Atrazine	10	UJ		NA		NA		NA		NA
Benzaldehyde	10	UJ		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	UJ	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	UJ	10	UJ	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	UJ
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	UJ	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	UJ		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.010	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.50	U	0.00050	J
Aroclor, Total		NA	1.1	U	0.56	U	0.56	U	0.56	U
Aroclor-1016	1.0	U	1.0	U	0.50	UJ	0.50	U	0.50	U
Aroclor-1221	0.25	U	2.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1242	1.0	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1248	1.0	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1254	0.25	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1260	0.25	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1262	0.28	U	1.0	U	0.50	U	0.50	U	0.50	U
Aroclor-1268	1.0	U	1.0	U	0.50	U	0.50	U	0.50	U
beta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.0025	J	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.50	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	2.1	U		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	1.0	U		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	1.2	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	1.1	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	0.70	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	1.0	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	0.70	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	1.0	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	0.90	U		NA		NA		NA		NA
1,2,3,7,8-PeCDD	0.90	U		NA		NA		NA		NA
1,2,3,7,8-PeCDF	0.60	U		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	0.70	U		NA		NA		NA		NA
2,3,4,7,8-PeCDF	0.70	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD	0.80	U		NA		NA		NA		NA
2,3,7,8-TCDF	0.60	U		NA		NA		NA		NA
OCDD	3.3	U		NA		NA		NA		NA
OCDF	2.4	U		NA		NA		NA		NA
Total HpCDD	2.1	UJ		NA		NA		NA		NA
Total HpCDF	1.1	UJ		NA		NA		NA		NA
Total HxCDD	1.0	UJ		NA		NA		NA		NA
Total HxCDF	0.70	UJ		NA		NA		NA		NA
Total PeCDD	0.90	UJ		NA		NA		NA		NA
Total PeCDF	0.60	UJ		NA		NA		NA		NA
Total TCDD	0.80	UJ		NA		NA		NA		NA
Total TCDF	0.60	UJ		NA		NA		NA		NA
Toxicity Equivalency	0.00	U		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	28.6	U	37.6	UJ	35.6	U	117	UJ	864	
Antimony	3.5	U	14.7	UJ	28.5	U	11.2	UJ	18.8	U
Arsenic	2.9	U	1.5	UJ	6.0		6.1	UJ	2.8	J
Barium	27.4		84.5	J	61.4		57.4	J	37.3	
Beryllium	0.12	UJ	0.40	UJ	0.20	U	0.30	UJ	0.20	U
Cadmium	0.82	U	1.1	UJ	3.9	UJ	1.4	UJ	1.1	U
Calcium	223000		222000	J	209000		196000	J	192000	
Chromium	0.90	U	2.5	UJ	3.8	U	5.8	UJ	5.9	J
Cobalt	3.7		10.8	UJ	10.8		13.2	UJ	8.6	
Copper	1.3	UJ	3.6	UJ	5.3	U	2.1	UJ	3.9	UJ
Cyanide	10.0	U		NA		NA		NA		NA
Iron	18.1	U	6800	J	17700		14900	J	6650	
Lead	2.3	U	1.5	UJ	2.5	UJ	0.70	UJ	1.1	UJ
Magnesium	242000		230000	J	222000		203000	J	209000	
Manganese	15400		13100	J	11600		6620	J	7590	
Mercury	0.20	U	0.39	J	0.20	U	1.1	J	0.20	U
Nickel	7.3	U	6.5	UJ	13.3	UJ	6.7	UJ	5.2	U
Potassium	92600		36900	J	38000		30100	J	30200	
Selenium	3.0	UJ	2.1	UJ	7.0	UJ	2.5	UJ	2.8	U
Silver	1.3	J		R	2.8	J	2.4	UJ	1.8	U
Sodium	2600000		1370000	J	1360000		1440000	J	1260000	
Thallium	3.1	U	2.2	UJ	0.90	U	1.7	UJ	6.6	
Vanadium	1.0	U	2.2	UJ	3.5	U	2.3	UJ	2.9	U
Zinc	12.6	U	215	J	17.8	U	612	J	105	
Wet Chemistry Analysis										
Alkalinity	150			NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104B-07		MF-MW-104D-01		RM-MF-MW-104D-02		RM-MF-MW-104D-03		RM-MF-MW-104D-04	
Sample Location	MW-104B		MW-104D		MW-104D		MW-104D		MW-104D	
Date Sampled	12/12/2002		5/20/1994		8/25/1994		12/1/1994		3/28/1995	
Interval	0.0-0.0		69.0-79.0		69.0-79.0		69.0-79.0		69.0-79.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide	174	UJ		NA		NA		NA		NA
Chloride	3760			NA		NA		NA		NA
Ferrous Iron	0.16			NA		NA		NA		NA
Nitrate	0.050	UJ		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N	1.0	UJ		NA		NA		NA		NA
Sulfate	838			NA		NA		NA		NA
Sulfide		R		NA		NA		NA		NA
Total Organic Carbon	46.3	J		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	130		120		130		83		200	
1,1,2,2-Tetrachloroethane	10	U	100	U	10	U	25	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U	100	U	10	U	25	U	10	U
1,1-Dichloroethane	100		120		120		69		170	
1,1-Dichloroethene	91		98	J	160		43		150	
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA
1,2-Dibromoethane		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U	100	U	10	U	25	U	10	U
1,2-Dichloroethene (total)	720	*	1000			NA	360		840	
1,2-Dichloropropane	10	U	100	U	10	U	25	U	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dioxane		NA		NA	1000	J		NA		NA
2-Butanone	10	U	100	U	10	U	25	U	10	U
2-Hexanone	10	U	100	U	10	U	25	U	10	U
4-Methyl-2-Pentanone	10	U	100	U	10	U	25	U	10	U
Acetone	10	U	100	U	10	UJ	25	U	10	U
Benzene	6	J	100	UJ	5	J	6	J	13	
Bromodichloromethane	10	U	100	U	10	U	25	U	10	U
Bromoform	10	UJ	100	U	10	U	25	U	10	U
Bromomethane	10	U	100	U	10	U	25	UJ	10	U
Carbon Disulfide	10	UJ	100	U	10	U	25	U	10	U
Carbon Tetrachloride	10	U	100	U	10	U	25	U	10	U
Chlorobenzene	32		37	J	36		20	J	44	
Chloroethane	5	J	100	U	10	U	25	U	84	J
Chloroform	10	U	100	U	1	J	25	U	10	U
Chloromethane	10	U	100	U	10	U	25	U	10	U
cis-1,2-Dichloroethene		NA		NA	860	*		NA		NA
cis-1,3-Dichloropropene	10	U	100	U	10	U	25	U	10	U
Cyclohexane		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U	100	U	10	U	25	U	10	U
Dichlorodifluoromethane		NA		NA	10	UJ		NA		NA
Ethylbenzene	10	U	100	U	10	U	25	U	10	U
Isopropylbenzene		NA		NA	10	U		NA		NA
Methyl Acetate		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA	10	U		NA		NA
Methylene Chloride	10	U	100	U	10	U	25	U	10	U
Styrene	10	U	100	U	10	U	25	U	10	U
Tetrachloroethene	2	J	100	U	2	J	25	U	10	U
Toluene	10	U	100	U	10	U	25	U	10	U
Total Xylenes	10	U	100	U	10	U	25	U	10	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	100	U	10	U	25	U	10	U
Trichloroethene	370	*	160	J	370		250		540	J
Trichlorofluoromethane		NA		NA	10	U		NA		NA
Vinyl Chloride	76		96	J	82		51		180	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	13.0			NA		NA
Ethene		NA		NA	10.0	U		NA		NA
Methane		NA		NA	1800			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	3	J
Acenaphthene	10	U	10	UJ	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	
Acetophenone		NA		NA	10	U		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	UJ
Atrazine		NA		NA	10	UJ		NA		NA
Benzaldehyde		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	UJ	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	UJ	10	UJ
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	UJ
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U		NA	10	U	10	
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.0068	J	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.033	J	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	1.1	U		NA	1.1	U	0.56	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	0.50	UJ
Aroclor-1221	2.0	U	2.0	U	0.25	U	2.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1254	1.0	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1260	1.0	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1262	1.0	U	1.0	U	0.28	U	1.0	U	0.50	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
beta-BHC	0.050	U	0.0053	J	0.050	U	0.050	UJ	0.015	J
delta-BHC	0.050	U	0.0033	J	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.041	J	0.050	U	0.050	UJ	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10	U
Endosulfan Sulfate	0.10	U	0.0046	J	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.0012	J	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U		R	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA	2.2	U		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	1.2	U		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	1.6	U		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA	1.4	U		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA	2.2	U		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA	1.4	U		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA	1.9	U		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA	1.4	U		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA	2.7	U		NA		NA
1,2,3,7,8-PeCDD		NA		NA	1.2	U		NA		NA
1,2,3,7,8-PeCDF		NA		NA	2.1	U		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA	1.4	UEMPC		NA		NA
2,3,4,7,8-PeCDF		NA		NA	3.5	EMPC		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA	1.0	U		NA		NA
2,3,7,8-TCDF		NA		NA	0.80	U		NA		NA
OCDD		NA		NA	7.5	J		NA		NA
OCDF		NA		NA	5.2	J		NA		NA
Total HpCDD		NA		NA	2.2	UJ		NA		NA
Total HpCDF		NA		NA	1.4	UJ		NA		NA
Total HxCDD		NA		NA	1.4	UJ		NA		NA
Total HxCDF		NA		NA	8.2	UJEMP		NA		NA
Total PeCDD		NA		NA	1.2	UJ		NA		NA
Total PeCDF		NA		NA	5.5	UJEMP		NA		NA
Total TCDD		NA		NA	1.0	UJ		NA		NA
Total TCDF		NA		NA	0.80	UJ		NA		NA
Toxicity Equivalency		NA		NA	1.8	J		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	17.0	U	53.4		93.2	U	198	U	21.3	U
Antimony	3.0	U	3.3	U	3.5	U	20.5	J	28.5	U
Arsenic	3.0	U	3.8	U	3.2	UJ	1.5	U	1.8	J
Barium	23.4		21.1		29.7		41.9		78.2	
Beryllium	1.0	U	1.0		0.10	U	0.40	U	0.20	U
Cadmium	1.0	U	0.80	U	0.40	U	1.1	U	3.9	UJ
Calcium	169000		138000		43800		70700		103000	
Chromium	2.2		1.5		0.90	U	2.5	UJ	8.6	U
Cobalt	3.1	U	2.6		1.0	U	3.1	UJ	7.2	J
Copper	2.0	U	6.1		1.3	U	3.6	U	3.5	U
Cyanide		NA		NA	10.0	U		NA		NA
Iron	1350	J	2000		18.1	U	653		933	
Lead	1.0	U	2.9	U	2.3	UJ	1.5	UJ	6.9	UJ
Magnesium	188000		159000		18800		44700		65500	
Manganese	8350	J	7780		2950		705		963	
Mercury	0.10	U	0.10	U	0.20	U	0.20	U	0.20	U
Nickel	8.1	U	5.3		4.3	U	6.5	U	16.6	J
Potassium	42100		34100		9270	J	8020		10900	
Selenium	5.2	J	3.4	U	3.0	UJ	2.1	UJ	0.70	U
Silver	1.0	U	1.0	U	1.1	UJ		R	2.6	U
Sodium	1080000		978000		58200	J	155000		221000	
Thallium	3.0	U	3.3	U	3.1	U	2.2	U	0.90	U
Vanadium	1.0	U	1.4	U	1.0	U	2.2	U	3.5	U
Zinc	291		23.1		11.1	U	14.1	UJ	8.3	U
Wet Chemistry Analysis										
Alkalinity	114		189		164			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104D-05		OU2-MW-104D-06		OU2-MW-104D-07		MF-MW-104M-01		RM-MF-MW-104M-02	
Sample Location	MW-104D		MW-104D		MW-104D		MW-104M		MW-104M	
Date Sampled	11/7/1997		11/18/1998		12/11/2002		5/20/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		23.5-27.5		23.5-27.5	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA	305	J		NA		NA
Chloride	2010		1870		1510			NA		NA
Ferrous Iron		NA		NA	0.37			NA		NA
Nitrate		NA		NA	0.050	UJ		NA		NA
Nitrate-Nitrite (as N)	0.10	U	0.050	U		NA		NA		NA
Nitrite-N		NA		NA	1.0	UJ		NA		NA
Sulfate	645		744		764			NA		NA
Sulfide		NA		NA		R		NA		NA
Total Organic Carbon		NA		NA	13.0	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	190		140			NA	13		10
1,1,2,2-Tetrachloroethane	10	U	50	U		NA	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	10
1,1,2-Trichloroethane	2	J	50	U		NA	10	U	10
1,1-Dichloroethane	120		100			NA	16.5		10
1,1-Dichloroethene	100		84			NA	9.5		10
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	10
1,2-Dibromoethane		NA		NA		NA		NA	10
1,2-Dichlorobenzene		NA		NA		NA		NA	10
1,2-Dichloroethane	2	J	50	U		NA	10	U	10
1,2-Dichloroethene (total)	680		620			NA	79		
1,2-Dichloropropane	10	U	50	U		NA	10	U	10
1,3-Dichlorobenzene		NA		NA		NA		NA	10
1,4-Dichlorobenzene		NA		NA		NA		NA	10
1,4-Dioxane		NA		NA		NA		NA	100
2-Butanone	10	U	50	U		NA	10	U	10
2-Hexanone	10	U	50	U		NA	10	U	10
4-Methyl-2-Pentanone	10	U	50	U		NA	10	U	10
Acetone	10	U	50	UJ		NA	10	U	10
Benzene	11		9	J		NA	1.5		10
Bromodichloromethane	10	U	50	U		NA	10	U	10
Bromoform	10	U	50	U		NA	10	U	10
Bromomethane	10	UJ	50	U		NA	10	U	10
Carbon Disulfide	10	U	50	U		NA	10	U	10
Carbon Tetrachloride	10	U	50	U		NA	10	U	10
Chlorobenzene	32		31	J		NA	4.5		10
Chloroethane	9	J	50	U		NA	10	U	10
Chloroform	1	J	50	U		NA	10	U	10
Chloromethane	10	U	50	U		NA	10	U	10
cis-1,2-Dichloroethene		NA		NA		NA		NA	2
cis-1,3-Dichloropropene	10	U	50	U		NA	10	U	10
Cyclohexane		NA		NA		NA		NA	10
Dibromochloromethane	10	U	50	U		NA	10	U	10
Dichlorodifluoromethane		NA		NA		NA		NA	10
Ethylbenzene	10	U	50	U		NA	10	U	10
Isopropylbenzene		NA		NA		NA		NA	10
Methyl Acetate		NA		NA		NA		NA	10
Methyl tert-Butyl Ether		NA		NA		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane		NA		NA		NA		NA	10
Methylene Chloride	10	U	50	U		NA	10	U	10
Styrene	10	U	50	U		NA	10	U	10
Tetrachloroethene	2	J	50	U		NA	10	U	10
Toluene	10	U	50	U		NA	10	U	10
Total Xylenes	10	U	50	U		NA	10	U	10
trans-1,2-Dichloroethene		NA		NA		NA		NA	10
trans-1,3-Dichloropropene	10	U	50	U		NA	10	U	10
Trichloroethene	420		340			NA	54.5		10
Trichlorofluoromethane		NA		NA		NA		NA	10
Vinyl Chloride	90		110			NA	5.5		1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)									
Ethane		NA		NA		NA		NA	10.0
Ethene		NA		NA		NA		NA	10.0
Methane		NA		NA		NA		NA	6.0
Low Concentration Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane		NA		NA	1			NA	
1,1,2,2-Tetrachloroethane		NA		NA	1	U		NA	
1,1,2-Trichloroethane		NA		NA	1	U		NA	
1,1-Dichloroethane		NA		NA	8			NA	
1,1-Dichloroethene		NA		NA	1			NA	
1,2,4-Trichlorobenzene		NA		NA	1	UJ		NA	
1,2-Dibromo-3-chloropropane		NA		NA		R		NA	
1,2-Dibromoethane		NA		NA	1	U		NA	
1,2-Dichlorobenzene		NA		NA	1	U		NA	
1,2-Dichloroethane		NA		NA	1	UJ		NA	
1,2-Dichloropropane		NA		NA	1	U		NA	
1,3-Dichlorobenzene		NA		NA	1	U		NA	
1,4-Dichlorobenzene		NA		NA	1	U		NA	
2-Butanone		NA		NA	5	U		NA	
2-Hexanone		NA		NA	5	U		NA	
4-Methyl-2-Pentanone		NA		NA	5	U		NA	
Acetone		NA		NA		R		NA	
Benzene		NA		NA	1	U		NA	
Bromochloromethane		NA		NA	1	UJ		NA	
Bromodichloromethane		NA		NA	1	U		NA	
Bromoform		NA		NA	1	U		NA	
Bromomethane		NA		NA	1	U		NA	
Carbon Disulfide		NA		NA	1	U		NA	
Carbon Tetrachloride		NA		NA	1	U		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA	0.7	J		NA	
Chloroethane		NA		NA	1	U		NA	
Chloroform		NA		NA	1	U		NA	
Chloromethane		NA		NA	1	U		NA	
cis-1,2-Dichloroethene		NA		NA	10			NA	
cis-1,3-Dichloropropene		NA		NA	1	U		NA	
Dibromochloromethane		NA		NA	1	U		NA	
Ethylbenzene		NA		NA	1	U		NA	
Methylene Chloride		NA		NA	2	UJ		NA	
Styrene		NA		NA	1	U		NA	
Tetrachloroethene		NA		NA	1	U		NA	
Toluene		NA		NA	1	U		NA	
Total Xylenes		NA		NA	1	U		NA	
trans-1,2-Dichloroethene		NA		NA	1	U		NA	
trans-1,3-Dichloropropene		NA		NA	1	U		NA	
Trichloroethene		NA		NA	8			NA	
Vinyl Chloride		NA		NA	0.8	J		NA	
Volatile Organic Screening Analysis (UG/L)									
1,1,1-Trichloroethane		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)									
1,1'-Biphenyl		NA		NA		NA		NA	10
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol		R	25	UJ	25	U	25	U	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10
2-Chlorophenol	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10
2-Methylphenol	10	U	10	U	10	U	10	U	10
2-Nitroaniline	25	U	25	U	25	U	25	U	25
2-Nitrophenol	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10
3-Nitroaniline	25	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10
4-Chloroaniline	10	U	10	U	10	U	10	U	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10
4-Methylphenol	10	UJ	10	U	10	U	10	U	10
4-Nitroaniline	25	U	25	U	25	U	25	U	25
4-Nitrophenol	25	U	25	U	25	U	25	U	25
Acenaphthene	10	U	10	U	10	U	10	U	10
Acenaphthylene	10	U	10	U	10	U	10	U	10
Acetophenone		NA		NA		NA		NA	10
Anthracene	10	U	10	U	10	U	10	U	10
Atrazine		NA		NA		NA		NA	10
Benzaldehyde		NA		NA		NA		NA	10
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	U	10
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10
Caprolactam		NA		NA		NA		NA	10
Carbazole	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Chrysene	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10
Dibenzofuran	10	U	10	U	10	U	10	U	10
Diethylphthalate	10	U	10	U	10	U	10	U	10
Dimethylphthalate	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10
Fluoranthene	10	U	10	U	10	U	10	U	10
Fluorene	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	10	UJ	10	U	10	U	10	U	10
Hexachloroethane	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10
Isophorone	10	U	10	U	10	U	10	U	10
Naphthalene	10	U	10	U	10	U	10	U	10
Nitrobenzene	10	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10
Pentachlorophenol	25	U	10	U	25	U	25	U	25
Phenanthrene	10	UJ	10	U	10	U	10	U	10
Phenol	10	U	10	U	10	U	10	U	10
Pyrene	10	U	10	U	10	U	10	U	10
Total PAH	10	U	10	U	10	U	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)									
Acenaphthylene		NA		NA		NA		NA	0.20
Benzo(a)anthracene		NA		NA		NA		NA	0.20
Benzo(a)pyrene		NA		NA		NA		NA	0.20
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20
Chrysene		NA		NA		NA		NA	0.20
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20
Phenanthrene		NA		NA		NA		NA	0.20
Pesticide/PCB Analysis (UG/L)									
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050
alpha-BHC	0.0042	J	0.0050	J	0.050	U	0.0205		0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
alpha-Chlordane	0.50	U	0.050	U	0.050	U	0.050	U	0.050
Aroclor, Total	0.56	U	0.56	U	1.1	U	1.1	U	
Aroclor-1016	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1221	1.0	U	1.0	U	2.0	U	2.0	U	0.25
Aroclor-1232	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1242	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1248	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1254	0.50	U	0.50	U	1.0	U	1.0	U	0.25
Aroclor-1260	0.50	U	0.50	U	1.0	U	1.0	U	0.25
Aroclor-1262	0.50	U	0.50	U	1.0	U	1.0	U	0.28
Aroclor-1268	0.50	U	0.50	U	1.0	U	1.0	U	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.019		0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.015		0.050
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050
Endosulfan I	0.050	U	0.050	U	0.050	U	0.0275		0.050
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10
gamma-BHC	0.050	U	0.050	U	0.050	U		NA	0.050
gamma-Chlordane	0.50	U	0.050	U	0.050	U	0.0128		0.050
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U	0.020
Heptachlor Epoxide	0.0030	J	0.050	U	0.050	U	0.050	U	0.020
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)									
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA	2.3
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA	1.9
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA	1.5
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA	1.4
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA	1.8
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA	1.4
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA	0.90
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA	1.4
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA	1.2
1,2,3,7,8-PeCDD		NA		NA		NA		NA	1.2
1,2,3,7,8-PeCDF		NA		NA		NA		NA	1.0
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA	1.1
2,3,4,7,8-PeCDF		NA		NA		NA		NA	1.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
2,3,7,8-TCDD		NA		NA		NA		NA	1.2
2,3,7,8-TCDF		NA		NA		NA		NA	1.0
OCDD		NA		NA		NA		NA	4.8
OCDF		NA		NA		NA		NA	6.5
Total HpCDD		NA		NA		NA		NA	2.3
Total HpCDF		NA		NA		NA		NA	1.9
Total HxCDD		NA		NA		NA		NA	1.4
Total HxCDF		NA		NA		NA		NA	1.8
Total PeCDD		NA		NA		NA		NA	1.2
Total PeCDF		NA		NA		NA		NA	1.0
Total TCDD		NA		NA		NA		NA	1.2
Total TCDF		NA		NA		NA		NA	1.0
Toxicity Equivalency		NA		NA		NA		NA	0.020
TAL Metal Analysis (UG/L)									
Aluminum	33.3	UJ	32.1	UJ	17.0	U	21.15		103
Antimony	11.2	U	18.8	U	3.0	U	3.3	U	3.5
Arsenic	2.8	UJ	1.8	U	3.0	U	3.8	U	3.5
Barium	64.6		48.2		1130		28.35		17.4
Beryllium	0.30	U	0.20	U	1.0	U	0.50	U	0.10
Cadmium	1.4	U	1.1	U	3.8		0.80	U	0.78
Calcium	94100		78100		265000		46600		117000
Chromium	1.8	UJ	5.7	UJ	1.5	J	1.1	U	0.90
Cobalt	4.6	U	2.4	U	1.2	UJ	1.65		1.1
Copper	2.1	U	3.9	UJ	2.0	U	5.05		1.3
Cyanide		NA		NA		NA		NA	10.0
Iron	867		370		61100	J	81.45		166
Lead	1.1	UJ	0.40	UJ	6.7	J	2.9	U	2.3
Magnesium	57900		49800		53400		22350		138000
Manganese	886		730		2030	J	925		7230
Mercury	0.20	U	0.20	U	0.10	U	0.10	U	0.20
Nickel	3.5	U	5.2	U	2.6	U	2.3		8.0
Potassium	9540		7750		38500		6085		47900
Selenium	2.5	UJ	2.8	U	3.0	U	3.4	U	3.0
Silver	2.4	UJ	1.8	U	1.0	U	1.0	U	1.1
Sodium	229000		191000		297000		73450		1240000
Thallium	1.7	U	3.4	J	3.0	UJ	3.3	U	3.1
Vanadium	2.3	U	2.9	U	2.2		1.4	U	1.0
Zinc	6.3	U	16.8	U	2.0	U	13.15		11.1
Wet Chemistry Analysis									
Alkalinity		NA		NA	79.7		77.5		66.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104M-03		RM-MF-MW-104M-04		OU2-MW-104M-05		OU2-MW-104M-06-AVG		OU2-MW-104M-07
Sample Location	MW-104M		MW-104M		MW-104M		MW-104M		MW-104M
Date Sampled	12/1/1994		3/28/1995		11/7/1997		11/18/1998		12/11/2002
Interval	23.5-27.5		23.5-27.5		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		Field Dup. OU2-MW-104M-06		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Dioxide		NA		NA		NA		NA	108
Chloride		NA		NA	103		106		99.2
Ferrous Iron		NA		NA		NA		NA	0.050
Nitrate		NA		NA		NA		NA	1.24
Nitrate-Nitrite (as N)		NA		NA	1.26		1.2		
Nitrite-N		NA		NA		NA		NA	0.050
Sulfate		NA		NA	134		156.5		169
Sulfide		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA	5.22

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA		NA		NA		NA
1,1,2-Trichloroethane	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	UJ		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	U		NA		NA		NA		NA
1,2-Dibromoethane	U		NA		NA		NA		NA
1,2-Dichlorobenzene	U		NA		NA		NA		NA
1,2-Dichloroethane	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	NA	10	U	10	U	10	U	10	U
1,2-Dichloropropane	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	U		NA		NA		NA		NA
1,4-Dichlorobenzene	U		NA		NA		NA		NA
1,4-Dioxane	UJ		NA		NA		NA		NA
2-Butanone	U	10	U	10	U	10	U	10	U
2-Hexanone	UJ	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U
Acetone	UJ	23.8333333333333		21		10	U	10	U
Benzene	U	10	U	10	U	10	U	10	U
Bromodichloromethane	U	10	U	10	U	10	U	10	U
Bromoform	U	10	U	10	U	10	U	10	U
Bromomethane	U	10	U	10	UJ	10	U	10	UJ
Carbon Disulfide	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	U	10	U	10	U	10	U	10	U
Chlorobenzene	U	10	U	10	U	10	U	10	U
Chloroethane	U	10	U	10	U	10	U	10	U
Chloroform	U	10	U	10	U	10	U	10	U
Chloromethane	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	J		NA		NA		NA		NA
cis-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U
Cyclohexane	U		NA		NA		NA		NA
Dibromochloromethane	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	UJ		NA		NA		NA		NA
Ethylbenzene	U	10	U	10	U	10	U	10	U
Isopropylbenzene	U		NA		NA		NA		NA
Methyl Acetate	U		NA		NA		NA		NA
Methyl tert-Butyl Ether	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	U		NA		NA		NA		NA
Methylene Chloride	U	10	U	10	U	10	U	10	U
Styrene	U	3.66666666666667		10	U	10	U	10	U
Tetrachloroethene	U	10	U	10	U	10	U	10	U
Toluene	U	10	U	10	U	10	U	10	U
Total Xylenes	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U
Trichloroethene	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane	U		NA		NA		NA		NA
Vinyl Chloride	U	10	U	10	U	10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)									
Ethane	U		NA		NA		NA		NA
Ethene	U		NA		NA		NA		NA
Methane			NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)									
1,1,1-Trichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)									
1,1'-Biphenyl	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA	10	U	10	UJ	10	U	10	U
1,2-Dichlorobenzene	NA	10	U	10	UJ	10	U	10	U
1,3-Dichlorobenzene	NA	10	U	10	UJ	10	U	10	U
1,4-Dichlorobenzene	NA	10	U	10	UJ	10	U	10	U
2,2'-oxybis(1-Chloropropane)	UJ	10	U	10	UJ	10	U	10	U

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Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	U	25	U	25	UJ	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	UJ	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	UJ	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	UJ	10	U	10	U
2,4-Dinitrophenol	U	25	U	25	UJ	25	U		R
2,4-Dinitrotoluene	U	10	U	10	UJ	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	UJ	10	U	10	U
2-Chloronaphthalene	U	10	U	10	UJ	10	U	10	U
2-Chlorophenol	U	10	U	10	UJ	10	U	10	U
2-Methylnaphthalene	U	3.66666666666667		10	UJ	5		2	J
2-Methylphenol	U	10	U	10	UJ	10	U	10	U
2-Nitroaniline	UJ	25	U	25	UJ	25	U	25	U
2-Nitrophenol	U	10	U	10	UJ	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	U	25	U	25	UJ	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	UJ	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	UJ	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	UJ	10	U	10	U
4-Chloroaniline	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	U	10	U	10	UJ	10	U	10	U
4-Methylphenol	U	10	U	10	UJ	10	U	10	UJ
4-Nitroaniline	UJ	25	U	25	UJ	25	U	25	U
4-Nitrophenol	U	25	U	25	UJ	25	U	25	U
Acenaphthene	U	3.66666666666667		10	UJ	4.5		3	J
Acenaphthylene	U	10	U	10	UJ	10	U	10	U
Acetophenone	U		NA		NA		NA		NA
Anthracene	U	10	U	10	UJ	10	U	1	J
Atrazine	UJ		NA		NA		NA		NA
Benzaldehyde	UJ		NA		NA		NA		NA
Benzo(a)anthracene	U	10	U	10	UJ	10	U	10	U
Benzo(a)pyrene	U	10	U	10	UJ	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	UJ	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	UJ	10	U	10	UJ
Benzo(k)fluoranthene	U	10	U	10	UJ	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	UJ	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	UJ	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	UJ	10	U	10	U
Butylbenzylphthalate	U	10	U	10	UJ	10	U	10	U
Caprolactam	U		NA		NA		NA		NA
Carbazole	U	3		10	UJ	6		3	J

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Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Chrysene	U	10	U	10	UJ	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	UJ	10	U	10	U
Dibenzofuran	U	2.33333333333333		10	UJ	2.5		2	J
Diethylphthalate	U	10	U	10	UJ	10	U	10	U
Dimethylphthalate	U	10	U	10	UJ	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	UJ	10	U	10	U
Di-n-octylphthalate	U	10	U	10	UJ	10	U	10	U
Fluoranthene	U	10	U	10	UJ	10	U	10	U
Fluorene	U	2.66666666666667		10	UJ	2.5		2	J
Hexachlorobenzene	U	10	U	10	UJ	10	U	10	U
Hexachlorobutadiene	U	10	U	10	UJ	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	UJ	10	U	10	UJ
Hexachloroethane	U	10	U	10	UJ	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	UJ	10	U	10	U
Isophorone	U	10	U	10	UJ	10	U	10	U
Naphthalene	U	32		10	UJ	55.5		42	
Nitrobenzene	U	10	U	10	UJ	10	U	10	U
N-Nitroso-di-n-propylamine	UJ	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	U	10	U	10	UJ	10	U	10	U
Pentachlorophenol	U	25	U	25	UJ	25	U	25	U
Phenanthrene	U	10	U	10	UJ	3		1	J
Phenol	U	10	U	10	UJ	10	U	10	U
Pyrene	U	10	U	10	UJ	10	U	10	U
Total PAH	NA	50			NA	63		49	
Low Concentration PAH (SIM) Analysis (UG/L)									
Acenaphthylene	U		NA		NA		NA		NA
Benzo(a)anthracene	U		NA		NA		NA		NA
Benzo(a)pyrene	U		NA		NA		NA		NA
Benzo(b)fluoranthene	U		NA		NA		NA		NA
Benzo(k)fluoranthene	U		NA		NA		NA		NA
Chrysene	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	U		NA		NA		NA		NA
Phenanthrene	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)									
4,4'-DDD	U	0.10	U		NA	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	U	3.36666666666667E-02		0.051		0.01505		0.50	U
Aroclor, Total	NA	1.1	U		NA	0.56	U	0.56	U
Aroclor-1016	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1221	U	2.0	U	2.0	U	1.0	U	1.0	U
Aroclor-1232	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1242	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1248	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1254	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1260	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1262	U	1.0	U	1.0	U	0.50	U	0.50	U
Aroclor-1268	U	1.0	U	1.0	U	0.50	U	0.50	U
beta-BHC	U	0.050	U	0.050	UJ	0.050	U	0.0090	J
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan I	U	0.050	U	0.050	UJ	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	UJ	0.10	U	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.0029	J
Endrin	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.00345		0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.50	U
Heptachlor	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	U	0.050	U	0.050	U	0.0114		0.050	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)									
1,2,3,4,6,7,8-HpCDD	U		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	J		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	U		NA		NA		NA		NA
1,2,3,7,8-PeCDD	U		NA		NA		NA		NA
1,2,3,7,8-PeCDF	U		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	U		NA		NA		NA		NA
2,3,4,7,8-PeCDF	U		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD	U		NA		NA		NA		NA
2,3,7,8-TCDF	U		NA		NA		NA		NA
OCDD	EMPC		NA		NA		NA		NA
OCDF	J		NA		NA		NA		NA
Total HpCDD	UJ		NA		NA		NA		NA
Total HpCDF	J		NA		NA		NA		NA
Total HxCDD	UJ		NA		NA		NA		NA
Total HxCDF	UJ		NA		NA		NA		NA
Total PeCDD	UJ		NA		NA		NA		NA
Total PeCDF	UJ		NA		NA		NA		NA
Total TCDD	UJ		NA		NA		NA		NA
Total TCDF	UJ		NA		NA		NA		NA
Toxicity Equivalency	J		NA		NA		NA		NA
TAL Metal Analysis (UG/L)									
Aluminum	U	36.9	U	20.9	U	22.75	U	57.0	U
Antimony	U	14.7	U	14.7	U	37.9	U	11.2	U
Arsenic	UJ	2.05		1.5	U	5.65		3.8	U
Barium		268.866666666667		1.2	U	747		675	
Beryllium	U	0.40	U	0.40	U	0.20	U	0.30	U
Cadmium	UJ	1.3	U	1.4	UJ	3.9	U	1.4	U
Calcium		98029.3333333333		176	U	222500		216000	
Chromium	U	2.5	U	2.5	UJ	3.9	U	1.7	U
Cobalt	J	2.56666666666667	U	2.1	U	3.725		4.3	UJ
Copper	U	3.13333333333333		3.6	U	13.4	U	2.1	U
Cyanide	U		NA		NA		NA		NA
Iron		29138.7333333333		32.4	U	55500		59600	
Lead	UJ	2.4		2.0		6.025		1.0	UJ
Magnesium		24304.1666666667		25.0	U	50750		45100	
Manganese		980.15		0.90	U	2065		1990	
Mercury	U	0.206666666666667		0.20	U	0.20	U	0.34	J
Nickel	U	6.5	U	6.5	U	13.3	U	3.5	U
Potassium	J	14612.8666666667		77.2	U	37300		29300	
Selenium	UJ	2.1	U	2.1	UJ	0.575		2.5	UJ
Silver	UJ		NA		R	4.1		2.4	UJ
Sodium	J	112679.933333333		79.6	U	250500		244000	
Thallium	U	2.2	U	2.2	U	0.90	U	1.7	U
Vanadium	U	1.5		2.2	U	4.95		3.7	J
Zinc	U	7.1	U	7.1	U	11.3	U	6.3	U
Wet Chemistry Analysis									
Alkalinity			NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		MF-MW-104S-01-AVG		MF-MW-104S-01-D2		RM-MF-MW-104S-02-AVG		RM-MF-MW-104S-03	
Sample Location		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled		5/20/1994		5/20/1994		8/25/1994		12/1/1994	
Interval		6.5-10.5		6.5-10.5		6.5-10.5		6.5-10.5	
QC Identifier		Field Duplicate 1002		None		Field Duplicate 1010		None	
Zone		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide	UJ		NA		NA		NA		NA
Chloride			NA		NA		NA		NA
Ferrous Iron			NA		NA		NA		NA
Nitrate	J		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA
Nitrite-N	UJ		NA		NA		NA		NA
Sulfate			NA		NA		NA		NA
Sulfide	R		NA		NA		NA		NA
Total Organic Carbon	J		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	10	U		NA		NA	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U		NA		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	10	U		NA		NA	10	U	10	U
1,1-Dichloroethane	10	U		NA		NA	10	U	10	U
1,1-Dichloroethene	10	U		NA		NA	10	U	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U		NA		NA	10	U	10	U
1,2-Dichloroethene (total)	10	U		NA		NA	10	U		NA
1,2-Dichloropropane	10	U		NA		NA	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA
2-Butanone	10	U		NA		NA	10	U	10	U
2-Hexanone	10	U		NA		NA	10	U	10	U
4-Methyl-2-Pentanone	10	U		NA		NA	10	U	10	U
Acetone	10	U		NA		NA	10	U	10	UJ
Benzene	10	U		NA		NA	10	U	10	U
Bromodichloromethane	10	U		NA		NA	10	U	10	U
Bromoform	10	U		NA		NA	10	U	10	U
Bromomethane	10	U		NA		NA	10	U	10	U
Carbon Disulfide	10	U		NA		NA	10	U	10	U
Carbon Tetrachloride	10	U		NA		NA	10	U	10	U
Chlorobenzene	10	U		NA		NA	10	U	10	U
Chloroethane	10	U		NA		NA	10	U	10	U
Chloroform	10	U		NA		NA	10	U	10	U
Chloromethane	10	U		NA		NA	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	10	U		NA		NA	10	U	10	U
Cyclohexane		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U		NA		NA	10	U	10	U
Dichlorodifluoromethane		NA		NA		NA		NA	10	UJ
Ethylbenzene	10	U		NA		NA	10	U	10	U
Isopropylbenzene		NA		NA		NA		NA	10	U
Methyl Acetate		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA		NA	10	U
Methylene Chloride	10	U		NA		NA	10	U	10	U
Styrene	10	U		NA		NA	10	U	10	U
Tetrachloroethene	10	U		NA		NA	10	U	10	U
Toluene	10	U		NA		NA	10	U	10	U
Total Xylenes	2	J		NA		NA	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U		NA		NA	10	U	10	U
Trichloroethene	10	U		NA		NA	10	U	10	U
Trichlorofluoromethane		NA		NA		NA		NA	10	U
Vinyl Chloride	10	U		NA		NA	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA	10.0	U
Ethene		NA		NA		NA		NA	10.0	U
Methane		NA		NA		NA		NA	11500	
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA	1	U		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA	1	U		NA		NA		NA
1,1,2-Trichloroethane		NA	1	U		NA		NA		NA
1,1-Dichloroethane		NA	1	U		NA		NA		NA
1,1-Dichloroethene		NA	1	U		NA		NA		NA
1,2,4-Trichlorobenzene		NA		R		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		R		NA		NA		NA
1,2-Dibromoethane		NA	1	U		NA		NA		NA
1,2-Dichlorobenzene		NA		R		NA		NA		NA
1,2-Dichloroethane		NA	1	UJ		NA		NA		NA
1,2-Dichloropropane		NA	1	U		NA		NA		NA
1,3-Dichlorobenzene		NA		R		NA		NA		NA
1,4-Dichlorobenzene		NA		R		NA		NA		NA
2-Butanone		NA	5	U		NA		NA		NA
2-Hexanone		NA	5	U		NA		NA		NA
4-Methyl-2-Pentanone		NA	5	U		NA		NA		NA
Acetone		NA		R		NA		NA		NA
Benzene		NA		R		NA		NA		NA
Bromochloromethane		NA	1	UJ		NA		NA		NA
Bromodichloromethane		NA	1	U		NA		NA		NA
Bromoform		NA	1	U		NA		NA		NA
Bromomethane		NA	1	U		NA		NA		NA
Carbon Disulfide		NA	1	U		NA		NA		NA
Carbon Tetrachloride		NA	1	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		R		NA		NA		NA
Chloroethane		NA	1	U		NA		NA		NA
Chloroform		NA	1	U		NA		NA		NA
Chloromethane		NA	1	U		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA
cis-1,3-Dichloropropene		NA	1	U		NA		NA		NA
Dibromochloromethane		NA	1	U		NA		NA		NA
Ethylbenzene		NA		R		NA		NA		NA
Methylene Chloride		NA	2	UJ		NA		NA		NA
Styrene		NA		R		NA		NA		NA
Tetrachloroethene		NA	1	U		NA		NA		NA
Toluene		NA		R		NA		NA		NA
Total Xylenes		NA	1	J		NA		NA		NA
trans-1,2-Dichloroethene		NA	1	U		NA		NA		NA
trans-1,3-Dichloropropene		NA	1	U		NA		NA		NA
Trichloroethene		NA	1	U		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U	10	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U	10	U		NA	10	U		NA
1,4-Dichlorobenzene	10	U	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U		NA	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA	10	U	10	U
2,4-Dichlorophenol	10	U	10	U		NA	10	U	10	U
2,4-Dimethylphenol	10	U	10	U		NA	10	U	10	U
2,4-Dinitrophenol	25	UJ	25	U		NA	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U		NA	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U		NA	10	U	10	U
2-Chloronaphthalene	10	U	10	U		NA	10	U	10	U
2-Chlorophenol	10	U	10	U		NA	10	U	10	U
2-Methylnaphthalene	6	J	3	J		NA	0.9	J	10	U
2-Methylphenol	10	U	10	U		NA	10	U	10	U
2-Nitroaniline	25	U	25	U		NA	25	U	25	UJ
2-Nitrophenol	10	U	10	U		NA	10	U	10	U
3,3'-Dichlorobenzidine	10	UJ	10	U		NA	10	U	10	U
3-Nitroaniline	25	U	25	U		NA	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA	10	U	10	U
4-Chloroaniline	10	U	10	U		NA	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA	10	U	10	U
4-Methylphenol	10	U	10	U		NA	10	U	10	UJ
4-Nitroaniline	25	U	25	U		NA	25	U	25	UJ
4-Nitrophenol	25	U	25	U		NA	25	U	25	UJ
Acenaphthene	6	J	4	J		NA	6	J	8	
Acenaphthylene	10	U	10	U		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA	10	UJ
Anthracene	10	U	10	U		NA	10	U	10	U
Atrazine		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA	10	U
Benzo(a)anthracene	10	U	10	U		NA	10	U	10	U
Benzo(a)pyrene	10	U	10	U		NA	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U		NA	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U		NA	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U		NA	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA	10	U	10	U
Butylbenzylphthalate	10	U	10	U		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA	10	U
Carbazole	4	J	4	J		NA	2	J	3	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U		NA	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA	10	U	10	U
Dibenzofuran	3	J	2	J		NA	3	J	4	
Diethylphthalate	10	U	10	U		NA	10	U	10	U
Dimethylphthalate	10	U	10	U		NA	10	U	10	U
Di-n-Butylphthalate	10	U	10	U		NA	10	U	10	U
Di-n-octylphthalate	10	U	10	U		NA	10	U	10	UJ
Fluoranthene	10	U	10	U		NA	10	U	10	U
Fluorene	2	J	2	J		NA	3	J	4	
Hexachlorobenzene	10	U	10	U		NA	10	U	10	U
Hexachlorobutadiene	10	U	10	U		NA	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U		NA	10	U	10	U
Hexachloroethane	10	U	10	U		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA	10	U	10	U
Isophorone	10	U	10	U		NA	10	U	10	U
Naphthalene	140		20			NA	9	J	14	
Nitrobenzene	10	U	10	U		NA	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U		NA	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U		NA	10	U	10	U
Pentachlorophenol	25	U	25	U		NA	25	U	25	U
Phenanthrene	10	U	10	U		NA	1	J	10	U
Phenol	10	U	10	U		NA	10	U	10	U
Pyrene	10	U	10	U		NA	10	U	10	U
Total PAH	148		26			NA	19			NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total	0.56	U	1.1	U	1.1	U		NA		NA
Aroclor-1016	0.50	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221	1.0	U	2.0	U	2.0	U		NA	0.25	U
Aroclor-1232	0.50	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242	0.50	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1248	0.50	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254	0.50	U	1.0	U	1.0	U		NA	0.25	U
Aroclor-1260	0.50	U	1.0	U	1.0	U		NA	0.25	U
Aroclor-1262	0.50	U	1.0	U	1.0	U		NA	0.28	U
Aroclor-1268	0.50	U	1.0	U	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U	0.0079	J		NA	0.050	U
delta-BHC	0.050	U	0.050	U	0.0017	J		NA	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	0.0030	J	0.10	U	0.0012	J		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U	0.0035	J		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U		NA	0.020	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA	1.8	U
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA	1.4	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA	1.1	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA	1.6	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA	1.0	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA	1.7	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA	0.95	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA	1.3	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA	1.1	
1,2,3,7,8-PeCDD		NA		NA		NA		NA	1.8	
1,2,3,7,8-PeCDF		NA		NA		NA		NA	1.2	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA	0.82	
2,3,4,7,8-PeCDF		NA		NA		NA		NA	2.0	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA	1.1	
2,3,7,8-TCDF		NA		NA		NA		NA	1.1	
OCDD		NA		NA		NA		NA	2.8	U
OCDF		NA		NA		NA		NA	8.8	
Total HpCDD		NA		NA		NA		NA	1.8	UJ
Total HpCDF		NA		NA		NA		NA	1.4	
Total HxCDD		NA		NA		NA		NA	3.0	
Total HxCDF		NA		NA		NA		NA	3.1	
Total PeCDD		NA		NA		NA		NA	1.8	
Total PeCDF		NA		NA		NA		NA	2.2	
Total TCDD		NA		NA		NA		NA	1.1	
Total TCDF		NA		NA		NA		NA	1.1	
Toxicity Equivalency		NA		NA		NA		NA	3.0	
TAL Metal Analysis (UG/L)										
Aluminum	59.1	U	17.0	U		NA	73.9		32.4	U
Antimony	18.8	U	3.0	U		NA	3.3	U	3.5	U
Arsenic	1.8	U	3.0	U		NA	3.9		9.3	UJ
Barium	1080		28.7			NA	595		592	
Beryllium	0.20	U	1.0	U		NA	1.2		0.10	U
Cadmium	1.1	U	1.0	U		NA	1.6		0.40	U
Calcium	187000		52000			NA	240000		210000	
Chromium	5.7	UJ	8.3			NA	1.7		0.78	
Cobalt	2.7	J	1.8	UJ		NA	3.4		1.0	U
Copper	3.9	UJ	2.0	U		NA	6.7		50.1	
Cyanide		NA		NA		NA		NA	10.0	U
Iron	62700		60.1	J		NA	94300		27900	
Lead	1.2	UJ	1.0	U		NA	10.2		9.2	
Magnesium	54700		24800			NA	75500		31200	
Manganese	1840		546	J		NA	2050		2540	
Mercury	0.53		0.10	U		NA	0.10	U	0.36	
Nickel	5.2	U	5.1	U		NA	1.6	U	5.1	U
Potassium	25000		5610			NA	46600	L	25000	
Selenium	2.8	U	3.0	U		NA	3.4	U	8.8	UJ
Silver	2.7		1.0	U		NA	1.0	U	1.2	
Sodium	159000		104000			NA	686000		86000	
Thallium	3.1	U	3.0	U		NA	6.3		3.1	U
Vanadium	7.0		1.0	U		NA	4.7		1.3	UJ
Zinc	2.7	U	28.0			NA	50.7		28.6	U
Wet Chemistry Analysis										
Alkalinity		NA	940		1040			NA	698	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-MF-MW-104S-04		OU2-MW-104S-05		OU2-MW-104S-06		OU2-MW-104S-00		OU2-MW-104S-07-AVG	
Sample Location	MW-104S		MW-104S		MW-104S		MW-104S		MW-104S	
Date Sampled	3/28/1995		11/7/1997		11/18/1998		11/18/1998		12/12/2002	
Interval	6.5-10.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-104S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA	912	
Chloride		NA	397		1310			NA	73.3	
Ferrous Iron		NA		NA		NA		NA	2.8	
Nitrate		NA		NA		NA		NA	0.050	U
Nitrate-Nitrite (as N)		NA	0.10	U	0.050	U		NA		NA
Nitrite-N		NA		NA		NA		NA	0.050	UJ
Sulfate		NA	18.9		5.0	U		NA	117	
Sulfide		NA		NA		NA		NA	0.90	
Total Organic Carbon		NA		NA		NA		NA	53.9	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane	10	U	10	U		NA		NA	13
1,1,2,2-Tetrachloroethane	10	U	10	U		NA		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA	
1,1,2-Trichloroethane	10	U	10	U		NA		NA	10
1,1-Dichloroethane	10	U	10	U		NA		NA	16
1,1-Dichloroethene	10	U	10	U		NA		NA	9
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA	
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA	
1,2-Dibromoethane	10	U	10	U		NA		NA	
1,2-Dichlorobenzene	10	U	10	U		NA		NA	
1,2-Dichloroethane	10	U	10	U		NA		NA	10
1,2-Dichloroethene (total)		NA		NA		NA		NA	22
1,2-Dichloropropane	10	U	10	U		NA		NA	10
1,3-Dichlorobenzene	10	U	10	U		NA		NA	
1,4-Dichlorobenzene	10	U	10	U		NA		NA	
1,4-Dioxane	100	UJ	100	UJ		NA		NA	
2-Butanone	10	U	10	U		NA		NA	10
2-Hexanone	10	U	10	U		NA		NA	10
4-Methyl-2-Pentanone	10	U	10	U		NA		NA	10
Acetone	10	UJ	10	UJ		NA		NA	15
Benzene	10	U	10	U		NA		NA	10
Bromodichloromethane	10	U	10	U		NA		NA	10
Bromoform	10	U	10	U		NA		NA	10
Bromomethane	10	U	10	U		NA		NA	10
Carbon Disulfide	10	U	10	U		NA		NA	10
Carbon Tetrachloride	10	U	10	U		NA		NA	10
Chlorobenzene	10	U	10	U		NA		NA	10
Chloroethane	10	U	10	U		NA		NA	10
Chloroform	10	U	10	U		NA		NA	10
Chloromethane	10	U	10	U		NA		NA	10
cis-1,2-Dichloroethene	10	U	10	U		NA		NA	
cis-1,3-Dichloropropene	10	U	10	U		NA		NA	10
Cyclohexane	10	U	10	U		NA		NA	
Dibromochloromethane	10	U	10	U		NA		NA	10
Dichlorodifluoromethane	10	UJ	10	UJ		NA		NA	
Ethylbenzene	10	U	10	U		NA		NA	10
Isopropylbenzene	10	U	10	U		NA		NA	
Methyl Acetate	10	U	10	U		NA		NA	
Methyl tert-Butyl Ether	10	U	10	U		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane	10	U	10	U		NA		NA	
Methylene Chloride	10	U	10	U		NA		NA	10
Styrene	10	U	10	U		NA		NA	10
Tetrachloroethene	10	U	10	U		NA		NA	10
Toluene	10	U	10	U		NA		NA	10
Total Xylenes	10	U	10	U		NA		NA	10
trans-1,2-Dichloroethene	10	U	10	U		NA		NA	
trans-1,3-Dichloropropene	10	U	10	U		NA		NA	10
Trichloroethene	10	U	10	U		NA		NA	48
Trichlorofluoromethane	10	U	10	U		NA		NA	
Vinyl Chloride	1	U	1	U		NA		NA	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)									
Ethane	10.0	U	10.0	U		NA		NA	
Ethene	10.0	U	10.0	U		NA		NA	
Methane	11000		12000			NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)									
1,1,1-Trichloroethane		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)									
1,1,1-Trichloroethane		NA		NA	90		8.5		
1,1-Dichloroethane		NA		NA	77		8.7		
1,1-Dichloroethene		NA		NA	47		3.7		
1,2-Dichloroethane		NA		NA	10	U	1	U	
Benzene		NA		NA	10	U	1	U	
Chlorobenzene		NA		NA	10	U	1	U	
cis-1,2-Dichloroethene		NA		NA	20		2.4		
Ethylbenzene		NA		NA	10	U	1	U	
m&p-Xylene		NA		NA	10	U	1	U	
o-Xylene		NA		NA	10	U	1	U	
Tetrachloroethene		NA		NA	10	U	1	U	
Toluene		NA		NA	10	U	1	U	
trans-1,2-Dichloroethene		NA		NA	10	U	1	U	
Trichloroethene		NA		NA	10		1.3		
Vinyl Chloride		NA		NA	10	U	1	U	
Semivolatile Organic Analysis (UG/L)									
1,1'-Biphenyl	10	U	10	U		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10
1,2-Dichlorobenzene		NA		NA		NA		NA	10
1,3-Dichlorobenzene		NA		NA		NA		NA	10
1,4-Dichlorobenzene		NA		NA		NA		NA	10
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	25	U	25	U		NA		NA	25
2,4,6-Trichlorophenol	10	U	10	U		NA		NA	10
2,4-Dichlorophenol	10	U	10	U		NA		NA	10
2,4-Dimethylphenol	10	U	10	U		NA		NA	10
2,4-Dinitrophenol	25	U	25	U		NA		NA	25
2,4-Dinitrotoluene	10	U	10	U		NA		NA	10
2,6-Dinitrotoluene	10	U	10	U		NA		NA	10
2-Chloronaphthalene	10	U	10	U		NA		NA	10
2-Chlorophenol	10	U	10	U		NA		NA	10
2-Methylnaphthalene	10	U	10	U		NA		NA	10
2-Methylphenol	10	U	10	U		NA		NA	10
2-Nitroaniline	25	UJ	25	UJ		NA		NA	25
2-Nitrophenol	10	U	10	U		NA		NA	10
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA	10
3-Nitroaniline	25	U	25	U		NA		NA	25
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA	25
4-Bromophenyl-phenylether	10	U	10	U		NA		NA	10
4-Chloro-3-methylphenol	10	U	10	U		NA		NA	10
4-Chloroaniline	10	UJ	10	U		NA		NA	10
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA	10
4-Methylphenol	10	UJ	10	U		NA		NA	10
4-Nitroaniline	25	UJ	25	UJ		NA		NA	25
4-Nitrophenol	25	UJ	25	U		NA		NA	25
Acenaphthene	8	J	7	J		NA		NA	10
Acenaphthylene	10	U	10	U		NA		NA	10
Acetophenone	10	UJ	10	UJ		NA		NA	
Anthracene	10	U	10	U		NA		NA	10
Atrazine	10	U	10	UJ		NA		NA	
Benzaldehyde	10	U	10	UJ		NA		NA	
Benzo(a)anthracene	10	U	10	U		NA		NA	10
Benzo(a)pyrene	10	U	10	U		NA		NA	10
Benzo(b)fluoranthene	10	U	10	U		NA		NA	10
Benzo(g,h,i)perylene	10	U	10	U		NA		NA	10
Benzo(k)fluoranthene	10	U	10	U		NA		NA	10
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA	10
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA	10
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA	10
Butylbenzylphthalate	10	U	10	U		NA		NA	10
Caprolactam	10	U	10	U		NA		NA	
Carbazole	1	J	10	U		NA		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Chrysene	10	U	10	U		NA		NA	10
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA	10
Dibenzofuran	4	J	4	J		NA		NA	10
Diethylphthalate	10	U	10	U		NA		NA	10
Dimethylphthalate	10	U	10	U		NA		NA	10
Di-n-Butylphthalate	10	U	10	U		NA		NA	10
Di-n-octylphthalate	10	UJ	10	U		NA		NA	10
Fluoranthene	10	U	10	U		NA		NA	10
Fluorene	4	J	4	J		NA		NA	10
Hexachlorobenzene	10	U	10	U		NA		NA	10
Hexachlorobutadiene	10	U	10	U		NA		NA	10
Hexachlorocyclopentadiene	10	U	10	U		NA		NA	10
Hexachloroethane	10	U	10	U		NA		NA	10
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA	10
Isophorone	10	U	10	U		NA		NA	10
Naphthalene	15		12			NA		NA	10
Nitrobenzene	10	U	10	U		NA		NA	10
N-Nitroso-di-n-propylamine	10	UJ	10	UJ		NA		NA	10
N-Nitroso-diphenylamine	10	U	10	U		NA		NA	10
Pentachlorophenol	25	U	25	U		NA		NA	25
Phenanthrene	10	U	10	U		NA		NA	10
Phenol	10	U	10	U		NA		NA	10
Pyrene	10	U	10	U		NA		NA	10
Total PAH		NA		NA		NA		NA	10
Low Concentration PAH (SIM) Analysis (UG/L)									
Acenaphthylene	0.20	U	0.20	U		NA		NA	
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA	
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA	
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA	
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA	
Chrysene	0.20	U	0.20	U		NA		NA	
Dibenzo(a,h)anthracene	0.20	U	0.20	UJ		NA		NA	
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA	
Phenanthrene	0.20	U	0.20	U		NA		NA	
Pesticide/PCB Analysis (UG/L)									
4,4'-DDD	0.10	U	0.10	U		NA		NA	0.10
4,4'-DDE	0.10	U	0.10	U		NA		NA	0.10
4,4'-DDT	0.10	U	0.10	U		NA		NA	0.10
Aldrin	0.050	U	0.050	U		NA		NA	0.050
alpha-BHC	0.050	U	0.050	U		NA		NA	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
alpha-Chlordane	0.050	U	0.050	U		NA		NA	0.050
Aroclor, Total		NA		NA		NA		NA	1.1
Aroclor-1016	1.0	U	1.0	U		NA		NA	1.0
Aroclor-1221	0.25	U	0.25	U		NA		NA	2.0
Aroclor-1232	1.0	U	1.0	U		NA		NA	1.0
Aroclor-1242	1.0	U	1.0	U		NA		NA	1.0
Aroclor-1248	1.0	U	1.0	U		NA		NA	1.0
Aroclor-1254	0.25	U	0.25	U		NA		NA	1.0
Aroclor-1260	0.25	U	0.25	U		NA		NA	1.0
Aroclor-1262	0.28	U	0.28	U		NA		NA	1.0
Aroclor-1268	1.0	U	1.0	U		NA		NA	1.0
beta-BHC	0.050	U	0.050	U		NA		NA	0.050
delta-BHC	0.050	U	0.050	U		NA		NA	0.050
Dieldrin	0.050	U	0.050	U		NA		NA	0.10
Endosulfan I	0.050	U	0.050	U		NA		NA	0.050
Endosulfan II	0.10	U	0.10	U		NA		NA	0.10
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA	0.10
Endrin	0.050	U	0.050	U		NA		NA	0.10
Endrin Aldehyde	0.10	U	0.10	U		NA		NA	0.10
Endrin Ketone	0.10	U	0.10	U		NA		NA	0.10
gamma-BHC	0.050	U	0.050	U		NA		NA	0.050
gamma-Chlordane	0.050	U	0.050	U		NA		NA	0.050
Heptachlor	0.020	U	0.020	U		NA		NA	0.050
Heptachlor Epoxide	0.020	U	0.020	U		NA		NA	0.050
Methoxychlor	0.50	U	0.50	U		NA		NA	0.50
Toxaphene	5.0	U	5.0	U		NA		NA	5.0
Dioxin Analysis (PG/L)									
1,2,3,4,6,7,8-HpCDD	1.8	U	2.4	U		NA		NA	
1,2,3,4,6,7,8-HpCDF	2.1	J	1.4	U		NA		NA	
1,2,3,4,7,8,9-HpCDF	1.1	U	1.8	U		NA		NA	
1,2,3,4,7,8-HxCDD	2.5	J	1.6	U		NA		NA	
1,2,3,4,7,8-HxCDF	2.8	U	1.1	U		NA		NA	
1,2,3,6,7,8-HxCDD	2.6	J	1.6	U		NA		NA	
1,2,3,6,7,8-HxCDF	2.5	U	1.0	U		NA		NA	
1,2,3,7,8,9-HxCDD	1.8	J	1.5	U		NA		NA	
1,2,3,7,8,9-HxCDF	2.8	U	1.3	U		NA		NA	
1,2,3,7,8-PeCDD	2.8	EMPC	1.5	U		NA		NA	
1,2,3,7,8-PeCDF	3.3	U	1.1	U		NA		NA	
2,3,4,6,7,8-HxCDF	1.9	U	1.2	U		NA		NA	
2,3,4,7,8-PeCDF	3.5	EMPC	1.1	U		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
2,3,7,8-TCDD	1.4	J	1.4	U		NA		NA	
2,3,7,8-TCDF	1.7	J	1.1	U		NA		NA	
OCDD	2.8	U	3.3	U		NA		NA	
OCDF	2.0	U	16.7	J		NA		NA	
Total HpCDD	1.8	UJ	2.4	UJ		NA		NA	
Total HpCDF	2.1	J	1.6	UJ		NA		NA	
Total HxCDD	9.2	UJEMP	1.6	UJ		NA		NA	
Total HxCDF	10.1	UJ	1.1	UJ		NA		NA	
Total PeCDD	2.8	EMPC	1.5	UJ		NA		NA	
Total PeCDF	6.8	UJEMP	1.1	UJ		NA		NA	
Total TCDD	1.4	J	1.4	UJ		NA		NA	
Total TCDF	1.7	J	1.1	UJ		NA		NA	
Toxicity Equivalency	6.8	J	0.0017	J		NA		NA	
TAL Metal Analysis (UG/L)									
Aluminum	32.4	U	43.9	U		NA		NA	20.9
Antimony	3.5	U	3.5	U		NA		NA	14.7
Arsenic	9.3	UJ	2.9	U		NA		NA	1.5
Barium	569		616			NA		NA	16.9
Beryllium	0.10	U	0.14	UJ		NA		NA	0.48
Cadmium	0.40	U	0.40	U		NA		NA	1.1
Calcium	211000		210000			NA		NA	96000
Chromium	0.90	U	1.1	J		NA		NA	2.5
Cobalt	1.0	U	1.0	U		NA		NA	2.1
Copper	3.3	J	97.0	J		NA		NA	4.0
Cyanide	10.0	U	10.0	U		NA		NA	
Iron	28300		27600			NA		NA	154
Lead	9.8		8.7	J		NA		NA	1.5
Magnesium	30800		31700			NA		NA	21300
Manganese	2600		2470			NA		NA	823
Mercury	0.43		0.28			NA		NA	0.20
Nickel	5.1	U	5.7	U		NA		NA	6.5
Potassium	24500		25400			NA		NA	6240
Selenium	8.8	UJ	3.0	UJ		NA		NA	2.1
Silver	1.2	J	1.3	J		NA		NA	3.6
Sodium	83400		88600			NA		NA	33900
Thallium	3.1	U	3.2	UJ		NA		NA	3.6
Vanadium	1.3	UJ	1.7	UJ		NA		NA	2.2
Zinc	28.6	U	21.5	U		NA		NA	40.7
Wet Chemistry Analysis									
Alkalinity	684		712			NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-104S-07		OU2-MW-DUP03-07		OU2-DP10-5-1419		OU2-DP10-5-2429		SP-MW-110D-01
Sample Location	MW-104S		MW-104S		DP10-5		DP10-5		MW-110D
Date Sampled	12/12/2002		12/12/2002		8/13/1997		8/13/1997		5/16/1994
Interval	0.0-0.0		0.0-0.0		14.0-19.0		24.0-29.0		42.5-52.5
QC Identifier	Field Dup. OU2-MW-104S-07		Field Dup. OU2-MW-104S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Dioxide	901	J	924	J		NA		NA	
Chloride	64.4		82.3			NA		NA	
Ferrous Iron	2.64		2.9			NA		NA	
Nitrate	0.050	U	0.050	U		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA	
Nitrite-N	0.050	UJ	0.050	UJ		NA		NA	
Sulfate	134		99.4			NA		NA	
Sulfide	1.0	J	0.80	J		NA		NA	
Total Organic Carbon	76.3	J	31.5	J		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		60		240	J	190			NA	65	
1,1,2,2-Tetrachloroethane	U	10	U	10	U	14	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	U	10	U	10	U	14	U		NA	10	U
1,1-Dichloroethane		17	J	48		42			NA	31	
1,1-Dichloroethene	J	33		120		120			NA	52	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA	10	U
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA	10	U
1,2-Dibromoethane	NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	10	U
1,2-Dichloroethane	U	10	U	10	U	14	U		NA	10	U
1,2-Dichloroethene (total)		20		59		52			NA		NA
1,2-Dichloropropane	U	10	U	10	U	14	U		NA	10	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	10	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA
2-Butanone	U	10	U	10	U	14	U		NA	10	UJ
2-Hexanone	U	10	U	10	U	14	U		NA	10	UJ
4-Methyl-2-Pentanone	U	10	U	10	U	14	U		NA	10	U
Acetone	U	10	U	10	U	14	U		NA	10	UJ
Benzene	U	10	U	10	U	14	U		NA	10	U
Bromodichloromethane	U	10	U	10	U	14	U		NA	10	U
Bromoform	U	10	U	10	U	14	U		NA	10	U
Bromomethane	U	10	U	10	U	14	U		NA	10	U
Carbon Disulfide	U	10	U	10	U	14	U		NA	10	U
Carbon Tetrachloride	U	10	U	10	U	14	U		NA	10	U
Chlorobenzene	U	10	UJ	10	U	14	U		NA	10	U
Chloroethane	U	10	UJ	10	U	14	U		NA	10	U
Chloroform	U	10	UJ	10	U	14	U		NA	10	U
Chloromethane	UJ	10	UJ	10	U	14	U		NA	10	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA	43	
cis-1,3-Dichloropropene	U	10	U	10	U	14	U		NA	10	U
Cyclohexane	NA		NA		NA		NA		NA	10	U
Dibromochloromethane	U	10	U	10	U	14	U		NA	10	U
Dichlorodifluoromethane	NA		NA		NA		NA		NA	10	UJ
Ethylbenzene	U	10	U	10	U	14	U		NA	10	U
Isopropylbenzene	NA		NA		NA		NA		NA	10	U
Methyl Acetate	NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA	2	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	NA		NA		NA		NA		NA	10	UJ
Methylene Chloride	U	10	U	10	U	14	U		NA	10	UJ
Styrene	U	10	U	10	U	14	U		NA	10	U
Tetrachloroethene	U	10	U	10	U	14	U		NA	10	U
Toluene	U	10	U	10	U	14	U		NA	10	U
Total Xylenes	U	10	UJ	10	U	14	U		NA	10	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	U	10	U	10	U	14	U		NA	10	U
Trichloroethene		34		91		70			NA	95	
Trichlorofluoromethane	NA		NA		NA		NA		NA	10	U
Vinyl Chloride	U	10	U	4	J	14	U		NA	1	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA	100	*J		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA	1	UJ		NA
1,1,2-Trichloroethane	NA		NA		NA		NA	1	UJ		NA
1,1-Dichloroethane	NA		NA		NA		NA	25	J		NA
1,1-Dichloroethene	NA		NA		NA		NA	38	*J		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA	1	UJ		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA	1	UJ		NA
1,2-Dibromoethane	NA		NA		NA		NA	1	UJ		NA
1,2-Dichlorobenzene	NA		NA		NA		NA	1	UJ		NA
1,2-Dichloroethane	NA		NA		NA		NA	1	UJ		NA
1,2-Dichloropropane	NA		NA		NA		NA	1	UJ		NA
1,3-Dichlorobenzene	NA		NA		NA		NA	1	UJ		NA
1,4-Dichlorobenzene	NA		NA		NA		NA	1	UJ		NA
2-Butanone	NA		NA		NA		NA	5	UJ		NA
2-Hexanone	NA		NA		NA		NA	5	UJ		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA	5	UJ		NA
Acetone	NA		NA		NA		NA		R		NA
Benzene	NA		NA		NA		NA	1	UJ		NA
Bromochloromethane	NA		NA		NA		NA	1	UJ		NA
Bromodichloromethane	NA		NA		NA		NA	1	UJ		NA
Bromoform	NA		NA		NA		NA	1	UJ		NA
Bromomethane	NA		NA		NA		NA	1	UJ		NA
Carbon Disulfide	NA		NA		NA		NA	1	UJ		NA
Carbon Tetrachloride	NA		NA		NA		NA	1	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA	1	UJ		NA
Chloroethane	NA		NA		NA		NA	1	UJ		NA
Chloroform	NA		NA		NA		NA	1	UJ		NA
Chloromethane	NA		NA		NA		NA	1	UJ		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA	32	*J		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA	1	UJ		NA
Dibromochloromethane	NA		NA		NA		NA	1	UJ		NA
Ethylbenzene	NA		NA		NA		NA	1	UJ		NA
Methylene Chloride	NA		NA		NA		NA	2	UJ		NA
Styrene	NA		NA		NA		NA	1	UJ		NA
Tetrachloroethene	NA		NA		NA		NA	1	UJ		NA
Toluene	NA		NA		NA		NA	1	UJ		NA
Total Xylenes	NA		NA		NA		NA	1	UJ		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA	1	UJ		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA	1	UJ		NA
Trichloroethene	NA		NA		NA		NA	66	*J		NA
Vinyl Chloride	NA		NA		NA		NA	1	UJ		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	U	25	U	25	UJ	25	UJ	25	U	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	U	25	UJ	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	U	10	U	10	U	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	U	25	U	25	U	25	U	25	U	25	UJ
4-Nitrophenol	UJ	25	U	25	U	25	U	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	NA		NA		NA		NA		NA	10	U
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	NA		NA		NA		NA		NA	10	U
Benzaldehyde	NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	NA		NA		NA		NA		NA	10	U
Carbazole	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10	UJ
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	10	U	10	U	10	U	10	U	10	U
Pyrene	UJ	10	U	10	U	10	U	10	U	10	U
Total PAH	U	10	U	10	U	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene	NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene	NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene	NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene	NA		NA		NA		NA		NA	0.20	U
Chrysene	NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA	0.20	U
Phenanthrene	NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	U	0.56	U	0.56	U	0.56	U	1.1	U		NA
Aroclor-1016	U	0.50	UJ	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1221	U	1.0	U	1.0	U	1.0	U	2.0	U	0.25	U
Aroclor-1232	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1242	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1248	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1254	U	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1260	U	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1262	U	0.50	U	0.50	U	0.50	U	1.0	U	0.28	U
Aroclor-1268	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
beta-BHC	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endosulfan I	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Heptachlor Epoxide	U	0.050	U	0.050	U	0.0011	J	0.050	U	0.020	U
Methoxychlor	U	0.022	J	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)											
Aluminum	UJ	21.3	U	53.1	UJ	30.4	UJ	17.0	U	20.7	UJ
Antimony	UJ	28.5	U	11.2	UJ	18.8	U	3.0	U	3.5	U
Arsenic	UJ	0.90	U	8.9	J	1.8	U	3.0	U	3.3	UJ
Barium	J	16.2		12.5	J	13.2		12.7		38.3	
Beryllium	UJ	0.20	U	0.30	UJ	0.20	U	1.0	U	1.1	U
Cadmium	UJ	3.9	UJ	1.4	UJ	1.1	U	1.0	U	0.50	UJ
Calcium	J	82100		95800	J	96600		80800		68900	
Chromium	UJ	4.3	U	1.7	J	5.7	UJ	1.0	U	0.50	U
Cobalt	UJ	4.1	U	2.3	UJ	2.4	U	1.2	UJ	0.70	U
Copper	UJ	3.0	U	5.8	UJ	3.9	UJ	2.5	J	1.8	
Cyanide	NA		NA		NA		NA		NA		NA
Iron	UJ	200		194	UJ	255		35.8	U	159	U
Lead	UJ	1.5	UJ	2.2	UJ	0.42	UJ	1.0	U	1.5	U
Magnesium	J	12600		13600	J	14500		16100		14700	
Manganese	J	286		264	J	326		161		99.9	
Mercury	UJ	0.20	U	0.20	UJ	0.20	U	0.10	U	0.10	U
Nickel	UJ	13.3	UJ	5.2	J	5.2	U	1.2	J	1.7	U
Potassium	J	6330		5990	J	5810		5930		5800	
Selenium	UJ	0.70	U	2.5	UJ	2.8	U	3.0	U	2.2	UJ
Silver	UJ	2.6	U	2.4	UJ	1.8	U	1.0	U		R
Sodium	J	21500		18000	J	21300		22700		33700	
Thallium	UJ	0.90	U	1.7	UJ	3.6	J	3.0	U	4.0	UJ
Vanadium	UJ	3.5	U	2.3	UJ	2.9	U	1.0	U	1.8	
Zinc	UJ	48.9	U	14.0	UJ	3.9	U	31.7	UJ	154	
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA		NA	159			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-110D-02		RM-SP-MW-110D-03		RM-SP-MW-110D-04		OU2-MW-110D-05		OU2-MW-110D-07-AVG	
Sample Location		MW-110D		MW-110D		MW-110D		MW-110D		MW-110D	
Date Sampled		8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval		42.5-52.5		42.5-52.5		42.5-52.5		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		Field Dup. OU2-MW-110D-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide	NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA	31.6			NA
Ferrous Iron	NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA	1.94			NA
Nitrite-N	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA	92.3			NA
Sulfide	NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1-Trichloroethane	62		68		4	J	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U
1,1-Dichloroethane	30		32		17		23	J
1,1-Dichloroethene	51		53		6	J	8	J
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA
1,2-Dibromoethane	10	U	10	U		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	27		62	
1,2-Dichloropropane	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA
1,4-Dioxane	100	UJ	100	UJ		NA		NA
2-Butanone	10	UJ	10	UJ	10	U	10	U
2-Hexanone	10	UJ	10	UJ	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U
Acetone	10	UJ	10	UJ	14	U	10	U
Benzene	10	U	10	U	2	J	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	UJ
Chloroethane	10	U	10	U	10	U	10	UJ
Chloroform	10	U	10	U	2	J	10	UJ
Chloromethane	10	U	10	U	10	UJ	10	UJ
cis-1,2-Dichloroethene	42		44			NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	10	UJ	10	UJ		NA		NA
Ethylbenzene	10	U	10	U	4	J	10	U
Isopropylbenzene	10	U	10	U		NA		NA
Methyl Acetate	10	U	10	U		NA		NA
Methyl tert-Butyl Ether	2	J	3	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	UJ	10	UJ		NA		NA
Methylene Chloride	10	UJ	10	UJ	10	U	10	U
Styrene	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	18		10	UJ
trans-1,2-Dichloroethene	10	U	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U
Trichloroethene	92		98		57		31	
Trichlorofluoromethane	10	U	10	U		NA		NA
Vinyl Chloride	1		1		3	J	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)								
Ethane		NA		NA		NA		NA
Ethene		NA		NA		NA		NA
Methane		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA
Acetone		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA
Styrene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl	10	U	10	U		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U	10	U
1,2-Dichlorobenzene		NA		NA	10	U	10	U
1,3-Dichlorobenzene		NA		NA	10	U	10	U
1,4-Dichlorobenzene		NA		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	UJ
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	UJ	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U
Acetophenone	10	U	10	U		NA		NA
Anthracene	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U		NA		NA
Benzaldehyde	10	UJ	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ	10	UJ	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	UJ	10	U
Total PAH		NA		NA	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene	0.20	U	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA
Chrysene	0.20	U	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA
Phenanthrene	0.20	U	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U	0.56	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	0.50	UJ
Aroclor-1221	0.25	U	0.25	U	2.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1254	0.25	U	0.25	U	1.0	U	0.50	U
Aroclor-1260	0.25	U	0.25	U	1.0	U	0.50	U
Aroclor-1262	0.28	U	0.28	U	1.0	U	0.50	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	0.50	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.050	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	0.020	U	0.020	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)								
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA
OCDD		NA		NA		NA		NA
OCDF		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA
TAL Metal Analysis (UG/L)								
Aluminum	20.7	UJ	10.1	U	24.6	J	21.3	U
Antimony	3.5	U	3.5	U	14.7	UJ	28.5	U
Arsenic	3.3	UJ	2.3	U	2.2	J	0.90	U
Barium	36.2	J	40.4	J	34.4	J	32.1	
Beryllium	1.1	U	1.1	U	0.48	UJ	0.20	U
Cadmium	0.50	UJ	0.50	UJ	1.1	UJ	3.9	UJ
Calcium	57000	J	80800	J	101000	J	106000	
Chromium	0.50	U	0.50	U	6.0	UJ	3.6	U
Cobalt	0.70	U	0.70	U	2.1	UJ	4.1	U
Copper	2.0		1.5		3.6	UJ	3.0	U
Cyanide		NA		NA		NA		NA
Iron	159	U	202	U	4460	J	1430	
Lead	1.5	U	1.5	U	1.5	UJ	1.0	U
Magnesium	12000		17300		28200	J	29600	
Manganese	84.8		115		234	J	179	
Mercury	0.10	U	0.10	U	0.20	UJ	0.20	U
Nickel	1.7	U	1.7	U	6.5	UJ	13.3	UJ
Potassium	5490	J	6110	J	12700	J	15000	
Selenium	2.2	UJ	2.2	UJ	2.1	UJ	0.70	U
Silver		R		R	3.6	UJ	2.6	U
Sodium	29600		37800		115000	J	140000	
Thallium	4.0	UJ	4.0	UJ	2.5	UJ	0.90	U
Vanadium	1.8		1.8		2.2	UJ	3.7	J
Zinc	136	J	173	J	132	J	4.7	U
Wet Chemistry Analysis								
Alkalinity		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-110D-07		OU2-MW-DUP15-07		SP-MW-110M-01		RM-SP-MW-110M-02	
Sample Location	MW-110D		MW-110D		MW-110M		MW-110M	
Date Sampled	1/13/2003		1/13/2003		5/16/1994		8/26/1994	
Interval	0.0-0.0		0.0-0.0		18.0-28.0		18.0-28.0	
QC Identifier	Field Dup. OU2-MW-110D-07		Field Dup. OU2-MW-110D-07		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA
Chloride		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	3	J	19	J	6		28		10	U
1,1,2,2-Tetrachloroethane	10	U	21	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	10	U		NA
1,1,2-Trichloroethane	10	U	21	U	10	U	10	U	10	U
1,1-Dichloroethane	16		98		90.5		85		10	U
1,1-Dichloroethene	11		34		41.5		41		10	U
1,2,4-Trichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U		NA
1,2-Dibromoethane		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dichloroethane	10	U	21	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	43		250		125			NA	1	J
1,2-Dichloropropane	10	U	21	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA
2-Butanone	10	U	21	U	10	U	10	UJ	97	J
2-Hexanone	10	U	21	U	10	U	10	UJ	10	U
4-Methyl-2-Pentanone	10	U	21	U	10	U	10	U	10	U
Acetone	10	U	21	UJ	10.5	U	10	UJ	350	
Benzene	1	J	9	J	5.5		6	J	2	J
Bromodichloromethane	10	U	21	U	10	U	10	U	10	U
Bromoform	10	U	21	U	10	U	10	U	10	U
Bromomethane	10	U	21	U	10	U	10	U	10	U
Carbon Disulfide	10	U	21	U	10	U	10	U	59	
Carbon Tetrachloride	10	U	21	U	10	U	10	U	10	U
Chlorobenzene	10	U	21	U	10	U	10	U	10	U
Chloroethane	10	U	21	U	10	U	10	U	10	U
Chloroform	10	U	21	U	10	U	10	U	10	U
Chloromethane	10	U	21	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA	120			NA
cis-1,3-Dichloropropene	10	U	21	U	10	U	10	U	10	U
Cyclohexane		NA		NA		NA	10	U		NA
Dibromochloromethane	10	U	21	U	10	U	10	U	10	U
Dichlorodifluoromethane		NA		NA		NA	10	UJ		NA
Ethylbenzene	10	U	1	J	10	U	10	U	15	
Isopropylbenzene		NA		NA		NA	10	U		NA
Methyl Acetate		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether		NA		NA		NA	9	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA	10	UJ		NA
Methylene Chloride	10	U	21	U	10	U	10	UJ	10	U
Styrene	10	U	21	U	10	U	10	U	10	U
Tetrachloroethene	10	U	21	U	10	U	10	U	10	U
Toluene	10	U	21	U	10	U	10	U	42	
Total Xylenes	10	U	2	J	3		10	U	61	
trans-1,2-Dichloroethene		NA		NA		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	21	U	10	U	10	U	10	U
Trichloroethene	12		180		7		14		10	U
Trichlorofluoromethane		NA		NA		NA	10	U		NA
Vinyl Chloride	3	J	20	J	112.5		110		4	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U		NA	1000	U
1,2-Dichlorobenzene	10	U	10	U	10	U		NA	1000	U
1,3-Dichlorobenzene	10	U	10	U	10	U		NA	1000	U
1,4-Dichlorobenzene	10	U	10	U	10	U		NA	1000	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	1000	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	2500	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	1000	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	1000	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	1000	U
2,4-Dinitrophenol	25	UJ	25	UJ	25	U	25	U	2500	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	1000	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	1000	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	1000	U
2-Chlorophenol	10	U	10	U	10	U	10	U	1000	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	1000	U
2-Methylphenol	10	U	10	U	10	U	10	U	1000	U
2-Nitroaniline	25	U	25	U	25	U	25	U	2500	U
2-Nitrophenol	10	U	10	U	10	U	10	U	1000	U
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	1000	U
3-Nitroaniline	25	U	25	U	25	U	25	U	2500	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	2500	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	1000	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	1000	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	1000	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	1000	U
4-Methylphenol	10	U	10	U	10	U	10	U	510	J
4-Nitroaniline	25	U	25	U	25	U	25	UJ	2500	U
4-Nitrophenol	25	U	25	U	25	U	25	U		R
Acenaphthene	10	U	10	U	10	U	10	U	1000	U
Acenaphthylene	10	U	10	U	10	U	10	U	1000	U
Acetophenone		NA		NA		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	1000	U
Atrazine		NA		NA		NA	10	U		NA
Benzaldehyde		NA		NA		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	1000	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	1000	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	1000	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	1000	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	1000	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	1000	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	1000	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	1000	UJ
Butylbenzylphthalate	10	U	10	U	10	U	10	U	1000	UJ
Caprolactam		NA		NA		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	1000	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	1000	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	1000	U
Dibenzofuran	10	U	10	U	10	U	10	U	1000	U
Diethylphthalate	10	U	10	U	10	U	10	U	1000	U
Dimethylphthalate	10	U	10	U	10	U	10	U	1000	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	1000	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	1000	UJ
Fluoranthene	10	U	10	U	10	U	10	U	1000	U
Fluorene	10	U	10	U	10	U	10	U	1000	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	1000	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	1000	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	UJ	1000	U
Hexachloroethane	10	U	10	U	10	U	10	U	1000	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	1000	U
Isophorone	10	U	10	U	10	U	10	U	1000	U
Naphthalene	10	U	10	U	10	U	10	U	1000	U
Nitrobenzene	10	U	10	U	10	U	10	U	1000	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	1000	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	1000	U
Pentachlorophenol	25	U	25	U	25	U	25	U	2500	U
Phenanthrene	10	U	10	U	10	U	10	U	1000	U
Phenol	10	U	10	U	10	U	10	U	5800	J
Pyrene	10	U	10	U	10	U	10	U	1000	UJ
Total PAH	10	U	10	U	10	U		NA	1000	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA
Chrysene		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA
Phenanthrene		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	0.56	U	1.1	U		NA	1.1	U
Aroclor-1016	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	1.0	U	1.0	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.50	U	0.50	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	
Heptachlor	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	1.5	U		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	0.80	U		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	0.90	U		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	0.80	U		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	2.4	U		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	0.80	U		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	1.2	U		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	0.70	U		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	1.8	U		NA
1,2,3,7,8-PeCDD		NA		NA		NA	0.70	U		NA
1,2,3,7,8-PeCDF		NA		NA		NA	1.3	UEMPC		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	1.1	UEMPC		NA
2,3,4,7,8-PeCDF		NA		NA		NA	0.40	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA	0.70	U		NA
2,3,7,8-TCDF		NA		NA		NA	0.60	U		NA
OCDD		NA		NA		NA	33.4	U		NA
OCDF		NA		NA		NA	1.7	U		NA
Total HpCDD		NA		NA		NA	1.5	UJ		NA
Total HpCDF		NA		NA		NA	0.80	UJ		NA
Total HxCDD		NA		NA		NA	3.1	UEMPC		NA
Total HxCDF		NA		NA		NA	6.4	UEMPC		NA
Total PeCDD		NA		NA		NA	0.70	UJ		NA
Total PeCDF		NA		NA		NA	1.3	UEMPC		NA
Total TCDD		NA		NA		NA	0.70	UJ		NA
Total TCDF		NA		NA		NA	0.60	UJ		NA
Toxicity Equivalency		NA		NA		NA	0.00	UJ		NA
TAL Metal Analysis (UG/L)										
Aluminum	30.8	UJ	88.8	U	67.55		42.8	UJ	1650	
Antimony	11.2	UJ	18.8	U	5.95	U	3.5	U	14.7	U
Arsenic	1.8	J	1.8	U	2.45		2.3	U	6.2	
Barium	25.7	J	58.1		81.5		27.3	J	339	
Beryllium	0.30	UJ	0.20	U	1.0	U	1.1	U	0.59	U
Cadmium	1.4	UJ	1.1	U	1.0	U	0.50	UJ	1.1	U
Calcium	106000	J	86000		126500		69200	J	465000	
Chromium	1.8	J	5.7	UJ	2.6		1.2	UJ	2.5	U
Cobalt	2.3	UJ	2.4	U	1.0	U	0.70	U	2.1	UJ
Copper	2.1	UJ	3.9	UJ	5.3		0.80	U	3.6	U
Cyanide		NA		NA		NA		NA		NA
Iron	873	J	1990		2280		131	U	122	UJ
Lead	1.1	UJ	1.3	UJ	2.2	U	1.5	U	5.4	UJ
Magnesium	28100	J	15700		30450		10400		640	
Manganese	176	J	230		245		108		1.2	UJ
Mercury	0.20	J	0.20	U	0.10	U	0.11	J	0.32	J
Nickel	3.5	UJ	5.2	U	2.85		1.7	U	94.4	
Potassium	13500	J	10100		12150		10500		30700	
Selenium	2.5	UJ	2.8	U	3.0	U	2.2	UJ	2.1	U
Silver	2.4	UJ	1.8	U	1.0	U		R	3.6	U
Sodium	121000	J	91900		91250		91000		218000	J
Thallium	1.7	UJ	3.1	U	3.0	U	4.0	UJ	3.2	UJ
Vanadium	2.3	UJ	4.3	J	2.05		2.8		19.8	J
Zinc	6.3	UJ	50.2	U	84.65		9.7	UJ	16.4	UJ
Wet Chemistry Analysis										
Alkalinity		NA		NA	302.5			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110M-03		RM-SP-MW-110M-04		OU2-MW-110M-05-AVG		OU2-MW-110M-07		SP-MW-110S-01	
Sample Location	MW-110M		MW-110M		MW-110M		MW-110M		MW-110S	
Date Sampled	11/28/1994		3/27/1995		11/10/1997		1/13/2003		5/16/1994	
Interval	18.0-28.0		18.0-28.0		0.0-0.0		0.0-0.0		8.0-14.0	
QC Identifier	None		None		Field Duplicate 2		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA	172			NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA	0.10	U		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA	63.95			NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	UJ	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	0.9	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	10	U
1,2-Dibromoethane		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U	2	J	2	J	2	J		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA	100	UJ
2-Butanone	78		66		52	J	63	J	37	J
2-Hexanone	10	U	10	U	10	U	4	J	10	UJ
4-Methyl-2-Pentanone	10	U	10	U	10	U	3	J	2	J
Acetone	290	J	200	J	160		360	*	220	UJ
Benzene	10	U	2	J	3	J	3	J	3	J
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	45		65		10	U	74		53	
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	UJ	10	U	10	U	10	U	10	U
Chloroethane	10	UJ	10	U	10	U	10	UJ	10	U
Chloroform	10	UJ	10	U	10	U	10	U	10	U
Chloromethane	10	UJ	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	2	J
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane		NA		NA		NA		NA	10	UJ
Ethylbenzene	12		10		10		12		13	
Isopropylbenzene		NA		NA		NA		NA	10	U
Methyl Acetate		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA		NA	10	UJ
Methylene Chloride	10	U	10	U	10	U	10	UJ	10	UJ
Styrene	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Toluene	44		43		40		46		48	
Total Xylenes	56	J	43		47		54		60	
trans-1,2-Dichloroethene		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA		NA		NA		NA	10	U
Vinyl Chloride	4	J	5	J	3	J	4	J	4	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA		NA	100	U
1,2,4-Trichlorobenzene	10	U	250	U	100	U	100	U		NA
1,2-Dichlorobenzene	10	UJ	250	U	100	U	100	U		NA
1,3-Dichlorobenzene	10	UJ	250	U	100	U	100	U		NA
1,4-Dichlorobenzene	10	UJ	250	U	100	U	100	U		NA
2,2'-oxybis(1-Chloropropane)	31	J	250	U	100	U	100	U	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	UJ	620	U	250	U	250	U	250	U
2,4,6-Trichlorophenol	10	UJ	250	U	100	U	100	U	100	U
2,4-Dichlorophenol	10	U	250	U	100	U	100	U	100	U
2,4-Dimethylphenol	10	U	250	U	31	J	29	J	49	J
2,4-Dinitrophenol	25	UJ		R	250	UJ	250	U	250	UJ
2,4-Dinitrotoluene	10	UJ	250	U	100	U	100	U	100	U
2,6-Dinitrotoluene	10	UJ	250	U	100	U	100	U	100	U
2-Chloronaphthalene	10	UJ	250	U	100	U	100	U	100	U
2-Chlorophenol	10	UJ	250	U	100	U	100	U	100	U
2-Methylnaphthalene	10	U	250	U	100	U	100	U	100	U
2-Methylphenol	10	UJ	250	U	22	J	23	J	30	J
2-Nitroaniline	25	UJ	620	U	250	U	250	U	250	U
2-Nitrophenol	10	U	250	U	100	U	100	U	100	U
3,3'-Dichlorobenzidine	10	U	250	U	100	UJ	100	U	100	U
3-Nitroaniline	25	UJ	620	U	250	U	250	U	250	U
4,6-Dinitro-2-methylphenol	25	U	620	U	250	U	250	U	250	U
4-Bromophenyl-phenylether	10	U	250	U	100	U	100	U	100	U
4-Chloro-3-methylphenol	10	U	250	U	100	U	100	U	100	U
4-Chloroaniline	10	U	250	U	100	U	100	U	100	UJ
4-Chlorophenyl-phenylether	10	UJ	250	U	100	U	100	U	100	U
4-Methylphenol	1300	J	570		450		420		720	
4-Nitroaniline	25	UJ	620	U	250	U	250	U	250	UJ
4-Nitrophenol	25	UJ	620	U	250	U	250	U	250	UJ
Acenaphthene	10	UJ	250	U	100	U	100	U	100	U
Acenaphthylene	10	UJ	250	U	100	U	100	U	100	U
Acetophenone		NA		NA		NA		NA	100	U
Anthracene	10	U	250	U	100	U	100	U	100	U
Atrazine		NA		NA		NA		NA	100	U
Benzaldehyde		NA		NA		NA		NA	100	UJ
Benzo(a)anthracene	10	U	250	U	100	U	100	U	100	U
Benzo(a)pyrene	10	U	250	U	100	U	100	U	100	U
Benzo(b)fluoranthene	10	U	250	U	100	U	100	U	100	U
Benzo(g,h,i)perylene	10	U	250	U	100	U	100	U	100	U
Benzo(k)fluoranthene	10	U	250	U	100	U	100	U	100	U
Bis(2-Chloroethoxy)methane	10	U	250	U	100	U	100	U	100	U
Bis(2-Chloroethyl)ether	10	UJ	250	U	100	U	100	U	100	U
bis(2-Ethylhexyl)phthalate	10	U	250	U	100	U	100	U	100	U
Butylbenzylphthalate	10	U	250	U	100	U	100	U	100	U
Caprolactam		NA		NA		NA		NA	100	U
Carbazole	2	J	250	U	100	U	100	U	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	250	U	100	U	100	U	100	U
Dibenzo(a,h)anthracene	10	U	250	U	100	U	100	U	100	U
Dibenzofuran	10	UJ	250	U	100	U	100	U	100	U
Diethylphthalate	10	UJ	250	U	100	U	100	U	100	U
Dimethylphthalate	10	UJ	250	U	100	U	100	U	100	U
Di-n-Butylphthalate	10	U	250	U	100	U	100	U	100	U
Di-n-octylphthalate	10	U	250	U	100	U	100	U	100	U
Fluoranthene	10	U	250	U	100	U	100	U	100	U
Fluorene	10	UJ	250	U	100	U	100	U	100	U
Hexachlorobenzene	10	U	250	U	100	U	100	U	100	U
Hexachlorobutadiene	10	U	250	U	100	U	100	U	100	U
Hexachlorocyclopentadiene	10	UJ	250	U	100	U	100	U	100	U
Hexachloroethane	10	UJ	250	U	100	U	100	U	100	U
Indeno(1,2,3-cd)pyrene	10	U	250	U	100	U	100	U	100	U
Isophorone	10	U	250	U	100	U	100	U	100	U
Naphthalene	3	J	250	U	100	U	100	U	100	U
Nitrobenzene	10	U	250	U	100	U	100	U	100	U
N-Nitroso-di-n-propylamine	10	UJ	250	U	100	U	100	U	100	U
N-Nitroso-diphenylamine	10	U	250	U	100	U	100	U	100	U
Pentachlorophenol	25	U	620	U	250	U	250	U	250	U
Phenanthrene	10	U	250	U	100	U	100	U	100	U
Phenol	10000		12000		7300		5200	*	8300	*
Pyrene	10	U	250	U	100	U	100	U	100	UJ
Total PAH	3		250	U	100	U	100	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA		NA	1.2	
Benzo(a)anthracene		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.0078	J	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.0050	J	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	0.56	U	0.56	U	1.1	U		NA
Aroclor-1016	0.50	UJ	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1221	1.0	U	1.0	U	1.0	U	2.0	U	0.25	U
Aroclor-1232	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1242	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1248	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1254	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1260	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U
Aroclor-1262	0.50	U	0.50	U	0.50	U	1.0	U	0.28	U
Aroclor-1268	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.0080	J	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endosulfan I	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.0050	J	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.017	J	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.0050	J	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U
Methoxychlor	0.028	J	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA	5.6	J
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA	2.4	U
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA	0.80	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA	0.60	U
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA	1.8	UEMPC
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA	1.5	J
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA	1.3	U
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA	1.5	UEMPC
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA	2.0	U
1,2,3,7,8-PeCDD		NA		NA		NA		NA	0.60	U
1,2,3,7,8-PeCDF		NA		NA		NA		NA	1.8	U
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA	0.50	U
2,3,4,7,8-PeCDF		NA		NA		NA		NA	1.3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA	0.70	U
2,3,7,8-TCDF		NA		NA		NA		NA	0.50	U
OCDD		NA		NA		NA		NA	46.4	U
OCDF		NA		NA		NA		NA	4.0	EMPC
Total HpCDD		NA		NA		NA		NA	8.8	J
Total HpCDF		NA		NA		NA		NA	2.4	UJ
Total HxCDD		NA		NA		NA		NA	5.9	UEMPC
Total HxCDF		NA		NA		NA		NA	5.1	UEMPC
Total PeCDD		NA		NA		NA		NA	0.60	UJ
Total PeCDF		NA		NA		NA		NA	3.2	UJ
Total TCDD		NA		NA		NA		NA	1.6	EMPC
Total TCDF		NA		NA		NA		NA	0.50	UJ
Toxicity Equivalency		NA		NA		NA		NA	0.21	J
TAL Metal Analysis (UG/L)										
Aluminum	2330		2190	J	1830		1970		1680	J
Antimony	28.5	U		R	18.8	U	3.0	U	3.5	U
Arsenic	9.0	U	18.0	J	3.6		7.5			R
Barium	472	J	476	J	328	J	529		423	J
Beryllium	0.20	U	0.30	UJ	0.20	U	1.0	U	1.1	U
Cadmium	3.9	UJ	1.4	UJ	1.1	U	1.0	U	0.50	UJ
Calcium	567000		608000	J	464000		645000		419000	J
Chromium	4.1	U	1.7	UJ	5.7	UJ	1.0	U	0.50	U
Cobalt	4.1	U	4.4	UJ	2.4	U		R	2.5	UJ
Copper		R	10.5	UJ	3.9	UJ	4.5		7.7	J
Cyanide		NA		NA		NA		NA		NA
Iron	106	U	58.7	UJ	36.0	U	37.5	U	31.5	U
Lead	10.0	UJ		R		R	1.0	U	1.5	U
Magnesium	86.9		119	UJ	149	U	33.2	UJ	509	
Manganese	1.5	UJ	1.4	UJ	2.4	U	1.0	U	2.0	J
Mercury	0.27	J	1.6	J	0.61		0.15	J	0.11	J
Nickel	117	J	124	J	88.1		102	J	74.6	J
Potassium	38900		37000	J	31900		38800	J	39700	J
Selenium	7.0	U	3.8	J	2.9	J	3.0	U	3.6	UJ
Silver	2.6	U	2.4	UJ	1.8	U	1.0	U		R
Sodium	210000		219000	J	204000	J	211000		205000	
Thallium	9.0	U	1.7	UJ	3.1	U	3.0	UJ	4.0	UJ
Vanadium	24.5	J	20.5	J	19.2	J	18.1	J	12.5	J
Zinc	9.1	U	13.5	UJ	2.1	U	23.4	UJ	20.0	UJ
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA	1780			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-110S-02		RM-SP-MW-110S-03		RM-SP-MW-110S-04		OU2-MW-110S-05		OU2-MW-110S-07	
Sample Location	MW-110S		MW-110S		MW-110S		MW-110S		MW-110S	
Date Sampled	8/26/1994		11/28/1994		3/27/1995		11/10/1997		1/13/2003	
Interval	8.0-14.0		8.0-14.0		8.0-14.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA		NA
Chloride		NA		NA		NA	410			NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA	0.10	U		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA	5.1			NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA	6700		4600
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA	100	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA	100	U	16
1,1-Dichloroethane		NA		NA		NA		NA	430		450
1,1-Dichloroethene		NA		NA		NA		NA	3400		2800
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA	14	J	11
1,2-Dichloroethene (total)		NA		NA		NA		NA	2300		2200
1,2-Dichloropropane		NA		NA		NA		NA	100	U	10
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dioxane		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA	100	U	10
2-Hexanone		NA		NA		NA		NA	100	U	10
4-Methyl-2-Pentanone		NA		NA		NA		NA	100	U	10
Acetone		NA		NA		NA		NA	100	U	10
Benzene		NA		NA		NA		NA	100	U	6
Bromodichloromethane		NA		NA		NA		NA	100	U	10
Bromoform		NA		NA		NA		NA	100	U	10
Bromomethane		NA		NA		NA		NA	100	U	10
Carbon Disulfide		NA		NA		NA		NA	100	U	10
Carbon Tetrachloride		NA		NA		NA		NA	100	U	10
Chlorobenzene		NA		NA		NA		NA	73	J	69
Chloroethane		NA		NA		NA		NA	22	J	76
Chloroform		NA		NA		NA		NA	13	J	10
Chloromethane		NA		NA		NA		NA	100	UJ	10
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA	100	U	10
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA	100	U	10
Dichlorodifluoromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA	100	U	10
Isopropylbenzene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA	100	U	11
Styrene		NA		NA		NA		NA	100	U	10
Tetrachloroethene		NA		NA		NA		NA	100	U	6
Toluene		NA		NA		NA		NA	100	U	10
Total Xylenes		NA		NA		NA		NA	100	U	5
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA	100	U	10
Trichloroethene		NA		NA		NA		NA	1300		1500
Trichlorofluoromethane		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA	98	J	110
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	1	U	10	U	25		32			NA	
1,1-Dichloroethane	1	U	45		81		10	U		NA	
1,1-Dichloroethene	1	U	10	U	16		10	U		NA	
1,2-Dichloroethane	1	U	10	U	10	U	10	U		NA	
Benzene	1	U	10	U	10	U	10	U		NA	
Chlorobenzene	2.5		10	U	51		10	U		NA	
cis-1,2-Dichloroethene	1	U	35		66		10	U		NA	
Ethylbenzene	1	U	10	U	10	U	10	U		NA	
m&p-Xylene	1.1		10	U	10	U	11			NA	
o-Xylene	1	U	10	U	10	U	10	U		NA	
Tetrachloroethene	1	U	10	U	10	U	10	U		NA	
Toluene	1	U	10	U	10	U	10	U		NA	
trans-1,2-Dichloroethene	1	U	10	U	10	U	10	U		NA	
Trichloroethene	1	U	32		10	U	10	U		NA	
Vinyl Chloride	1	U	10	U	12		10	U		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U	10
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U	10
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U	10
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U	10
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	2
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10
2-Chlorophenol		NA		NA		NA		NA	10	U	10
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10
2-Methylphenol		NA		NA		NA		NA	10	U	10
2-Nitroaniline		NA		NA		NA		NA	25	U	25
2-Nitrophenol		NA		NA		NA		NA	10	U	10
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10
3-Nitroaniline		NA		NA		NA		NA	25	U	25
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10
4-Chloroaniline		NA		NA		NA		NA	10	U	10
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10
4-Methylphenol		NA		NA		NA		NA	10	U	10
4-Nitroaniline		NA		NA		NA		NA	25	U	25
4-Nitrophenol		NA		NA		NA		NA	31		45
Acenaphthene		NA		NA		NA		NA	10	U	10
Acenaphthylene		NA		NA		NA		NA	10	U	10
Acetophenone		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA	10	U	10
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA	10	U	10

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chrysene		NA		NA		NA		NA	10	U	10
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10
Dibenzofuran		NA		NA		NA		NA	10	U	10
Diethylphthalate		NA		NA		NA		NA	10	U	2
Dimethylphthalate		NA		NA		NA		NA	10	U	10
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	11
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10
Fluoranthene		NA		NA		NA		NA	10	U	10
Fluorene		NA		NA		NA		NA	10	U	10
Hexachlorobenzene		NA		NA		NA		NA	10	U	10
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U	10
Hexachloroethane		NA		NA		NA		NA	10	U	10
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10
Isophorone		NA		NA		NA		NA	10	U	10
Naphthalene		NA		NA		NA		NA	2	J	2
Nitrobenzene		NA		NA		NA		NA	10	U	10
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10
Pentachlorophenol		NA		NA		NA		NA	25	U	25
Phenanthrene		NA		NA		NA		NA	10	U	10
Phenol		NA		NA		NA		NA	10	U	10
Pyrene		NA		NA		NA		NA	10	UJ	10
Total PAH		NA		NA		NA		NA	2		2
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10
4,4'-DDE		NA		NA		NA		NA	0.10	U	0.10
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.10
Aldrin		NA		NA		NA		NA	0.050	U	0.050
alpha-BHC		NA		NA		NA		NA	0.050	U	0.050

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Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.050
Aroclor, Total		NA		NA		NA		NA	1.1	U	0.56
Aroclor-1016		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1221		NA		NA		NA		NA	2.0	U	1.0
Aroclor-1232		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1242		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1248		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1254		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1260		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1262		NA		NA		NA		NA	1.0	U	0.50
Aroclor-1268		NA		NA		NA		NA	1.0	U	0.50
beta-BHC		NA		NA		NA		NA	0.050	U	0.050
delta-BHC		NA		NA		NA		NA	0.050	U	0.0040
Dieldrin		NA		NA		NA		NA	0.10	U	0.10
Endosulfan I		NA		NA		NA		NA	0.050	U	0.050
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10
Endrin		NA		NA		NA		NA	0.10	U	0.10
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10
gamma-BHC		NA		NA		NA		NA	0.050	U	0.050
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050
Heptachlor		NA		NA		NA		NA	0.050	U	0.050
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.050
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50
Toxaphene		NA		NA		NA		NA	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	

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Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,3,7,8-TCDD		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum		NA		NA		NA		NA	48200	J	50500
Antimony		NA		NA		NA		NA	10.8	UJ	28.5
Arsenic		NA		NA		NA		NA	210	J	1.6
Barium		NA		NA		NA		NA	64.6	J	34.1
Beryllium		NA		NA		NA		NA	14.3	J	14.4
Cadmium		NA		NA		NA		NA	14.6	J	14.1
Calcium		NA		NA		NA		NA	313000	J	362000
Chromium		NA		NA		NA		NA	38.8	J	
Cobalt		NA		NA		NA		NA	2460	J	3100
Copper		NA		NA		NA		NA	3.1	UJ	
Cyanide		NA		NA		NA		NA		NA	
Iron		NA		NA		NA		NA	217000	J	261000
Lead		NA		NA		NA		NA	1.5	UJ	5.1
Magnesium		NA		NA		NA		NA	170000	J	200000
Manganese		NA		NA		NA		NA	127000	J	167000
Mercury		NA		NA		NA		NA	0.20	UJ	0.20
Nickel		NA		NA		NA		NA	1650	J	1890
Potassium		NA		NA		NA		NA	21600	J	25600
Selenium		NA		NA		NA		NA	1040	J	10.0
Silver		NA		NA		NA		NA		R	
Sodium		NA		NA		NA		NA	114000	J	143000
Thallium		NA		NA		NA		NA	21.2	J	9.0
Vanadium		NA		NA		NA		NA		R	3.5
Zinc		NA		NA		NA		NA	3030	J	3470
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	

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Sample Number	OU2-DP1-11-2227		OU2-DP1-11-3439		OU2-DP1-11-4550		OU2-DP1-11-5358		SP-MW-111D-01		RM-SP-MW-111D-02
Sample Location	DP1-11		DP1-11		DP1-11		DP1-11		MW-111D		MW-111D
Date Sampled	7/29/1997		7/29/1997		7/29/1997		7/30/1997		5/18/1994		8/23/1994
Interval	22.0-27.0		34.0-39.0		45.0-50.0		53.0-58.0		79.3-89.3		79.3-89.3
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Ferrous Iron		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		5000		4600		4600	*	6500	*	1700	
1,1,2,2-Tetrachloroethane	U	10	U	310	U	10	U	10	U	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA	10	U		NA
1,1,2-Trichloroethane		14		310	U	16		23		100	U
1,1-Dichloroethane	J	520		410		350	*	350	*	820	
1,1-Dichloroethene		3100		2800		3600	*	6200	*	1400	
1,2,4-Trichlorobenzene	NA		NA		NA		NA	10	U		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA	10	U		NA
1,2-Dibromoethane	NA		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene	NA		NA		NA		NA	10	U		NA
1,2-Dichloroethane		12		310	U	14		13		13	J
1,2-Dichloroethene (total)		2400		2400		2000	*		NA	2400	
1,2-Dichloropropane	U	10	U	310	U	10	U	10	U	100	U
1,3-Dichlorobenzene	NA		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene	NA		NA		NA		NA	10	U		NA
1,4-Dioxane	NA		NA		NA		NA	480	J		NA
2-Butanone	U	10	U	310	U	10	U	10	U	100	U
2-Hexanone	U	10	U	310	U	10	UJ	10	U	100	U
4-Methyl-2-Pentanone	U	10	U	310	U	10	UJ	10	U	100	U
Acetone	U	10	U	310	UJ	10	U	10	UJ	100	U
Benzene	J	6	J	310	U	6	J	3	J	30	J
Bromodichloromethane	U	10	U	310	U	10	U	10	U	100	U
Bromoform	U	10	U	310	U	10	U	10	U	100	U
Bromomethane	U	10	U	310	U	10	U	10	U	100	U
Carbon Disulfide	U	10	U	310	U	10	U	10	U	100	U
Carbon Tetrachloride	U	10	U	310	U	10	U	10	U	100	U
Chlorobenzene	J	78		80	J	100		36		37	J
Chloroethane	J	12		310	U	10	J	10	U	59	J
Chloroform	J	9	J	310	U	12	U	13		100	U
Chloromethane	UJ	10	U	310	U	10	U	10	U	100	UJ
cis-1,2-Dichloroethene	NA		NA		NA		NA	1000	*		NA
cis-1,3-Dichloropropene	U	10	U	310	U	10	U	10	U	100	U
Cyclohexane	NA		NA		NA		NA	10	U		NA
Dibromochloromethane	U	10	U	310	U	10	U	10	U	100	U
Dichlorodifluoromethane	NA		NA		NA		NA	10	U		NA
Ethylbenzene	U	10	U	310	U	10	U	10	U	100	U
Isopropylbenzene	NA		NA		NA		NA	10	U		NA
Methyl Acetate	NA		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether	NA		NA		NA		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	NA		NA		NA		NA	10	U		NA
Methylene Chloride	U	10	U	310	U	11	U	10	U	100	U
Styrene	U	10	U	310	U	10	U	10	U	100	U
Tetrachloroethene	J	6	J	310	U	7	J	8	J	100	U
Toluene	U	1	J	310	U	2	J	10	U	100	U
Total Xylenes	J	4	J	310	U	2	J	10	U	100	U
trans-1,2-Dichloroethene	NA		NA		NA		NA	10	U		NA
trans-1,3-Dichloropropene	U	10	U	310	U	10	U	10	U	100	U
Trichloroethene		1400		1400		1300	*	1200	*	400	
Trichlorofluoromethane	NA		NA		NA		NA	10	U		NA
Vinyl Chloride		100		310	U	180		68		110	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA	10.0	U		NA
Ethene	NA		NA		NA		NA	10.0	U		NA
Methane	NA		NA		NA		NA	250			NA
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,2-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,3-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,4-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	J	10	U	1	J	10	U	1	J	10	U
2,4-Dinitrophenol	U		R	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	UJ	25	U	25	U
2-Nitrophenol	U	10	U	10	U	1	J	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	UJ	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	U	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol		36		25		25	UJ	41		25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	NA		NA		NA		NA	10	U		NA
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	NA		NA		NA		NA	10	U		NA
Benzaldehyde	NA		NA		NA		NA	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	U	10	UJ	10	U	10	U
Caprolactam	NA		NA		NA		NA	10	U		NA
Carbazole	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	U	10	U	10	U	10	UJ	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	J	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	1	J	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	UJ	10	U
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	U		R	10	U	10	U
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	J	1	J	1	J	1	J	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	U	10	U	10	UJ	10	U	10	U	10	U
Pentachlorophenol	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	10	U	10	U	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	U	10	UJ
Total PAH		1		1		1			NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene	NA		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene	NA		NA		NA		NA	0.20	U		NA
Benzo(b)fluoranthene	NA		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene	NA		NA		NA		NA	0.20	U		NA
Chrysene	NA		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	0.20	U		NA
Phenanthrene	NA		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.0030	J	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	U	0.0030	J	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	U	0.56	U	0.56	U	1.1	U		NA	1.1	U
Aroclor-1016	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	1.0	U	1.0	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	U	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	U	0.50	U	0.50	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	J	0.014	J	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endosulfan I	U	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.10	UJ	0.10	U		R	0.10	U	0.10	U
Endosulfan Sulfate	U	0.0030	J	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	U	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA	1.5	UJ		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA	0.80	UJ		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA	1.1	UJ		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA	0.90	UJ		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA	0.82	UEMPC		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA	0.90	UJ		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA	0.60	UJ		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA	0.90	UJ		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA	0.90	UJ		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA	1.3	UJ		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA	0.70	UJ		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA	0.70	UJ		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA	0.70	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD	NA		NA		NA		NA	0.90	UJ		NA
2,3,7,8-TCDF	NA		NA		NA		NA	0.60	UJ		NA
OCDD	NA		NA		NA		NA	8.4	UJ		NA
OCDF	NA		NA		NA		NA	1.6	UJ		NA
Total HpCDD	NA		NA		NA		NA	1.5	UJ		NA
Total HpCDF	NA		NA		NA		NA	1.0	UJ		NA
Total HxCDD	NA		NA		NA		NA	6.8	UEMPC		NA
Total HxCDF	NA		NA		NA		NA	1.6	UEMPC		NA
Total PeCDD	NA		NA		NA		NA	5.6	UEMPC		NA
Total PeCDF	NA		NA		NA		NA	0.70	UJ		NA
Total TCDD	NA		NA		NA		NA	1.7	UEMPC		NA
Total TCDF	NA		NA		NA		NA	0.60	UJ		NA
Toxicity Equivalency	NA		NA		NA		NA	0.00	UJ		NA
TAL Metal Analysis (UG/L)											
Aluminum		50300		55900		75200		28100	J	49.1	UJ
Antimony	U	11.2	U	18.8	U	3.0	U	2.3	UJ	11.4	UJ
Arsenic	J	214		132		153		31.7	J	7.5	J
Barium	J	27.8	J		R	8.9		3.9	UJ	31.8	J
Beryllium		14.9		17.3		26.0		9.4	J	0.80	UJ
Cadmium	J	8.6	U	13.5		35.2	J	12.4	J	1.0	UJ
Calcium		394000		369000		361000		152000	J	96700	J
Chromium	R	5.5	UJ	21.0	J	30.0	J	4.6	J	4.4	UJ
Cobalt		3090		2830		2450		990	J	2.3	UJ
Copper	R	2.1	UJ	3.9	UJ	2.0	U	0.60	U	3.1	UJ
Cyanide	NA		NA		NA		NA		NA		NA
Iron		288000		257000		213000		103000	J	12800	J
Lead	J	12.0	UJ	13.6	J	7.6	U	2.8	J	1.5	UJ
Magnesium		210000		214000		193000		95500	J	91700	J
Manganese		168000		156000		125000		138000		11000	J
Mercury	U	0.20	U	0.20	U	0.16	J	0.10	U	0.20	UJ
Nickel		1930		1800		1770		669	J	4.5	UJ
Potassium		25900		24100		21600	J	7660	J	14100	J
Selenium	U	12.5	UJ	5.1	J	61.1		4.8	U	2.1	UJ
Silver	R	2.4	UJ	1.8	U	1.0	U	0.60	UJ		R
Sodium		160000		126000	J	111000		48800	J	145000	J
Thallium	U	15.6	J	3.1	U	3.0	UJ	4.7	U	2.2	UJ
Vanadium	U		R	2.9	UJ	1.0	UJ	0.50	U	3.5	J
Zinc		3240		3190		3210	J	1260	J	63.8	J
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA	2.0	U	2.0	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111D-03		RM-SP-MW-111D-04		OU2-MW-111D-05		OU2-MW-111D-07		SP-MW-111M-01	
Sample Location		MW-111D		MW-111D		MW-111D		MW-111D		MW-111M	
Date Sampled		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994	
Interval		79.3-89.3		79.3-89.3		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide	NA		NA		NA		NA	2.0	UJ		NA
Chloride	NA		NA		NA	194		210			NA
Ferrous Iron	NA		NA		NA		NA	235.2			NA
Nitrate	NA		NA		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)	NA		NA		NA	0.10	U		NA		NA
Nitrite-N	NA		NA		NA		NA	0.050	UJ		NA
Sulfate	NA		NA		NA	3020		3280			NA
Sulfide	NA		NA		NA		NA	1.4	J		NA
Total Organic Carbon	NA		NA		NA		NA	20.98			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	1300		1400		2000		1100	*	1300	*J	10
1,1,2,2-Tetrachloroethane	10	U	10	U	155	U	10	U	10	UJ	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA	10	UJ	
1,1,2-Trichloroethane	7	J	6		155	U	7	J	5	J	10
1,1-Dichloroethane	620	J	745		785		550	*	370	J	10
1,1-Dichloroethene	1100		1250		2200		1400	*	1500	*J	10
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	UJ	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA	10	UJ	
1,2-Dibromoethane		NA		NA		NA		NA	10	UJ	
1,2-Dichlorobenzene		NA		NA		NA		NA	10	UJ	
1,2-Dichloroethane	9	J	10		155	U	8	J	5	J	10
1,2-Dichloroethene (total)	2200		2100		2050		1800	*		NA	10
1,2-Dichloropropane	10	U	10	U	155	U	10	U	10	UJ	10
1,3-Dichlorobenzene		NA		NA		NA		NA	10	UJ	
1,4-Dichlorobenzene		NA		NA		NA		NA	10	UJ	
1,4-Dioxane		NA		NA		NA		NA	670	J	
2-Butanone	10	U	10	U	155	U	10	U	10	UJ	8
2-Hexanone	10	U	10	U	155	U	10	UJ	10	UJ	10
4-Methyl-2-Pentanone	10	U	10	U	155	U	10	UJ	10	UJ	10
Acetone	10	U	10	U	155	U	10	U	10	UJ	10
Benzene	26		23.5		20		18		9	J	10
Bromodichloromethane	10	U	10	U	155	U	10	U	10	UJ	10
Bromoform	10	U	10	U	155	U	10	U	10	UJ	10
Bromomethane	10	U	10	U	155	U	10	U	10	UJ	10
Carbon Disulfide	10	U	10	U	155	U	10	U	10	UJ	10
Carbon Tetrachloride	10	U	10	U	155	U	10	U	10	UJ	10
Chlorobenzene	35	J	29		24		28		19	J	10
Chloroethane	140	J	22		155	U	15	J	10	UJ	10
Chloroform	10	UJ	3		155	U	10	U	3	J	13
Chloromethane	10	UJ	10	U	155	U	10	U	10	UJ	10
cis-1,2-Dichloroethene		NA		NA		NA		NA	1000	*J	
cis-1,3-Dichloropropene	10	U	10	U	155	U	10	U	10	UJ	10
Cyclohexane		NA		NA		NA		NA	10	UJ	
Dibromochloromethane	10	U	10	U	155	U	10	U	10	UJ	10
Dichlorodifluoromethane		NA		NA		NA		NA	10	UJ	
Ethylbenzene	10	U	10	U	155	U	10	U	10	UJ	10
Isopropylbenzene		NA		NA		NA		NA	10	UJ	
Methyl Acetate		NA		NA		NA		NA	10	UJ	
Methyl tert-Butyl Ether		NA		NA		NA		NA	25	J	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane		NA		NA		NA		NA	10	UJ	
Methylene Chloride	10	U	10	U	155	U	10	U	10	UJ	10
Styrene	10	U	10	U	155	U	10	U	10	UJ	10
Tetrachloroethene	10	U	2		155	U	2	J	4	J	10
Toluene	10	U	10	U	155	U	10	U	10	UJ	10
Total Xylenes	10	UJ	10	U	155	U	10	U	10	UJ	10
trans-1,2-Dichloroethene		NA		NA		NA		NA	10	UJ	
trans-1,3-Dichloropropene	10	U	10	U	155	U	10	U	10	UJ	10
Trichloroethene	120		195		435		150		540	*J	1
Trichlorofluoromethane		NA		NA		NA		NA	10	UJ	
Vinyl Chloride	120		104.5		79.5		79		68	J	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA	10.0	U	
Ethene		NA		NA		NA		NA	10.0	U	
Methane		NA		NA		NA		NA	140		
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA	10	U	
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	25	U	25	U	25	U	25	UJ	25	U	25
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	10	U	10	U	10	U	10	U	10	UJ	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4-Nitrophenol	25	U	25	U	25	U	25	UJ	25	U	25
Acenaphthene	10	U	10	U	10	U	10	U	10	U	2
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	1
Acetophenone		NA		NA		NA		NA	10	U	
Anthracene	10	U	10	U	10	U	10	U	10	U	10
Atrazine		NA		NA		NA		NA	10	U	
Benzaldehyde		NA		NA		NA		NA	10	UJ	
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	UJ	10
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U	10	UJ	10	U	10
Caprolactam		NA		NA		NA		NA	10	U	
Carbazole	10	U	10	U	10	U	10	U	10	U	4

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chrysene	10	U	10	U	10	U	10	UJ	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10
Dibenzofuran	10	U	3		10	U	10	U	10	U	2
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ	10
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Fluorene	10	U	10	U	10	U	10	U	10	U	2
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	10	U	10	U	10	U		R	10	U	10
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10
Isophorone	10	U	10	U	10	U	10	U	10	U	10
Naphthalene	1	J	1		10	U	10	U	10	U	10
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	UJ	10	U	10
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25
Phenanthrene	10	U	1		10	U	10	U	10	U	10
Phenol	10	U	10	U	10	U	10	U	10	U	10
Pyrene	10	U	10	U	10	U	10	U	10	U	10
Total PAH	1		2		10	U	10	U		NA	5
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA	0.20	U	
Benzo(a)anthracene		NA		NA		NA		NA	0.20	U	
Benzo(a)pyrene		NA		NA		NA		NA	0.20	U	
Benzo(b)fluoranthene		NA		NA		NA		NA	0.20	U	
Benzo(k)fluoranthene		NA		NA		NA		NA	0.20	U	
Chrysene		NA		NA		NA		NA	0.20	U	
Dibenzo(a,h)anthracene		NA		NA		NA		NA	0.20	U	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	0.20	U	
Phenanthrene		NA		NA		NA		NA	0.41		
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
Aroclor, Total	0.56	U	0.56	U	0.56	U	1.1	U		NA	1.1
Aroclor-1016	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1221	1.0	U	1.0	U	1.0	U	2.0	U	0.25	U	2.0
Aroclor-1232	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1242	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1248	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0
Aroclor-1254	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U	1.0
Aroclor-1260	0.50	U	0.50	U	0.50	U	1.0	U	0.25	U	1.0
Aroclor-1262	0.50	U	0.50	U	0.50	U	1.0	U	0.28	U	1.0
Aroclor-1268	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
Dieldrin	0.10	U	0.0030		0.10	U	0.10	U	0.050	U	0.10
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U		R	0.10	U	0.10
Endosulfan Sulfate	0.10	U	0.0025		0.10	U	0.10	U	0.10	U	0.10
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.050	U	0.10
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050
gamma-Chlordane	0.050	U	0.0040		0.01305		0.050	U	0.050	U	0.050
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U	0.020	U	0.050
Heptachlor Epoxide	0.050	U	0.050	U	0.01275		0.050	U	0.020	U	0.050
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA	1.6	J	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA	1.5	UJ	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA	1.7	UJ	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA	1.4	J	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA	2.3	UJ	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA	1.4	UJ	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA	1.5	UJ	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA	2.5	J	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA	1.7	UJ	
1,2,3,7,8-PeCDD		NA		NA		NA		NA	1.3	UJ	
1,2,3,7,8-PeCDF		NA		NA		NA		NA	2.5	UJ	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA	1.5	UJ	
2,3,4,7,8-PeCDF		NA		NA		NA		NA	2.0	UEMPC	

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Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,3,7,8-TCDD		NA		NA		NA		NA	1.0	UJ	
2,3,7,8-TCDF		NA		NA		NA		NA	0.60	UJ	
OCDD		NA		NA		NA		NA	9.0	UJ	
OCDF		NA		NA		NA		NA	4.1	UJ	
Total HpCDD		NA		NA		NA		NA	1.6	J	
Total HpCDF		NA		NA		NA		NA	3.2	UJ	
Total HxCDD		NA		NA		NA		NA	11.1	UEMPC	
Total HxCDF		NA		NA		NA		NA	7.0	UJ	
Total PeCDD		NA		NA		NA		NA	6.0	UEMPC	
Total PeCDF		NA		NA		NA		NA	4.4	UEMPC	
Total TCDD		NA		NA		NA		NA	2.7	UEMPC	
Total TCDF		NA		NA		NA		NA	0.60	UJ	
Toxicity Equivalency		NA		NA		NA		NA	0.41	J	
TAL Metal Analysis (UG/L)											
Aluminum	60.0	UJ	88.8	U	80.55	U	17.0	U	67.6	U	247
Antimony	28.5	U	11.2	U	18.8	U	3.0	U	2.3	U	10.8
Arsenic	5.7		7.25	U	6.25		8.6		5.0	J	7.9
Barium	27.2		27.7		19.15		22.3		28.8		61.5
Beryllium	0.34	U	0.31	U	0.20	U	1.0	U	0.10	U	0.80
Cadmium	3.9	UJ	1.4	U	1.1	U	1.0	U	0.30	U	1.0
Calcium	109000		102500		81850		88500		100000		38800
Chromium	2.8	UJ	4.6	U	5.7	U	5.3		1.8		4.4
Cobalt	4.1	U	2.75	U	2.4	U	1.3	UJ	1.0	U	2.3
Copper	3.0	U	3.4	U	3.9	U	2.0	U	0.60	U	4.4
Cyanide		NA		NA		NA		NA		NA	
Iron	9770		9280		6735		7680		7610		8750
Lead	1.8	J	1.05	U	0.695	U	1.0	U	2.2	UJ	3.7
Magnesium	98100		96650		73350		75300		82400		5410
Manganese	12200		11000		11800		14100		20600		1000
Mercury	0.20	U	0.195		0.20	U	0.10	U	0.10	U	0.20
Nickel	13.3	U	7.85	U	3.9		6.4		5.1		4.5
Potassium	14500		15850		12250		14200		16300		5180
Selenium	1.0	UJ	2.5	U	2.8	U	5.2	J	4.8	U	2.1
Silver	5.5	J	2.4	U	2.05		1.0	U	2.1		
Sodium	147000		145500		130500		136000		219000		21400
Thallium	0.90	U	1.7	U	4.65		3.0	U	4.7	U	2.2
Vanadium	3.5	U	2.3	U	2.9	U	1.5	J	0.50	U	2.6
Zinc	11.4	U	380		78.525		63.7	J	1.7	J	10.5
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA	166		174	J	

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Sample Number	RM-SP-MW-111M-02		RM-SP-MW-111M-03-AVG		RM-SP-MW-111M-04-AVG		OU2-MW-111M-05		OU2-MW-111M-07		SP-MW-111S-01
Sample Location	MW-111M		MW-111M		MW-111M		MW-111M		MW-111M		MW-111S
Date Sampled	8/23/1994		11/30/1994		3/28/1995		11/11/1997		1/8/2003		5/18/1994
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0		0.0-0.0		6.0-10.0
QC Identifier	None		Field Duplicate 1011		Field Duplicate 1012		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Dioxide		NA		NA		NA		NA	240	J	
Chloride		NA		NA		NA	256		332		
Ferrous Iron		NA		NA		NA		NA	4.4		
Nitrate		NA		NA		NA		NA	0.050	U	
Nitrate-Nitrite (as N)		NA		NA		NA	0.10	U		NA	
Nitrite-N		NA		NA		NA		NA	0.050	UJ	
Sulfate		NA		NA		NA	377		380		
Sulfide		NA		NA		NA		NA	0.50	UJ	
Total Organic Carbon		NA		NA		NA		NA	8.5		

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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	U	10	U	10	U	10	U		NA		NA	10
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U		NA		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA	10
1,1,2-Trichloroethane	U	10	U	10	U	10	U		NA		NA	10
1,1-Dichloroethane	U	10	UJ	10	U	10	U		NA		NA	10
1,1-Dichloroethene	U	10	U	10	U	10	U		NA		NA	0.9
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	10
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	10
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,2-Dichloroethane	U	10	U	10	U	10	U		NA		NA	10
1,2-Dichloroethene (total)	U	10	U	10	U	10	U		NA		NA	
1,2-Dichloropropane	U	10	U	10	U	10	U		NA		NA	10
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	10
1,4-Dioxane	NA		NA		NA		NA		NA		NA	100
2-Butanone	J	10	U	10	U	10	U		NA		NA	10
2-Hexanone	U	10	U	10	U	10	U		NA		NA	10
4-Methyl-2-Pentanone	U	10	U	10	U	10	U		NA		NA	10
Acetone	U	10	U	10	U	10	U		NA		NA	7
Benzene	U	10	U	10	U	10	U		NA		NA	10
Bromodichloromethane	U	10	U	10	U	10	U		NA		NA	10
Bromoform	U	10	U	10	U	10	U		NA		NA	10
Bromomethane	U	10	U	10	U	10	U		NA		NA	10
Carbon Disulfide	U	10	U	10	U	10	U		NA		NA	10
Carbon Tetrachloride	U	10	U	10	U	10	U		NA		NA	10
Chlorobenzene	U	10	UJ	10	U	10	U		NA		NA	10
Chloroethane	U	10	UJ	10	U	10	U		NA		NA	10
Chloroform		10	UJ	10	U	10	U		NA		NA	10
Chloromethane	UJ	10	UJ	10	U	10	U		NA		NA	10
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	10
cis-1,3-Dichloropropene	U	10	U	10	U	10	U		NA		NA	10
Cyclohexane	NA		NA		NA		NA		NA		NA	10
Dibromochloromethane	U	10	U	10	U	10	U		NA		NA	10
Dichlorodifluoromethane	NA		NA		NA		NA		NA		NA	10
Ethylbenzene	U	10	U	10	U	10	U		NA		NA	10
Isopropylbenzene	NA		NA		NA		NA		NA		NA	10
Methyl Acetate	NA		NA		NA		NA		NA		NA	10
Methyl tert-Butyl Ether	NA		NA		NA		NA		NA		NA	10

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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane	NA		NA		NA		NA		NA		NA	10
Methylene Chloride	U	10	U	10	U	10	U		NA		NA	10
Styrene	U	10	U	10	U	10	U		NA		NA	10
Tetrachloroethene	U	10	U	10	U	10	U		NA		NA	10
Toluene	U	10	U	10	U	10	U		NA		NA	10
Total Xylenes	U	10	UJ	10	U	10	U		NA		NA	10
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	10
trans-1,3-Dichloropropene	U	10	U	10	U	10	U		NA		NA	10
Trichloroethene	J	10	U	10	U	10	U		NA		NA	10
Trichlorofluoromethane	NA		NA		NA		NA		NA		NA	10
Vinyl Chloride	U	10	U	10	U	10	U		NA		NA	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	NA		NA		NA		NA		NA		NA	10.0
Ethene	NA		NA		NA		NA		NA		NA	10.0
Methane	NA		NA		NA		NA		NA		NA	420
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA	1	U		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA	1	U		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA	1	U		NA	
1,1-Dichloroethane	NA		NA		NA		NA	1	U		NA	
1,1-Dichloroethene	NA		NA		NA		NA	1	U		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA	1	UJ		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		R		NA	
1,2-Dibromoethane	NA		NA		NA		NA	1	U		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA	1	U		NA	
1,2-Dichloroethane	NA		NA		NA		NA	1	U		NA	
1,2-Dichloropropane	NA		NA		NA		NA	1	U		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA	1	U		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA	1	U		NA	
2-Butanone	NA		NA		NA		NA	5	U		NA	
2-Hexanone	NA		NA		NA		NA	5	U		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA	5	U		NA	
Acetone	NA		NA		NA		NA	5	UJ		NA	
Benzene	NA		NA		NA		NA	1	U		NA	
Bromochloromethane	NA		NA		NA		NA	1	U		NA	
Bromodichloromethane	NA		NA		NA		NA	1	U		NA	
Bromoform	NA		NA		NA		NA	1	U		NA	
Bromomethane	NA		NA		NA		NA	1	U		NA	
Carbon Disulfide	NA		NA		NA		NA	1	U		NA	
Carbon Tetrachloride	NA		NA		NA		NA	1	UJ		NA	

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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chlorobenzene	NA		NA		NA		NA	1	U		NA	
Chloroethane	NA		NA		NA		NA	1	U		NA	
Chloroform	NA		NA		NA		NA	1	U		NA	
Chloromethane	NA		NA		NA		NA	1	U		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA	1	U		NA	
cis-1,3-Dichloropropene	NA		NA		NA		NA	1	U		NA	
Dibromochloromethane	NA		NA		NA		NA	1	U		NA	
Ethylbenzene	NA		NA		NA		NA	1	U		NA	
Methylene Chloride	NA		NA		NA		NA	2	U		NA	
Styrene	NA		NA		NA		NA	1	U		NA	
Tetrachloroethene	NA		NA		NA		NA	1	U		NA	
Toluene	NA		NA		NA		NA	1	U		NA	
Total Xylenes	NA		NA		NA		NA	1	U		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA	1	U		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA	1	U		NA	
Trichloroethene	NA		NA		NA		NA	1	U		NA	
Vinyl Chloride	NA		NA		NA		NA	1	U		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA	0.5	U	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA	0.5	U	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA	0.5	U	
Chlorobenzene	NA		NA		NA		NA		NA	5	U	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA	1	U	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA	0.5	U	
Toluene	NA		NA		NA		NA		NA	1	U	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA	0.5	U	
Vinyl Chloride	NA		NA		NA		NA		NA	0.1	U	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA	10
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U		NA	
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA	
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA	
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA	
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U		NA	25
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U		NA	10
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U		NA	10
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U		NA	10
2,4-Dinitrophenol	U	25	U		R	25	UJ	25	U		NA	25
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA	10
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA	10
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U		NA	10
2-Chlorophenol	U	10	U	10	U	10	U	10	U		NA	10
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U		NA	10
2-Methylphenol	U	10	U	10	U	10	U	10	U		NA	10
2-Nitroaniline	U	25	U	25	U	25	U	25	U		NA	25
2-Nitrophenol	U	10	U	10	U	10	U	10	U		NA	10
3,3'-Dichlorobenzidine	U	10	U	10	U	10	UJ	10	U		NA	10
3-Nitroaniline	U	25	UJ	25	U	25	U	25	U		NA	25
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U		NA	25
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA	10
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U		NA	10
4-Chloroaniline	U	10	U	10	U	10	UJ	10	U		NA	10
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA	10
4-Methylphenol	U	10	U	10	U	10	U	10	U		NA	10
4-Nitroaniline	U	25	U	25	U	25	U	25	U		NA	25
4-Nitrophenol	U	25	U	25	U	25	U	25	U		NA	25
Acenaphthene	J	10	U	10	U	10	U	10	U		NA	10
Acenaphthylene	J	10	U	10	U	10	U	10	U		NA	10
Acetophenone	NA		NA		NA		NA		NA		NA	10
Anthracene	U	10	U	10	U	10	U	10	U		NA	10
Atrazine	NA		NA		NA		NA		NA		NA	10
Benzaldehyde	NA		NA		NA		NA		NA		NA	10
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U		NA	10
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U		NA	10
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U		NA	10
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U		NA	10
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U		NA	10
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U		NA	10
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U		NA	10
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U		NA	10
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U		NA	10
Caprolactam	NA		NA		NA		NA		NA		NA	10
Carbazole	J	10	U	10	U	10	U	10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chrysene	U	10	U	10	U	10	U	10	U		NA	10
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U		NA	10
Dibenzofuran	J	10	U	10	U	10	U	10	U		NA	10
Diethylphthalate	U	10	U	10	U	10	U	10	U		NA	10
Dimethylphthalate	U	10	U	10	U	10	U	10	U		NA	10
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U		NA	10
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U		NA	10
Fluoranthene	U	10	U	10	U	10	U	10	U		NA	10
Fluorene	J	10	U	10	U	10	U	10	U		NA	10
Hexachlorobenzene	U	10	U	10	U	10	U	10	U		NA	10
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U		NA	10
Hexachlorocyclopentadiene	U	10	U	10	U	10	U		R		NA	10
Hexachloroethane	U	10	U	10	U	10	U	10	U		NA	10
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U		NA	10
Isophorone	U	10	U	10	U	10	U	10	U		NA	10
Naphthalene	U	10	U	10	U	10	U	10	U		NA	10
Nitrobenzene	U	10	U	10	U	10	U	10	U		NA	10
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U		NA	10
N-Nitroso-diphenylamine	U	10	U	10	U	10	UJ	10	U		NA	10
Pentachlorophenol	U	25	U	25	U	25	U	25	U		NA	25
Phenanthrene	U	10	U	10	U	10	U	10	U		NA	10
Phenol	U	10	U	10	U	10	U	10	U		NA	10
Pyrene	UJ	10	U	10	U	10	U	10	U		NA	10
Total PAH		10	U	10	U	10	U	10	U		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA		NA		NA	0.20
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA	0.20
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA	0.20
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA	0.20
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA	0.20
Chrysene	NA		NA		NA		NA		NA		NA	0.20
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA	0.20
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA	0.20
Phenanthrene	NA		NA		NA		NA		NA		NA	0.20
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Aroclor, Total	U	0.56	U	0.56	U	0.56	U	1.1	U		NA	
Aroclor-1016	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	1.0
Aroclor-1221	U	1.0	U	1.0	U	1.0	U	2.0	U		NA	0.25
Aroclor-1232	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	1.0
Aroclor-1242	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	1.0
Aroclor-1248	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	1.0
Aroclor-1254	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	0.25
Aroclor-1260	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	0.25
Aroclor-1262	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	0.28
Aroclor-1268	U	0.50	U	0.50	U	0.50	U	1.0	U		NA	1.0
beta-BHC	U	0.050	U	0.050	UJ	0.050	U	0.050	U		NA	0.050
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Dieldrin	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.050
Endosulfan I	U	0.050	U	0.050	UJ	0.050	U	0.050	U		NA	0.050
Endosulfan II	U	0.10	U	0.10	UJ	0.10	U		R		NA	0.10
Endosulfan Sulfate	U	0.10	U	0.0020	J	0.10	U	0.10	U		NA	0.10
Endrin	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.050
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Endrin Ketone	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA	0.10
gamma-BHC	U	0.0038	J	0.050	U	0.050	U	0.050	U		NA	0.050
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Heptachlor	U	0.0049	J	0.050	U	0.050	U	0.050	U		NA	0.020
Heptachlor Epoxide	U	0.0056	J	0.050	U	0.050	U	0.050	U		NA	0.020
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U		NA	0.50
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U		NA	5.0
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA	7.3
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA	3.6
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA	4.5
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA	3.7
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA	2.3
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA	3.7
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	2.3
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA	3.6
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA	2.9
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA	3.6
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA	2.2
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA	2.4
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA	2.3

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA	3.1
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA	2.3
OCDD	NA		NA		NA		NA		NA		NA	12.6
OCDF	NA		NA		NA		NA		NA		NA	9.1
Total HpCDD	NA		NA		NA		NA		NA		NA	7.3
Total HpCDF	NA		NA		NA		NA		NA		NA	4.0
Total HxCDD	NA		NA		NA		NA		NA		NA	3.6
Total HxCDF	NA		NA		NA		NA		NA		NA	2.5
Total PeCDD	NA		NA		NA		NA		NA		NA	3.6
Total PeCDF	NA		NA		NA		NA		NA		NA	2.2
Total TCDD	NA		NA		NA		NA		NA		NA	3.1
Total TCDF	NA		NA		NA		NA		NA		NA	10.7
Toxicity Equivalency	NA		NA		NA		NA		NA		NA	0.00
TAL Metal Analysis (UG/L)												
Aluminum	J	21.3	U	52.6	U	43.7	U	17.0	U		NA	55.7
Antimony	UJ	28.5	U	12.5	J	18.8	U	3.0	U		NA	2.3
Arsenic	J	8.1		1.8	UJ	1.8	U	4.3	J		NA	7.4
Barium	J	157		191		117		584			NA	119
Beryllium	UJ	0.20	U	0.30	U	0.20	U	1.0	U		NA	0.10
Cadmium	UJ	3.9	UJ	1.4	U	1.1	U	1.0	U		NA	0.30
Calcium	J	86200		136000		116000		286000			NA	88200
Chromium	UJ	2.8	U	1.7	UJ	5.7	UJ	1.0	U		NA	0.60
Cobalt	UJ	6.2	J	4.3	UJ	2.4	U	5.7	UJ		NA	3.6
Copper	UJ	5.4	J	14.9	U	5.6	J	10.6			NA	2.6
Cyanide	NA		NA		NA		NA		NA		NA	
Iron	J	20200		44.2	U	33.6	U	2420			NA	18600
Lead	UJ	1.4	J	0.94	UJ	0.94	UJ	1.0	U		NA	2.2
Magnesium	J	10400		16100		15400		37000			NA	15000
Manganese	J	2230		46.9		30.1	U	941			NA	1260
Mercury	UJ	0.20	U	0.20	U	0.20	U	0.10	U		NA	0.10
Nickel	UJ	13.3	U	13.7	U	7.3	J	10.5	J		NA	6.4
Potassium	J	10400		11200		6470		21700	J		NA	8650
Selenium	UJ	1.0	U	2.5	UJ	2.8	U	3.0	U		NA	4.8
Silver	R	3.2	J	2.4	UJ	1.8	U	1.0	U		NA	0.60
Sodium	J	30900		19900		11500		156000			NA	48500
Thallium	UJ	0.90	U	1.7	U	3.1	U	3.0	U		NA	4.7
Vanadium	UJ	3.5	U	2.3	U	2.9	U	1.0	UJ		NA	0.50
Zinc	UJ	22.8	U	30.5	U	17.3	U	26.2	U		NA	16.8
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA		NA	208			NA	214

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Sample Number		RM-SP-MW-111S-02		RM-SP-MW-111S-03		RM-SP-MW-111S-04		OU2-MW-111S-05		OU2-GW-111S-07		OU2-MW-111
Sample Location		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S		MW-111S
Date Sampled		8/23/1994		11/30/1994		3/28/1995		11/12/1997		1/8/2003		1/10/2003
Interval		6.0-10.0		6.0-10.0		6.0-10.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Dioxide	NA		NA		NA		NA		NA		NA	351
Chloride	NA		NA		NA		NA	657			NA	27.8
Ferrous Iron	NA		NA		NA		NA		NA		NA	12.4
Nitrate	NA		NA		NA		NA		NA		NA	0.165
Nitrate-Nitrite (as N)	NA		NA		NA		NA	0.51			NA	
Nitrite-N	NA		NA		NA		NA		NA		NA	0.050
Sulfate	NA		NA		NA		NA	57.7			NA	118
Sulfide	NA		NA		NA		NA		NA		NA	0.50
Total Organic Carbon	NA		NA		NA		NA		NA		NA	26.1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07	OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location		DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled		8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval		14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier		None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone		Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	U	10	U		NA		NA	140		130		150
1,1,2,2-Tetrachloroethane	U	10	U		NA		NA	50	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	U	10	U		NA		NA	50	U	10	U	10
1,1-Dichloroethane	U	10	U		NA		NA	140		120	J	130
1,1-Dichloroethene	U	10	U		NA		NA	85		77		82
1,2,4-Trichlorobenzene	U		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	U		NA		NA		NA		NA		NA	
1,2-Dibromoethane	U		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	U		NA		NA		NA		NA		NA	
1,2-Dichloroethane	U	10	U		NA		NA	50	U	10	U	1
1,2-Dichloroethene (total)	NA	2	J		NA		NA	180		150		170
1,2-Dichloropropane	U	10	U		NA		NA	50	U	10	U	10
1,3-Dichlorobenzene	U		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	U		NA		NA		NA		NA		NA	
1,4-Dioxane	UJ		NA		NA		NA		NA		NA	
2-Butanone	U	10	U		NA		NA	50	U	10	U	10
2-Hexanone	U	10	UJ		NA		NA	50	U	10	U	10
4-Methyl-2-Pentanone	U	10	UJ		NA		NA	50	U	10	U	10
Acetone	J	10	U		NA		NA	50	U	10	U	10
Benzene	U	10	U		NA		NA	50	U	10	U	10
Bromodichloromethane	U	10	U		NA		NA	50	U	10	U	10
Bromoform	U		R		NA		NA	50	U	10	U	10
Bromomethane	U	10	U		NA		NA	50	U	10	U	10
Carbon Disulfide	U	10	U		NA		NA	50	U	10	U	10
Carbon Tetrachloride	U	10	U		NA		NA	50	U	10	U	10
Chlorobenzene	U	8	J		NA		NA	50	U	10	UJ	10
Chloroethane	U	10	UJ		NA		NA	50	U	10	UJ	2
Chloroform	U	10	U		NA		NA	50	U	10	UJ	10
Chloromethane	U	10	U		NA		NA	50	U	10	UJ	10
cis-1,2-Dichloroethene	U		NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	U	10	U		NA		NA	50	U	10	U	10
Cyclohexane	U		NA		NA		NA		NA		NA	
Dibromochloromethane	U		R		NA		NA	50	U	10	U	10
Dichlorodifluoromethane	UJ		NA		NA		NA		NA		NA	
Ethylbenzene	U	10	U		NA		NA	50	U	10	U	10
Isopropylbenzene	U		NA		NA		NA		NA		NA	
Methyl Acetate	U		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	U		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07	OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location		DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled		8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval		14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier		None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone		Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
Methylcyclohexane	U		NA		NA		NA		NA		NA	
Methylene Chloride	UJ	10	U		NA		NA	50	U	10	U	10
Styrene	U	10	U		NA		NA	1		10	U	10
Tetrachloroethene	U	10	U		NA		NA	50	U	10	U	10
Toluene	U	10	U		NA		NA	2		10	U	10
Total Xylenes	U	10	U		NA		NA	50	U	10	UJ	10
trans-1,2-Dichloroethene	U		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	U	10	U		NA		NA	50	U	10	U	10
Trichloroethene	U	10	U		NA		NA	330		260		340
Trichlorofluoromethane	UJ		NA		NA		NA		NA		NA	
Vinyl Chloride	U	10	U		NA		NA	50	U	10	U	10
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	U		NA		NA		NA		NA		NA	
Ethene	U		NA		NA		NA		NA		NA	
Methane			NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07		OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location			DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled			8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval			14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier			None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone			Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
Chlorobenzene	NA			NA		NA		NA		NA		NA	
Chloroethane	NA			NA		NA		NA		NA		NA	
Chloroform	NA			NA		NA		NA		NA		NA	
Chloromethane	NA			NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA			NA		NA		NA		NA		NA	
cis-1,3-Dichloropropene	NA			NA		NA		NA		NA		NA	
Dibromochloromethane	NA			NA		NA		NA		NA		NA	
Ethylbenzene	NA			NA		NA		NA		NA		NA	
Methylene Chloride	NA			NA		NA		NA		NA		NA	
Styrene	NA			NA		NA		NA		NA		NA	
Tetrachloroethene	NA			NA		NA		NA		NA		NA	
Toluene	NA			NA		NA		NA		NA		NA	
Total Xylenes	NA			NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA			NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA			NA		NA		NA		NA		NA	
Trichloroethene	NA			NA		NA		NA		NA		NA	
Vinyl Chloride	NA			NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		1	U	10	U	20	U		NA		NA	
1,1-Dichloroethane	NA		1	U	30		100			NA		NA	
1,1-Dichloroethene	NA		1	U	10	U	20	U		NA		NA	
1,2-Dichloroethane	NA		1	U	10	U	20	U		NA		NA	
Benzene	NA		1	U	10	U	20	U		NA		NA	
Chlorobenzene	NA		8.3		100		120			NA		NA	
cis-1,2-Dichloroethene	NA		1.6		23		28			NA		NA	
Ethylbenzene	NA		1	U	10	U	20	U		NA		NA	
m&p-Xylene	NA		1	U	10	U	20	U		NA		NA	
o-Xylene	NA		1	U	10	U	20	U		NA		NA	
Tetrachloroethene	NA		1	U	10	U	20	U		NA		NA	
Toluene	NA		1	U	10	U	20	U		NA		NA	
trans-1,2-Dichloroethene	NA		1	U	10	U	20	U		NA		NA	
Trichloroethene	NA		1	U	10	U	28			NA		NA	
Vinyl Chloride	NA		1	U	10	U	20	U		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	U			NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA			NA		NA		NA	10	U	10	U	10
1,2-Dichlorobenzene	NA			NA		NA		NA	10	U	10	U	10
1,3-Dichlorobenzene	NA			NA		NA		NA	10	U	10	U	10
1,4-Dichlorobenzene	NA			NA		NA		NA	10	U	10	U	10
2,2'-oxybis(1-Chloropropane)	U			NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07		OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location			DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled			8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval			14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier			None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone			Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
2,4,5-Trichlorophenol	U			NA		NA		NA	25	U	25	U	25
2,4,6-Trichlorophenol	U			NA		NA		NA	10	U	10	U	10
2,4-Dichlorophenol	U			NA		NA		NA	10	U	10	U	10
2,4-Dimethylphenol	U			NA		NA		NA	10	U	10	U	10
2,4-Dinitrophenol	UJ			NA		NA		NA	25	U	25	U	
2,4-Dinitrotoluene	U			NA		NA		NA	10	U	10	U	10
2,6-Dinitrotoluene	U			NA		NA		NA	10	U	10	U	10
2-Chloronaphthalene	U			NA		NA		NA	10	U	10	U	10
2-Chlorophenol	U			NA		NA		NA	10	U	10	U	10
2-Methylnaphthalene	U			NA		NA		NA	10	U	10	U	10
2-Methylphenol	U			NA		NA		NA	10	U	10	U	10
2-Nitroaniline	U			NA		NA		NA	25	U	25	U	25
2-Nitrophenol	U			NA		NA		NA	10	U	10	U	10
3,3'-Dichlorobenzidine	U			NA		NA		NA	10	U	10	U	10
3-Nitroaniline	U			NA		NA		NA	25	U	25	UJ	25
4,6-Dinitro-2-methylphenol	U			NA		NA		NA	25	U	25	U	
4-Bromophenyl-phenylether	U			NA		NA		NA	10	U	10	U	10
4-Chloro-3-methylphenol	U			NA		NA		NA	10	U	10	U	10
4-Chloroaniline	UJ			NA		NA		NA	10	U	10	U	10
4-Chlorophenyl-phenylether	U			NA		NA		NA	10	U	10	U	10
4-Methylphenol	U			NA		NA		NA	10	U	10	U	10
4-Nitroaniline	U			NA		NA		NA	25	U	25	U	25
4-Nitrophenol	U			NA		NA		NA	25	U	25	U	25
Acenaphthene	U			NA		NA		NA	10	U	10	U	10
Acenaphthylene	U			NA		NA		NA	10	U	10	U	10
Acetophenone	U			NA		NA		NA		NA		NA	
Anthracene	U			NA		NA		NA	10	U	10	U	10
Atrazine	U			NA		NA		NA		NA		NA	
Benzaldehyde	UJ			NA		NA		NA		NA		NA	
Benzo(a)anthracene	U			NA		NA		NA	10	U	10	U	10
Benzo(a)pyrene	U			NA		NA		NA	10	U	10	U	10
Benzo(b)fluoranthene	U			NA		NA		NA	10	U	10	U	10
Benzo(g,h,i)perylene	U			NA		NA		NA	10	U	10	U	10
Benzo(k)fluoranthene	U			NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethoxy)methane	U			NA		NA		NA	10	U	10	U	10
Bis(2-Chloroethyl)ether	U			NA		NA		NA	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	U			NA		NA		NA	10	U	10	U	10
Butylbenzylphthalate	U			NA		NA		NA	10	U	10	U	10
Caprolactam	U			NA		NA		NA		NA		NA	
Carbazole	U			NA		NA		NA	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07		OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location			DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled			8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval			14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier			None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone			Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
Chrysene	U			NA		NA		NA	10	U	10	U	10
Dibenzo(a,h)anthracene	U			NA		NA		NA	10	U	10	U	10
Dibenzofuran	U			NA		NA		NA	10	U	10	U	10
Diethylphthalate	U			NA		NA		NA	10	U	10	U	10
Dimethylphthalate	U			NA		NA		NA	10	U	10	U	10
Di-n-Butylphthalate	U			NA		NA		NA	10	U	10	U	10
Di-n-octylphthalate	U			NA		NA		NA	10	U	10	U	10
Fluoranthene	U			NA		NA		NA	10	U	10	U	10
Fluorene	U			NA		NA		NA	10	U	10	U	10
Hexachlorobenzene	U			NA		NA		NA	10	U	10	U	10
Hexachlorobutadiene	U			NA		NA		NA	10	U	10	U	10
Hexachlorocyclopentadiene	U			NA		NA		NA	10	U	10	U	10
Hexachloroethane	U			NA		NA		NA	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	U			NA		NA		NA	10	U	10	U	10
Isophorone	U			NA		NA		NA	10	U	10	U	10
Naphthalene	U			NA		NA		NA	10	U	10	U	10
Nitrobenzene	U			NA		NA		NA	10	U	10	U	10
N-Nitroso-di-n-propylamine	U			NA		NA		NA	10	U	10	U	10
N-Nitroso-diphenylamine	U			NA		NA		NA	10	U	10	U	10
Pentachlorophenol	U			NA		NA		NA	25	U	25	U	25
Phenanthrene	U			NA		NA		NA	10	U	10	U	10
Phenol	U			NA		NA		NA	10	U	10	U	10
Pyrene	U			NA		NA		NA	10	U	10	U	10
Total PAH	NA			NA		NA		NA	10	U	10	U	10
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	U			NA		NA		NA		NA		NA	
Benzo(a)anthracene	U			NA		NA		NA		NA		NA	
Benzo(a)pyrene	U			NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	U			NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	U			NA		NA		NA		NA		NA	
Chrysene	U			NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	U			NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	U			NA		NA		NA		NA		NA	
Phenanthrene	U			NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	U			NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDE	U			NA		NA		NA	0.10	U	0.10	U	0.10
4,4'-DDT	U			NA		NA		NA	0.10	U	0.10	U	0.10
Aldrin	U			NA		NA		NA	0.050	U	0.050	U	0.050
alpha-BHC	U			NA		NA		NA	0.050	U	0.050	U	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07		OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location			DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled			8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval			14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier			None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone			Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
alpha-Chlordane	U			NA		NA		NA	0.050	U	0.050	U	0.050
Aroclor, Total	NA			NA		NA		NA	1.1	U	0.56	U	0.56
Aroclor-1016	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1221	U			NA		NA		NA	2.0	U	1.0	U	1.0
Aroclor-1232	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1242	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1248	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1254	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1260	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1262	U			NA		NA		NA	1.0	U	0.50	U	0.50
Aroclor-1268	U			NA		NA		NA	1.0	U	0.50	U	0.50
beta-BHC	U			NA		NA		NA	0.050	U	0.050	U	0.050
delta-BHC	U			NA		NA		NA	0.050	U	0.050	U	0.050
Dieldrin	U			NA		NA		NA	0.10	U	0.10	U	0.10
Endosulfan I	U			NA		NA		NA	0.050	U	0.050	U	0.050
Endosulfan II	U			NA		NA		NA	0.10	U	0.10	U	0.10
Endosulfan Sulfate	U			NA		NA		NA	0.10	U	0.10	U	0.10
Endrin	U			NA		NA		NA	0.10	U	0.10	U	0.10
Endrin Aldehyde	U			NA		NA		NA	0.10	U	0.10	U	0.10
Endrin Ketone	U			NA		NA		NA	0.10	U	0.10	U	0.10
gamma-BHC	U			NA		NA		NA	0.050	U	0.050	U	0.050
gamma-Chlordane	U			NA		NA		NA	0.050	U	0.050	U	0.050
Heptachlor	U			NA		NA		NA	0.050	U	0.050	U	0.050
Heptachlor Epoxide	U			NA		NA		NA	0.050	U	0.050	U	0.050
Methoxychlor	U			NA		NA		NA	0.50	U	0.50	U	0.50
Toxaphene	U			NA		NA		NA	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	U			NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	U			NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	U			NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD	U			NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF	U			NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD	U			NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF	U			NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD	U			NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF	U			NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD	U			NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF	U			NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF	U			NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF	U			NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07	OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location		DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled		8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval		14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier		None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone		Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
2,3,7,8-TCDD	U		NA		NA		NA		NA		NA	
2,3,7,8-TCDF	U		NA		NA		NA		NA		NA	
OCDD	U		NA		NA		NA		NA		NA	
OCDF	U		NA		NA		NA		NA		NA	
Total HpCDD	UJ		NA		NA		NA		NA		NA	
Total HpCDF	UJ		NA		NA		NA		NA		NA	
Total HxCDD	UJ		NA		NA		NA		NA		NA	
Total HxCDF	UJ		NA		NA		NA		NA		NA	
Total PeCDD	UJ		NA		NA		NA		NA		NA	
Total PeCDF	UJ		NA		NA		NA		NA		NA	
Total TCDD	UJ		NA		NA		NA		NA		NA	
Total TCDF	EMPC		NA		NA		NA		NA		NA	
Toxicity Equivalency	U		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	U	84.5	U		NA		NA	182	U	26.6	U	89.4
Antimony	U	4.7	U		NA		NA	10.8	U	28.5	U	11.6
Arsenic	J	2.4	UJ		NA		NA	2.7		0.90	U	1.7
Barium		198	U		NA		NA	21.5		21.9		26.1
Beryllium	U	0.10	U		NA		NA	0.80	U	0.20	U	0.30
Cadmium	U	0.41	J		NA		NA	1.0	U	3.9	UJ	1.4
Calcium		24800			NA		NA	14800		16500		18600
Chromium	U	0.60	U		NA		NA	4.4	U	2.8	U	1.7
Cobalt	U	1.4	U		NA		NA	2.3	U	4.1	U	2.5
Copper		11.0	U		NA		NA	3.2	U	3.0	U	2.1
Cyanide	NA		NA		NA		NA		NA		NA	
Iron		19800			NA		NA	335		60.2	U	163
Lead	UJ	19.3	UJ		NA		NA	1.8		1.3	J	0.86
Magnesium		10300			NA		NA	12100		13800		14800
Manganese		1420			NA		NA	167		199		225
Mercury	U	0.10	UJ		NA		NA	0.20	U	0.20	U	0.75
Nickel		3.6	U		NA		NA	4.5	U	13.3	U	3.5
Potassium	J	5680			NA		NA	5530		5820		6230
Selenium	U		R		NA		NA	2.1	U	1.0	U	2.5
Silver	U	0.80	U		NA		NA	0.00		2.6	UJ	2.4
Sodium		35700	U		NA		NA	129000		152000		186000
Thallium	U	3.4	U		NA		NA	2.2	U	0.90	U	2.0
Vanadium	U	1.5	U		NA		NA	2.6	U	3.5	U	2.3
Zinc		57.8	U		NA		NA	7.9	U	8.3	U	8.2
Wet Chemistry Analysis												
Alkalinity	J		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S-07	OU2-DP1-12-1419		OU2-DP1-12-2429		OU2-DP1-12-3035		SP-MW-112B-01-AVG		RM-SP-MW-112B-02		RM-SP-MW-112B-
Sample Location		DP1-12		DP1-12		DP1-12		MW-112B		MW-112B		MW-112B
Date Sampled		8/14/1997		8/15/1997		8/15/1997		5/18/1994		8/23/1994		11/29/1994
Interval		14.0-19.0		24.0-29.0		30.0-35.0		47.0-57.0		47.0-57.0		47.0-57.0
QC Identifier		None		None		None		Field Dup. SP-MW-112B-01		None		None
Zone		Overburden		Overburden		Overburden		Bedrock		Bedrock		Bedrock
Carbon Dioxide	J		NA		NA		NA		NA		NA	
Chloride	J		NA		NA		NA		NA		NA	
Ferrous Iron			NA		NA		NA		NA		NA	
Nitrate			NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA	
Nitrite-N	U		NA		NA		NA		NA		NA	
Sulfate			NA		NA		NA		NA		NA	
Sulfide	U		NA		NA		NA		NA		NA	
Total Organic Carbon			NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	J	180		110		130		66		88	
1,1,2,2-Tetrachloroethane	U	27	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	U	27	U	10	U	1	J	10	U	10	U
1,1-Dichloroethane		170		80		95		70		97	J
1,1-Dichloroethene		110		69	J	220		40		58	J
1,2,4-Trichlorobenzene	NA		NA		NA	10	U		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA	10	U		NA		NA
1,2-Dibromoethane	NA		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
1,2-Dichloroethane	J	27	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		250		130			NA	97		140	
1,2-Dichloropropane	U	27	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
1,4-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
1,4-Dioxane	NA		NA		NA	120	J		NA		NA
2-Butanone	U	27	U	10	U	10	UJ	10	U	10	U
2-Hexanone	U	27	U	10	UJ	10	U	10	U	10	U
4-Methyl-2-Pentanone	U	27	U	10	UJ	10	U	10	U	10	U
Acetone	U	27	UJ	10	U	10	UJ	10	U	10	U
Benzene	U	27	U	10	UJ	2	J	10	U	10	U
Bromodichloromethane	U	27	U	10	U	10	U	10	U	10	U
Bromoform	U	27	U	10	U	10	U	10	U	10	U
Bromomethane	U	27	U	10	U	10	U	10	U	10	U
Carbon Disulfide	U	27	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	U	27	U	10	U	10	U	10	U	10	U
Chlorobenzene	U	27	U	10	U	4	J	10	U	10	UJ
Chloroethane	J	27	U	10	UJ	10	U	10	U	10	UJ
Chloroform	U	27	U	10	U	10	U	10	U	10	UJ
Chloromethane	U	27	U	10	U	10	U	10	UJ	10	UJ
cis-1,2-Dichloroethene	NA		NA		NA	290			NA		NA
cis-1,3-Dichloropropene	U	27	U	10	U	10	U	10	U	10	U
Cyclohexane	NA		NA		NA	10	U		NA		NA
Dibromochloromethane	U	27	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	NA		NA		NA	10	UJ		NA		NA
Ethylbenzene	U	27	U	10	U	10	U	10	U	10	U
Isopropylbenzene	NA		NA		NA	10	U		NA		NA
Methyl Acetate	NA		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether	NA		NA		NA	2	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Methylcyclohexane	NA		NA		NA	10	U		NA		NA
Methylene Chloride	U	27	U	10	U	10	U	10	U	10	U
Styrene	U	27	U	10	U	10	U	10	U	10	U
Tetrachloroethene	U	27	U	1	J	1	J	10	U	10	U
Toluene	U	27	U	10	U	10	U	10	U	10	U
Total Xylenes	U	27	U	10	U	10	U	10	U	10	UJ
trans-1,2-Dichloroethene	NA		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	U	27	U	10	U	10	U	10	U	10	U
Trichloroethene		470		260	*	330	*	170		190	J
Trichlorofluoromethane	NA		NA		NA	10	U		NA		NA
Vinyl Chloride	U	27	U	2	J	19		10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Chlorobenzene	NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	U	10	U	10	U		NA	10	U	10	U
1,2-Dichlorobenzene	U	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene	U	10	U	10	U		NA	10	U	10	U
1,4-Dichlorobenzene	U	10	U	10	U		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	R	25	UJ	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	UJ	25	U	25	U	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	U	10	UJ	10	U	10	U	10	U	10	U
3-Nitroaniline	U	25	U	25	U	25	U	25	U	25	UJ
4,6-Dinitro-2-methylphenol	R	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	U	10	UJ	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	U	25	U	25	UJ	25	U	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	NA		NA		NA	10	U		NA		NA
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	NA		NA		NA	10	UJ		NA		NA
Benzaldehyde	NA		NA		NA	10	U		NA		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	UJ	10	U	10	U	10	U
Caprolactam	NA		NA		NA	10	U		NA		NA
Carbazole	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Chrysene	U	10	U	10	UJ	10	U	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U		R	10	U	10	U	10	U
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	U	10	UJ	10	U	10	U	10	U	10	U
Pentachlorophenol	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	1	J
Phenol	U	10	U	10	U	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	UJ	10	U
Total PAH	U	10	U	10	U		NA	10	U	1	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene	NA		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene	NA		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	NA		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	NA		NA		NA	0.20	U		NA		NA
Chrysene	NA		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA	0.20	U		NA		NA
Phenanthrene	NA		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	U	0.56	U	1.1	U		NA	1.1	U	0.56	U
Aroclor-1016	U	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1221	U	1.0	U	2.0	U	0.25	U	2.0	U	1.0	U
Aroclor-1232	U	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1242	U	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1248	U	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1254	U	0.50	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1260	U	0.50	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1262	U	0.50	U	1.0	U	0.28	U	1.0	U	0.50	U
Aroclor-1268	U	0.50	U	1.0	U	1.0	U	1.0	U	0.50	U
beta-BHC	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endosulfan I	UJ	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	UJ	0.10	U		R	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.00070	J	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	UJ	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	U	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA		NA		NA	3.5	U		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA	1.9	U		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA	2.4	U		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA	1.8	U		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA	1.2	U		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA	1.8	U		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA	1.1	U		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA	1.8	U		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA	1.6	U		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA	1.6	U		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA	1.1	U		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA	1.3	U		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA	1.1	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
2,3,7,8-TCDD	NA		NA		NA	1.4	U		NA		NA
2,3,7,8-TCDF	NA		NA		NA	1.1	U		NA		NA
OCDD	NA		NA		NA	6.1	UJ		NA		NA
OCDF	NA		NA		NA	4.8	UJ		NA		NA
Total HpCDD	NA		NA		NA	3.5	UJ		NA		NA
Total HpCDF	NA		NA		NA	2.1	UJ		NA		NA
Total HxCDD	NA		NA		NA	1.8	UJ		NA		NA
Total HxCDF	NA		NA		NA	1.3	UJ		NA		NA
Total PeCDD	NA		NA		NA	1.6	UJ		NA		NA
Total PeCDF	NA		NA		NA	1.1	UJ		NA		NA
Total TCDD	NA		NA		NA	3.9	UEMPC		NA		NA
Total TCDF	NA		NA		NA	1.1	UJ		NA		NA
Toxicity Equivalency	NA		NA		NA	0.00	UJ		NA		NA
TAL Metal Analysis (UG/L)											
Aluminum	UJ	88.3	U	17.0	U	126	UJ	183	UJ	23.4	U
Antimony	UJ	18.8	U	3.0	U	9.9	U	10.8	UJ	28.5	U
Arsenic	UJ	1.8	U	3.0	U	5.0	U	3.5	J	2.1	
Barium	J	29.6		24.2		282		32.8	J	25.9	
Beryllium	UJ	0.20	U	1.0	U	0.90	U	0.80	UJ	0.20	U
Cadmium	UJ	1.1	U	1.0	U	0.70	U	1.4	UJ	3.9	UJ
Calcium	J	17700		21000		68300		34000	J	35400	
Chromium	UJ	5.7	UJ	1.0	U	0.60	U	4.4	UJ	2.8	U
Cobalt	UJ	2.4	U	1.6	UJ	6.9	U	2.3	UJ	4.1	U
Copper	UJ	3.9	UJ	2.1	J	5.8	U	16.0	UJ	3.0	U
Cyanide	NA		NA		NA		NA		NA		NA
Iron	UJ	131	U	20.7	UJ	1840		765	J	916	
Lead	J	0.40	UJ	1.0	U	2.4	U	16.6	J	2.6	J
Magnesium	J	16100		19800		40000		16400	J	17800	
Manganese	J	220		225		1340		263	J	297	
Mercury	J	0.20	U	0.10	U	0.10	U	0.20	UJ	0.20	U
Nickel	UJ	5.2	U	1.7	J	6.5	J	4.5	UJ	13.3	U
Potassium	J	6020		7160		13700		7930	J	8690	
Selenium	UJ	2.8	U	3.0	U	4.3	U	2.1	UJ	1.0	U
Silver	UJ	1.8	U	1.0	U	1.3	U		R	2.6	UJ
Sodium	J	203000		182000		239000		80000	J	105000	
Thallium	J	3.1	U	3.0	U	4.2	U	2.2	UJ	0.90	U
Vanadium	UJ	2.9	U	1.0	U	5.9	U	3.3	J	3.5	U
Zinc	UJ	39.4	U	32.6	UJ	5.5	U	32.8	UJ	7.3	U
Wet Chemistry Analysis											
Alkalinity	NA		NA	184			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	03	RM-SP-MW-112B-04		OU2-MW-112B-05		OU2-MW-112B-07		SP-MW-112D-01		RM-SP-MW-112D-02	
Sample Location		MW-112B		MW-112B		MW-112B		MW-112D		MW-112D	
Date Sampled		3/28/1995		11/11/1997		12/6/2002		5/18/1994		8/23/1994	
Interval		47.0-57.0		0.0-0.0		0.0-0.0		38.0-42.0		38.0-42.0	
QC Identifier		None		None		None		None		None	
Zone		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Carbon Dioxide	NA		NA		NA		NA		NA		NA
Chloride	NA		NA	128			NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA	1.09			NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA	169			NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	80	J	71			NA	76		28	
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	10	U		NA
1,1,2-Trichloroethane	10	U	1	J		NA	10	U	10	U
1,1-Dichloroethane	86		70			NA	50		32	
1,1-Dichloroethene	57		46			NA	120		19	
1,2,4-Trichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U		NA
1,2-Dibromoethane		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U		NA	10	U	10	U
1,2-Dichloroethene (total)	200		170			NA		NA	49.5	
1,2-Dichloropropane	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA
1,4-Dioxane		NA		NA		NA	60	J		NA
2-Butanone	10	U	10	U		NA	10	UJ	10	U
2-Hexanone	10	U	10	U		NA	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U		NA	10	U	10	U
Acetone	10	U	10	UJ		NA	10	UJ	14.5	U
Benzene	2	J	2	J		NA	10	U	10	U
Bromodichloromethane	10	U	10	U		NA	10	U	10	U
Bromoform	10	U	10	U		NA	10	U	10	U
Bromomethane	10	U	10	U		NA	10	U	10	U
Carbon Disulfide	10	U	10	U		NA	10	U	10	U
Carbon Tetrachloride	10	U	10	U		NA	10	U	10	U
Chlorobenzene	0.8	J	2	J		NA	3	J	10	U
Chloroethane	10	U	10	U		NA	10	U	10	U
Chloroform	10	U	10	U		NA	10	U	10	U
Chloromethane	10	U	10	U		NA	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA	160			NA
cis-1,3-Dichloropropene	10	U	10	U		NA	10	U	10	U
Cyclohexane		NA		NA		NA	10	U		NA
Dibromochloromethane	10	U	10	U		NA	10	U	10	U
Dichlorodifluoromethane		NA		NA		NA	10	UJ		NA
Ethylbenzene	10	U	10	U		NA	10	U	10	U
Isopropylbenzene		NA		NA		NA	10	U		NA
Methyl Acetate		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether		NA		NA		NA	1	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA	10	U		NA
Methylene Chloride	10	U	10	U		NA	10	U	10	U
Styrene	10	U	10	U		NA	10	U	10	U
Tetrachloroethene	10	U	10	U		NA	10	U	10	U
Toluene	10	U	10	U		NA	10	U	10	U
Total Xylenes	10	U	10	U		NA	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U		NA	10	U	10	U
Trichloroethene	140		160			NA	120		70.5	
Trichlorofluoromethane		NA		NA		NA	10	U		NA
Vinyl Chloride	4	J	8	J		NA	47		4.5	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA	10.0	U		NA
Ethene		NA		NA		NA	10.0	U		NA
Methane		NA		NA		NA	34.0			NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA	32.5			NA		NA
1,1,2,2-Tetrachloroethane		NA		NA	1	U		NA		NA
1,1,2-Trichloroethane		NA		NA	1	U		NA		NA
1,1-Dichloroethane		NA		NA	39			NA		NA
1,1-Dichloroethene		NA		NA	26.5			NA		NA
1,2,4-Trichlorobenzene		NA		NA	1	U		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA	1	U		NA		NA
1,2-Dichlorobenzene		NA		NA	1	U		NA		NA
1,2-Dichloroethane		NA		NA	1	U		NA		NA
1,2-Dichloropropane		NA		NA	1	U		NA		NA
1,3-Dichlorobenzene		NA		NA	1	U		NA		NA
1,4-Dichlorobenzene		NA		NA	1	U		NA		NA
2-Butanone		NA		NA	5	U		NA		NA
2-Hexanone		NA		NA	5	U		NA		NA
4-Methyl-2-Pentanone		NA		NA	5	U		NA		NA
Acetone		NA		NA	5	U		NA		NA
Benzene		NA		NA	1	U		NA		NA
Bromochloromethane		NA		NA	1	U		NA		NA
Bromodichloromethane		NA		NA	1	U		NA		NA
Bromoform		NA		NA	1	U		NA		NA
Bromomethane		NA		NA	1	U		NA		NA
Carbon Disulfide		NA		NA	1	U		NA		NA
Carbon Tetrachloride		NA		NA	1	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA	0.5			NA		NA
Chloroethane		NA		NA	1	U		NA		NA
Chloroform		NA		NA	1	U		NA		NA
Chloromethane		NA		NA	1	U		NA		NA
cis-1,2-Dichloroethene		NA		NA	67.5			NA		NA
cis-1,3-Dichloropropene		NA		NA	1	U		NA		NA
Dibromochloromethane		NA		NA	1	U		NA		NA
Ethylbenzene		NA		NA	1	U		NA		NA
Methylene Chloride		NA		NA	2	U		NA		NA
Styrene		NA		NA	1	U		NA		NA
Tetrachloroethene		NA		NA	1	U		NA		NA
Toluene		NA		NA	1	U		NA		NA
Total Xylenes		NA		NA	1	U		NA		NA
trans-1,2-Dichloroethene		NA		NA	1	U		NA		NA
trans-1,3-Dichloropropene		NA		NA	1	U		NA		NA
Trichloroethene		NA		NA	85			NA		NA
Vinyl Chloride		NA		NA	6			NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U		NA	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U		NA	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U		NA	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol		R	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		R	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA		NA		NA	10	UJ		NA
Benzaldehyde		NA		NA		NA	10	U		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U		NA	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	UJ	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	1	J	10	U	1.5		10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	1		10	U	1.5			NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA
Chrysene		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA
Phenanthrene		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	0.56	U	1.1	U		NA	1.1	U
Aroclor-1016	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	1.0	U	1.0	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.50	U	0.50	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.50	U	0.50	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	0.50	U	0.50	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	UJ	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	UJ	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	4.0	U		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	2.4	U		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	3.0	U		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	2.5	U		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	1.8	U		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	2.5	U		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	1.6	U		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	2.4	U		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	2.0	U		NA
1,2,3,7,8-PeCDD		NA		NA		NA	2.0	U		NA
1,2,3,7,8-PeCDF		NA		NA		NA	1.8	U		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	1.9	U		NA
2,3,4,7,8-PeCDF		NA		NA		NA	1.8	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA	1.9	U		NA
2,3,7,8-TCDF		NA		NA		NA	1.7	U		NA
OCDD		NA		NA		NA	6.2	U		NA
OCDF		NA		NA		NA	4.9	U		NA
Total HpCDD		NA		NA		NA	4.0	UJ		NA
Total HpCDF		NA		NA		NA	2.7	UJ		NA
Total HxCDD		NA		NA		NA	2.5	UJ		NA
Total HxCDF		NA		NA		NA	1.8	UJ		NA
Total PeCDD		NA		NA		NA	2.0	UJ		NA
Total PeCDF		NA		NA		NA	4.3	EMPC		NA
Total TCDD		NA		NA		NA	1.9	UJ		NA
Total TCDF		NA		NA		NA	7.9	UJ		NA
Toxicity Equivalency		NA		NA		NA	0.00	U		NA
TAL Metal Analysis (UG/L)										
Aluminum	79.1	UJ	38.0	U	17.0	U	96.5	UJ	83.25	U
Antimony	13.9	UJ	18.8	U	3.0	U	9.9	U	11.0	U
Arsenic	4.6	J	4.0		2.45		5.0	U	3.2	
Barium	39.3	J	34.0		24.1		42.2		34.3	
Beryllium	0.30	UJ	0.20	U	1.0	U	0.90	U	0.80	U
Cadmium	1.6	UJ	1.1	U	1.0	U	0.70	U	1.1	U
Calcium	51000	J	56500		48100		123000		61050	
Chromium	6.3	J	5.7	UJ	1.0	U	0.60	U	4.55	
Cobalt	2.3	UJ	3.6	J	9.2	U	16.9		2.3	U
Copper	3.8	UJ	3.9	UJ	2.0	U	5.8	U	3.5	U
Cyanide		NA		NA		NA		NA		NA
Iron	3090	J	2760		1470		2500		850.5	
Lead	4.1	J	0.61	UJ	1.0	U	2.4	U	1.75	U
Magnesium	25300	J	29200		24800		44600		23300	
Manganese	519	J	519		478		746		563.5	
Mercury	0.20	UJ	0.20	U	0.10	U	0.10	U	0.20	U
Nickel	7.3	J	5.2	U	1.25		5.3	U	4.5	U
Potassium	10300	J	9720		8935		12100		7605	
Selenium	2.5	UJ	2.8	U	3.0	U	4.3	U	2.1	U
Silver	2.4	UJ	1.8	U	1.0	U	1.3	U		NA
Sodium	125000	J	104000		74650		73800		31750	
Thallium	1.7	UJ	3.1	U	3.0	U	4.2	U	2.2	U
Vanadium	2.3	UJ	2.9	U	1.0	U	5.9	U	2.55	
Zinc	142	J	2.9	U	5.35	U	5.5	U	9.3	U
Wet Chemistry Analysis										
Alkalinity		NA		NA	174		260			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112D-03		RM-SP-MW-112D-04		OU2-MW-112D-05-AVG		OU2-MW-112D-07		SP-MW-112M-01-AVG	
Sample Location	MW-112D		MW-112D		MW-112D		MW-112D		MW-112M	
Date Sampled	11/29/1994		3/28/1995		11/11/1997		12/5/2002		5/18/1994	
Interval	38.0-42.0		38.0-42.0		0.0-0.0		0.0-0.0		24.0-34.0	
QC Identifier	None		None		Field Duplicate 3		None		Field Duplicate 1015	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA	250	J		NA
Chloride		NA		NA	76.5		69.3	U		NA
Ferrous Iron		NA		NA		NA	1.15			NA
Nitrate		NA		NA		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA		NA	0.10	U		NA		NA
Nitrite-N		NA		NA		NA	0.050	U		NA
Sulfate		NA		NA	116		278			NA
Sulfide		NA		NA		NA	0.50	U		NA
Total Organic Carbon		NA		NA		NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1-Trichloroethane	44.5		48	J	6	J		NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U		NA
1,1-Dichloroethane	53		57		11			NA
1,1-Dichloroethene	34.5		36		8	J		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U		NA
1,2-Dichloroethene (total)	86.5		100		30			NA
1,2-Dichloropropane	10	U	10	U	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U		NA
2-Hexanone	10	U	10	U	10	U		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U		NA
Acetone	10	U	10	U	10	U		NA
Benzene	10	U	10	U	10	U		NA
Bromodichloromethane	10	U	10	U	10	U		NA
Bromoform	10	U	10	U	10	U		NA
Bromomethane	10	U	10	U	10	U		NA
Carbon Disulfide	10	U	10	U	10	U		NA
Carbon Tetrachloride	10	U	10	U	10	U		NA
Chlorobenzene	10	U	10	U	10	U		NA
Chloroethane	10	U	2	J	10	U		NA
Chloroform	10	U	10	U	10	U		NA
Chloromethane	19		10	U	10	U		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U		NA
Cyclohexane		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U		NA
Dichlorodifluoromethane		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U		NA
Isopropylbenzene		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U		NA
Styrene	10	U	10	U	10	U		NA
Tetrachloroethene	10	U	10	U	10	U		NA
Toluene	10	U	10	U	10	U		NA
Total Xylenes	10	U	10	U	10	U		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U		NA
Trichloroethene	105		120		10			NA
Trichlorofluoromethane		NA		NA		NA		NA
Vinyl Chloride	5		6	J	10	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)								
Ethane		NA		NA		NA		NA
Ethene		NA		NA		NA		NA
Methane		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA	2	U
1,1,2,2-Tetrachloroethane		NA		NA		NA	2	U
1,1,2-Trichloroethane		NA		NA		NA	2	U
1,1-Dichloroethane		NA		NA		NA	15	
1,1-Dichloroethene		NA		NA		NA	21	
1,2,4-Trichlorobenzene		NA		NA		NA	2	UJ
1,2-Dibromo-3-chloropropane		NA		NA		NA		R
1,2-Dibromoethane		NA		NA		NA	2	U
1,2-Dichlorobenzene		NA		NA		NA	2	U
1,2-Dichloroethane		NA		NA		NA	2	U
1,2-Dichloropropane		NA		NA		NA	2	U
1,3-Dichlorobenzene		NA		NA		NA	2	U
1,4-Dichlorobenzene		NA		NA		NA	2	U
2-Butanone		NA		NA		NA		R
2-Hexanone		NA		NA		NA	10	U
4-Methyl-2-Pentanone		NA		NA		NA	10	U
Acetone		NA		NA		NA	10	UJ
Benzene		NA		NA		NA	2	U
Bromochloromethane		NA		NA		NA	9	
Bromodichloromethane		NA		NA		NA	2	U
Bromoform		NA		NA		NA	2	U
Bromomethane		NA		NA		NA	2	U
Carbon Disulfide		NA		NA		NA	2	U
Carbon Tetrachloride		NA		NA		NA	2	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA	2	U
Chloroethane		NA		NA		NA	2	U
Chloroform		NA		NA		NA	2	U
Chloromethane		NA		NA		NA	2	U
cis-1,2-Dichloroethene		NA		NA		NA	28	
cis-1,3-Dichloropropene		NA		NA		NA	2	U
Dibromochloromethane		NA		NA		NA	2	U
Ethylbenzene		NA		NA		NA	2	U
Methylene Chloride		NA		NA		NA	4	U
Styrene		NA		NA		NA	2	U
Tetrachloroethene		NA		NA		NA	2	U
Toluene		NA		NA		NA	2	U
Total Xylenes		NA		NA		NA	2	U
trans-1,2-Dichloroethene		NA		NA		NA	2	U
trans-1,3-Dichloropropene		NA		NA		NA	2	U
Trichloroethene		NA		NA		NA	3	
Vinyl Chloride		NA		NA		NA	1	J
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U		R	25	UJ	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	UJ
2-Nitrophenol	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U		R	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	UJ
Acenaphthene	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA
Anthracene	10	U	10	U	10	U	10	U
Atrazine		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U
Caprolactam		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U	10	UJ
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U		R
Hexachloroethane	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U	10	UJ	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	UJ
Total PAH	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	0.56	U	0.56	U	0.56	U	1.1	U
Aroclor-1016	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1221	1.0	U	1.0	U	1.0	U	2.0	U
Aroclor-1232	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1242	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1248	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1254	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1260	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1262	0.50	U	0.50	U	0.50	U	1.0	U
Aroclor-1268	0.50	U	0.50	U	0.50	U	1.0	U
beta-BHC	0.050	U	0.050	UJ	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	UJ	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	UJ	0.10	U		R
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	UJ	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)								
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
2,3,7,8-TCDD		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA
OCDD		NA		NA		NA		NA
OCDF		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA
TAL Metal Analysis (UG/L)								
Aluminum	32.0	U	66.0	U	46.3	U	71.0	
Antimony	28.5	U	11.2	UJ	18.8	U	3.0	U
Arsenic	3.15		3.2	J	11.8		20.5	
Barium	35.75		38.4		29.6		25.8	
Beryllium	0.20	U	0.30	U	0.20	U	1.0	U
Cadmium	3.9	U	1.4	UJ	1.1	U	1.0	U
Calcium	60950		62400		67800		78300	
Chromium	3.8	U	2.3	J	5.7	UJ	2.3	
Cobalt	4.1	U	2.3	U	2.4	U	4.1	U
Copper	3.0	U	2.1	UJ	3.9	UJ	3.1	J
Cyanide		NA		NA		NA		NA
Iron	1685		1900		1300		2400	
Lead	1.6		2.3	J	1.2	UJ	1.3	UJ
Magnesium	29050		35700		15500		14700	
Manganese	703.5		685		625		713	
Mercury	0.20	U	0.20	U	0.20	U	0.10	U
Nickel	13.3	U	3.5	U	5.2	U	2.0	
Potassium	7865		7980		7090		8040	
Selenium	1.0	U	2.5	UJ	2.8	U	3.0	U
Silver	2.6	U	2.4	U	1.8	U	1.0	U
Sodium	35450		38500		24700		21600	
Thallium	0.90	U	1.7	J	3.1	U	3.0	U
Vanadium	3.5	U	2.3	U	2.9	U	1.0	U
Zinc	40.4		9.0	UJ	8.8	U	61.4	J
Wet Chemistry Analysis								
Alkalinity		NA		NA		NA	198	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-SP-MW-112M-02-AVG		RM-SP-MW-112M-03		RM-SP-MW-112M-04		OU2-MW-112M-05	
Sample Location	MW-112M		MW-112M		MW-112M		MW-112M	
Date Sampled	8/23/1994		11/29/1994		3/28/1995		11/11/1997	
Interval	24.0-34.0		24.0-34.0		24.0-34.0		0.0-0.0	
QC Identifier	Field Duplicate 1013		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA		NA
Chloride		NA		NA		NA	29.5	
Ferrous Iron		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA	0.10	U
Nitrite-N		NA		NA		NA		NA
Sulfate		NA		NA		NA	85.2	
Sulfide		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA

Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)						
1,1,1-Trichloroethane	99		88		110	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U
1,1-Dichloroethane	43		41		45	
1,1-Dichloroethene	130		120		140	
1,2,4-Trichlorobenzene	10	U	10	U	10	U
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U
1,4-Dioxane		NA	49	J	100	UJ
2-Butanone	10	UJ	10	UJ	10	UJ
2-Hexanone	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U
Acetone	10	UJ	10	UJ	10	UJ
Benzene	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U
cis-1,2-Dichloroethene	110		110		110	
cis-1,3-Dichloropropene	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ
Ethylbenzene	10	U	10	U	10	U
Isopropylbenzene	10	U	10	U	10	U
Methyl Acetate	10	U	10	U	10	U
Methyl tert-Butyl Ether	3		3	J	3	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
Methylcyclohexane	10	U	10	U	10	U
Methylene Chloride	10	U	10	U	10	UJ
Styrene	10	U	10	U	10	U
Tetrachloroethene	10	U	10	U	10	U
Toluene	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U
Trichloroethene	48		41		55	
Trichlorofluoromethane	10	U	10	U	10	U
Vinyl Chloride	6		6		6	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)						
Ethane		NA		NA		NA
Ethene		NA		NA		NA
Methane		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)						
1,1,1-Trichloroethane		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA
2-Butanone		NA		NA		NA
2-Hexanone		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA
Acetone		NA		NA		NA
Benzene		NA		NA		NA
Bromochloromethane		NA		NA		NA
Bromodichloromethane		NA		NA		NA
Bromoform		NA		NA		NA
Bromomethane		NA		NA		NA
Carbon Disulfide		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
Chlorobenzene		NA		NA		NA
Chloroethane		NA		NA		NA
Chloroform		NA		NA		NA
Chloromethane		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA
cis-1,3-Dichloropropene		NA		NA		NA
Dibromochloromethane		NA		NA		NA
Ethylbenzene		NA		NA		NA
Methylene Chloride		NA		NA		NA
Styrene		NA		NA		NA
Tetrachloroethene		NA		NA		NA
Toluene		NA		NA		NA
Total Xylenes		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA
Trichloroethene		NA		NA		NA
Vinyl Chloride		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)						
1,1,1-Trichloroethane		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA
Benzene		NA		NA		NA
Chlorobenzene		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA
Ethylbenzene		NA		NA		NA
m&p-Xylene		NA		NA		NA
o-Xylene		NA		NA		NA
Tetrachloroethene		NA		NA		NA
Toluene		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA
Trichloroethene		NA		NA		NA
Vinyl Chloride		NA		NA		NA
Semivolatile Organic Analysis (UG/L)						
1,1'-Biphenyl	10	U	10	U	10	U
1,2,4-Trichlorobenzene		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U

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Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
2,4,5-Trichlorophenol	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U
4-Nitrophenol	25	UJ	25	UJ	25	U
Acenaphthene	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U
Acetophenone	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U
Atrazine	10	UJ	10	UJ	10	UJ
Benzaldehyde	10	U	10	U	10	U
Benzo(a)anthracene	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	4		2	J	10	U
Butylbenzylphthalate	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U

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Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
Chrysene	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	UJ	10	U
Hexachlorocyclopentadiene	10	UJ	10	UJ	10	U
Hexachloroethane	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U
Pentachlorophenol	25	UJ	25	UJ	25	U
Phenanthrene	10	U	10	U	10	U
Phenol	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U
Total PAH		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)						
Acenaphthylene	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U
Chrysene	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U
Phenanthrene	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)						
4,4'-DDD	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U

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Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
alpha-Chlordane	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)						
1,2,3,4,6,7,8-HpCDD	4.1	U	4.1	U	3.4	U
1,2,3,4,6,7,8-HpCDF	2.0	U	2.0	U	1.9	U
1,2,3,4,7,8,9-HpCDF	2.5	U	2.5	U	2.4	U
1,2,3,4,7,8-HxCDD	2.0	U	2.0	U	1.7	U
1,2,3,4,7,8-HxCDF	1.3	U	1.3	U	1.0	U
1,2,3,6,7,8-HxCDD	2.0	U	2.0	U	1.7	U
1,2,3,6,7,8-HxCDF	1.2	U	1.2	U	1.0	U
1,2,3,7,8,9-HxCDD	1.9	U	1.9	U	1.7	U
1,2,3,7,8,9-HxCDF	1.7	U	1.7	U	1.4	U
1,2,3,7,8-PeCDD	1.7	U	1.7	U	1.4	U
1,2,3,7,8-PeCDF	1.1	U	1.1	U	1.0	U
2,3,4,6,7,8-HxCDF	1.4	U	1.4	U	1.1	U
2,3,4,7,8-PeCDF	1.1	U	1.1	U	1.0	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
2,3,7,8-TCDD	1.3	U	1.3	U	1.1	U
2,3,7,8-TCDF	1.1	U	1.1	U	0.90	U
OCDD	7.9	UJ	7.9	UJ	6.9	UJ
OCDF	6.2	UJ	6.2	UJ	5.4	UJ
Total HpCDD	4.1	UJ	4.1	UJ	3.4	UJ
Total HpCDF	2.2	UJ	2.2	UJ	2.1	UJ
Total HxCDD	1.9	UJ	1.9	UJ	1.7	UJ
Total HxCDF	1.4	UJ	1.4	UJ	1.1	UJ
Total PeCDD	1.7	UJ	1.7	UJ	1.4	UJ
Total PeCDF	1.1	UJ	1.1	UJ	1.0	UJ
Total TCDD	1.7		2.7	UEMPC	2.4	UEMPC
Total TCDF	1.1	UJ	1.1	UJ	0.90	UJ
Toxicity Equivalency	0.00	UJ	0.00	UJ	0.00	UJ
TAL Metal Analysis (UG/L)						
Aluminum		NA	116	UJ	120	UJ
Antimony		NA	9.9	U	9.9	U
Arsenic		NA	12.8		11.6	
Barium		NA	44.0		44.4	
Beryllium		NA	0.90	U	0.90	U
Cadmium		NA	0.70	U	0.70	U
Calcium		NA	102000		102000	
Chromium		NA	0.60	U	0.60	U
Cobalt		NA	6.9	U	6.9	U
Copper		NA	5.8	U	5.8	U
Cyanide		NA		NA		NA
Iron		NA	1940		1930	
Lead		NA	2.4	U	2.4	U
Magnesium		NA	26400		26500	
Manganese		NA	796		796	
Mercury		NA	0.10	U	0.10	U
Nickel		NA	5.3	U	5.3	U
Potassium		NA	9190		9310	
Selenium		NA	4.3	U	4.3	U
Silver		NA	1.3	U	1.3	U
Sodium		NA	32100		32200	
Thallium		NA	4.2	U	4.2	U
Vanadium		NA	5.9	U	5.9	U
Zinc		NA	5.5	U	5.5	U
Wet Chemistry Analysis						
Alkalinity		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-112M-07-AVG		OU2-MW-112M-07		OU2-MW-DUP01-07	
Sample Location	MW-112M		MW-112M		MW-112M	
Date Sampled	12/6/2002		12/6/2002		12/6/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07		Field Dup. OU2-MW-112M-07	
Zone	Overburden		Overburden		Overburden	
Carbon Dioxide		NA		NA		NA
Chloride		NA		NA		NA
Ferrous Iron		NA		NA		NA
Nitrate		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA
Nitrite-N		NA		NA		NA
Sulfate		NA		NA		NA
Sulfide		NA		NA		NA
Total Organic Carbon		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	410			NA	360		380		290	*	10	U
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	100	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	4	J		NA	4	J	100	U	4	J	10	U
1,1-Dichloroethane	410			NA	280		260		240	*	10	U
1,1-Dichloroethene	440			NA	290		330		270	*	2	J
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	5	J		NA	4	J	100	U	5	J	10	U
1,2-Dichloroethene (total)	1400			NA	1100		1200		810	*	10	U
1,2-Dichloropropane	10	U		NA	10	U	100	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U		NA	10	U	100	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U		NA	10	U	100	U	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		NA	10	U	100	U	10	UJ	10	U
Acetone	10	UJ		NA	10	U	100	U	10	U	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	52	J		NA	40		39	J	22		10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA	10	U	100	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Bromoform	10	U		NA	10	U	100	U	10	U	10	U
Bromomethane	10	U		NA	10	U	100	U	10	U	10	U
Carbon Disulfide	1	J		NA	10	U	100	U	10	U	10	U
Carbon Tetrachloride	10	U		NA	10	U	100	U	10	U	10	U
Chlorobenzene	31	J		NA	23		24	J	21	U	10	U
Chloroethane	10	J		NA	8	J	100	U	6	J	10	U
Chloroform	3	J		NA	2	J	100	U	10	U	10	U
Chloromethane	10	UJ		NA	10	U	100	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U		NA	10	U	100	U	10	U	10	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	10	U		NA	10	U	100	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U		NA	10	U	100	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	10	U		NA	10	U	100	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA	10	U	100	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	7	J		NA	5	J	100	U	5	J	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U		NA	10	U	100	U	1	J	10	U
Total Xylenes	10	U		NA	10	U	100	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U		NA	10	U	100	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Trichloroethene	2200			NA	1200		1200		950	*	10	U
Trichlorofluoromethane		NA		NA		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	110	J		NA	100		120		74		10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U		R	25	UJ	25	U	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	UJ	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	UJ	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	UJ	25	U	25	U	25	U	2	J	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA		NA
Aniline		NA		NA		NA		NA		NA		NA
Anthracene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	10	U	10	U	10	U
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	UJ	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U	10	U	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.011	J
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	0.56	U	0.56	U	0.56	U	1.1	U	1.1	U
Aroclor-1016	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	1.0	U	1.0	U	1.0	U	2.0	U	2.0	U
Aroclor-1232	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1260	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1262	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
Aroclor-1268	1.0	U	0.50	U	0.50	U	0.50	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.087	
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	UJ	0.10	U		R	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.0054	J
gamma-Chlordane	0.050	U	0.050	U	0.0020	J	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor Epoxide	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	134			R	182	U	30.0	UJ	17.0	U	57.0	
Antimony	14.7	U	28.5	U	11.2	U	18.8	U	4.6	UJ	3.3	U
Arsenic	7.5	U	3.2	J	7.6	U	9.3	U	6.7		3.8	U
Barium	43.8		45.3		43.9		34.8		33.4		30.8	
Beryllium	0.40	U	0.20	U	0.30	U	0.20	U	1.0	U	1.3	
Cadmium	1.1	U	3.9	UJ	1.4	U	1.1	U	1.0	U	0.80	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SP-MW-113B-01		RM-SP-MW-113B-02		RM-SP-MW-113B-03		RM-SP-MW-113B-04		OU2-MW-113B-05		OU2-MW-113B-06	
Sample Location	MW-113B		MW-113B		MW-113B		MW-113B		MW-113B		MW-113B	
Date Sampled	5/17/1994		8/24/1994		11/30/1994		3/29/1995		11/12/1997		11/19/1998	
Interval	96.5-106.5		96.5-106.5		96.5-106.5		96.5-106.5		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Bedrock		Bedrock	
Calcium	153000		146000		150000		145000		139000		121000	
Chromium	6.7	U	2.8	UJ	1.9	UJ	5.7	UJ	3.4		2.8	
Cobalt	135		122		162		200		99.9	J	111	
Copper	7.4	U	3.0	U	2.1	U	3.9	UJ	2.0	U	6.5	
Iron	28000	J	24300		25000		27400		11200		11300	
Lead	7.5	UJ	1.7	J	1.5	UJ	0.40	UJ	1.4	UJ	5.0	
Magnesium	252000		244000		254000		242000		247000		216000	
Manganese	55400		55600		49600		57100		28800		28700	
Mercury	0.20	U	0.20	U	0.28	J	0.20	U	0.10	U	0.10	U
Nickel	35.7		24.6	J	22.0		33.3		21.9	J	18.1	
Potassium	55300		63000		56700		52700		57400	J	53000	
Selenium	10.5	U	10.0	U	2.5	UJ	2.8	J	15.5		4.7	
Silver	3.6	U	11.7	J	2.4	UJ	15.0		1.9	J	2.7	
Sodium	1270000		1460000		1410000		1240000		1570000		1330000	
Thallium	11.0	U	1.0	J	1.7	U	3.1	U	3.0	U	3.3	U
Vanadium	4.3	UJ	3.5	U	2.3	U	2.9	U	1.0	UJ	1.4	U
Zinc	84.5		25.8	U	30.4	U	224		217		21.6	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	194		207	
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	2750		2550	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.10	U	0.050	U
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	1040		1070	
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	300		10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA		NA		NA
1,1,2-Trichloroethane	3	J	10	U	10	U	10	U	10	U
1,1-Dichloroethane	220		36		17		12		8	J
1,1-Dichloroethene	360	*	3	J	10	U	10	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA		NA		NA
1,2-Dibromoethane	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA
1,2-Dichloroethane	3	J	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	54		16.5		9	J	7	J
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA
1,4-Dioxane	460	J		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	UJ	5	J	10	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	33		10	U	10	U	10	U
Acetone	10	UJ	10	U	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10		6	J	10	U	2	J	3	J
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	UJ	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	16		1	J	10	U	10	U	10	U
Chloroethane	4	J	10	U	10	U	10	U	10	U
Chloroform	2	J	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	UJ	10	U	10	U	10	U
cis-1,2-Dichloroethene	830	*		NA		NA		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether	1	J		NA		NA		NA		NA
Methylcyclohexane	1	J		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	3	J	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	700	*	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	U		NA		NA		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	85		27		16		7	J	5	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA		NA		NA
Ethene	11.0			NA		NA		NA		NA
Methane	570			NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene		NA	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U		R	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	UJ
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	UJ
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	UJ	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	1	J	25	UJ	25	U	25	U	25	U
Acenaphthene	10	U	13		19		13		17	
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA		NA		NA		NA
Aniline		NA		NA		NA		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	UJ
Atrazine	10	U		NA		NA		NA		NA
Benzaldehyde	10	U		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzoic acid		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	2	J	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Caprolactam	10	U		NA		NA		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	UJ	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U
Diphenylhydrazine		NA		NA		NA		NA		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	3	J	4.5		3	J	3	J
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ	10	U	10	U	10	UJ	10	UJ
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	UJ	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	UJ	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	UJ	10	U	10	U	10	U
Total PAH		NA	16		23.5		16		20	
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA	0.0010	J
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total		NA	1.1	U	0.56	U		NA	0.56	U
Aroclor-1016	1.0	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1221	0.25	U	2.0	U	1.0	U		NA	1.0	U
Aroclor-1232	1.0	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1242	1.0	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1248	1.0	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1254	0.25	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1260	0.25	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1262	0.28	U	1.0	U	0.50	U		NA	0.50	U
Aroclor-1268	1.0	U	1.0	U	0.50	U		NA	0.50	U
beta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U
Dieldrin	0.050	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	0.050	U	0.10	U	0.10	U		NA	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U		NA	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U		NA	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U		NA	5.0	U
Pesticide Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	1.6	U		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	0.80	U		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	1.0	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	0.80	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	0.50	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	0.80	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	0.50	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	0.80	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	0.70	U		NA		NA		NA		NA
1,2,3,7,8-PeCDD	0.80	U		NA		NA		NA		NA
1,2,3,7,8-PeCDF	0.50	U		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	0.50	U		NA		NA		NA		NA
2,3,4,7,8-PeCDF	0.50	U		NA		NA		NA		NA
2,3,7,8-TCDD	0.60	U		NA		NA		NA		NA
2,3,7,8-TCDF	0.50	U		NA		NA		NA		NA
OCDD	7.3	J		NA		NA		NA		NA
OCDF	2.2	UJ		NA		NA		NA		NA
Total HpCDD	1.6	UJ		NA		NA		NA		NA
Total HpCDF	0.90	UJ		NA		NA		NA		NA
Total HxCDD	0.80	UJ		NA		NA		NA		NA
Total HxCDF	0.50	UJ		NA		NA		NA		NA
Total PeCDD	0.80	UJ		NA		NA		NA		NA
Total PeCDF	0.50	UJ		NA		NA		NA		NA
Total TCDD	0.60	UJ		NA		NA		NA		NA
Total TCDF	0.50	UJ		NA		NA		NA		NA
Toxicity Equivalency	0.00073	J		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	108	UJ	42.7	J	24.5	U	85.8	U	59.2	U
Antimony	9.9	U	14.7	UJ	21.375		11.2	U	18.8	U
Arsenic	5.0	U	4.4	J	2.05		4.0	U	4.7	U
Barium	45.3		66.2	J	47.15		46.6		45.6	
Beryllium	0.90	U	0.48	UJ	0.20	U	0.32	UJ	0.68	U
Cadmium	0.70	UJ	1.1	UJ	3.9	U	1.4	U	1.1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113B-07		SP-MW-113M-01		RM-SP-MW-113M-02-AVG		RM-SP-MW-113M-03		RM-SP-MW-113M-04	
Sample Location	MW-113B		MW-113M		MW-113M		MW-113M		MW-113M	
Date Sampled	12/6/2002		5/17/1994		8/24/1994		11/30/1994		3/29/1995	
Interval	0.0-0.0		28.0-38.0		28.0-38.0		28.0-38.0		28.0-38.0	
QC Identifier	None		None		Field Duplicate 1014		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden	
Calcium	186000		67900	J	67850		69500		71100	
Chromium	2.1		5.2	UJ	2.8	U	4.6	U	5.7	UJ
Cobalt	77.8		2.1	UJ	4.1	U	3.1	U	2.4	U
Copper	5.8	U	6.9	UJ	3.0	U	2.1	U	3.9	UJ
Iron	12300		9280	J	10500		11000		11000	
Lead	2.4	U	1.5	UJ	2.2		1.1	UJ	0.68	UJ
Magnesium	344000		70500	J	60850		61800		65100	
Manganese	40200		1810	J	1965		1970		1980	
Mercury	0.10	U	0.20	UJ	0.20	U	0.40		0.20	U
Nickel	18.4		6.5	UJ	13.3	U	3.5	U	5.2	U
Potassium	84000		23300	J	21750		20800		21200	
Selenium	4.3	U	2.1	UJ	1.0	U	2.5	UJ	2.8	U
Silver	4.8		3.6	UJ	2.05		2.4	UJ	1.8	U
Sodium	1830000		369000	J	328000		300000		330000	
Thallium	4.2	UJ	2.2	UJ	0.90	U	1.7	U	4.6	J
Vanadium	5.9	U	4.8	UJ	3.5	U	2.8	J	2.9	U
Zinc		R	88.9	J	32.65		195		34.6	UJ
Wet Chemistry Analysis										
Alkalinity	170			NA		NA		NA		NA
Carbon Dioxide	183	J		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	3360			NA		NA		NA		NA
Ferrous Iron	1.15			NA		NA		NA		NA
Nitrate	0.050	U		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N	0.050	U		NA		NA		NA		NA
Sulfate	5.0	U		NA		NA		NA		NA
Sulfide	0.50	U		NA		NA		NA		NA
Total Organic Carbon	2.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	22		10	U	2	J	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA
1,2-Dibromoethane		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	43.5		4	J		NA	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dioxane		NA		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	UJ	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	UJ	10	UJ	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	4		10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	4		10	U	10	U	10	U	10	U
Chloroethane	1		10	U	10	U	10	U	10	UJ
Chloroform	10	U	10	U	10	U	2	J	10	U
Chloromethane	10	U	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene		NA		NA	1	J		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA	2	J		NA		NA
Methylcyclohexane		NA		NA	10	U		NA		NA
Methylene Chloride	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	10	U	10	U	10	U	10	U	10	U
Trichlorofluoromethane		NA		NA	10	U		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	11.5		10	U	2		10	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	10.0	U		NA		NA
Ethene		NA		NA	10.0	U		NA		NA
Methane		NA		NA	3000			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	25		2	J
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	UJ	25	UJ	25	U
Acenaphthene	11.5		6	J	9	J	4	J	5	J
Acenaphthylene	10	U	10	U	10	U	8	J	10	
Acetophenone		NA		NA	10	U		NA		NA
Aniline		NA		NA		NA		NA		NA
Anthracene	10	U	10	U	10	U	2	J	10	UJ
Atrazine		NA		NA	10	U		NA		NA
Benzaldehyde		NA		NA	10	U		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	UJ	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzoic acid		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	11	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	8	J	18	
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	UJ	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	6	J	9	J
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ
Diphenylhydrazine		NA		NA		NA		NA		NA
Fluoranthene	10	U	10	U	10	U	2	J	2	J
Fluorene	3		1	J	10	U	13		16	
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	UJ	10	U	10	U
Hexachlorocyclopentadiene		NA	10	U	10	UJ	10	U	10	UJ
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	UJ	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	9	J
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	UJ	25	U	25	U
Phenanthrene	10	U	10	U	10	U	2	J	13	
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	1	J	2	J
Total PAH	14.5		7			NA	32		57	
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.0087	J	0.10	U	0.10	U	0.013	J
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.023	J	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U	1.1	U		NA	1.1	U	0.56	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	0.50	UJ
Aroclor-1221	2.0	U	2.0	U	0.25	U	2.0	U	1.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
Aroclor-1254	1.0	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1260	1.0	U	1.0	U	0.25	U	1.0	U	0.50	U
Aroclor-1262	1.0	U	1.0	U	0.28	U	1.0	U	0.50	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	0.50	U
beta-BHC	0.050	U	0.012	J	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.10	U	0.050	U	0.10	U	0.0048	J
Endosulfan I	0.050	U	0.0062	J	0.050	U	0.050	U	0.050	U
Endosulfan II		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.0040	J	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.0022	J	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.050	U	0.020	U	0.050	U	0.0045	J
Heptachlor Epoxide	0.050	U	0.050	U	0.020	U	0.050	U	0.028	J
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Pesticide Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA	6.7	U		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	3.8	U		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	4.6	U		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA	3.0	U		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA	2.0	U		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA	3.1	U		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA	2.0	U		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA	3.0	U		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA	2.4	U		NA		NA
1,2,3,7,8-PeCDD		NA		NA	2.1	U		NA		NA
1,2,3,7,8-PeCDF		NA		NA	1.5	U		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA	2.2	U		NA		NA
2,3,4,7,8-PeCDF		NA		NA	1.6	U		NA		NA
2,3,7,8-TCDD		NA		NA	1.9	U		NA		NA
2,3,7,8-TCDF		NA		NA	1.6	U		NA		NA
OCDD		NA		NA	12.8	U		NA		NA
OCDF		NA		NA	9.3	U		NA		NA
Total HpCDD		NA		NA	6.7	UJ		NA		NA
Total HpCDF		NA		NA	4.2	UJ		NA		NA
Total HxCDD		NA		NA	3.0	UJ		NA		NA
Total HxCDF		NA		NA	2.1	UJ		NA		NA
Total PeCDD		NA		NA	2.1	UJ		NA		NA
Total PeCDF		NA		NA	1.6	UJ		NA		NA
Total TCDD		NA		NA	1.9	UJ		NA		NA
Total TCDF		NA		NA	1.6	UJ		NA		NA
Toxicity Equivalency		NA		NA	0.00	UJ		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	43.95		193		116	UJ	20.9	UJ	21.3	U
Antimony	6.15	U	3.3	U	9.9	U	14.7	UJ	36.5	U
Arsenic	5.3		5.3		5.0	U	4.1	J	7.7	
Barium	54.95		52.0		60.2		21.7	J	18.5	
Beryllium	1.0	U	0.72		0.90	U	0.40	UJ	0.20	U
Cadmium	1.0	U	0.80	U	0.70	U	1.1	UJ	3.9	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-113M-05-AVG		OU2-MW-113M-06		OU2-MW-113M-07		BC-MW-120-01		RM-BC-MW-120-02	
Sample Location	MW-113M		MW-113M		MW-113M		MW-120S		MW-120S	
Date Sampled	11/12/1997		11/19/1998		12/6/2002		5/17/1994		8/25/1994	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		11.9-21.9		11.9-21.9	
QC Identifier	Field Duplicate 4		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	80000		70400		80700		22900	J	30500	
Chromium	1.0	U	1.9		1.2		2.5	UJ	3.3	U
Cobalt	1.3	U	0.74		6.9	U	2.1	UJ	4.1	U
Copper	2.0	U	4.8		5.8	U	3.6	UJ	3.5	U
Iron	8870		8550		12000		851	J	874	
Lead	1.0	U	3.2		2.4	U	1.5	UJ	1.0	U
Magnesium	68250		60700		60700		54100	J	53200	
Manganese	2550		2670		3870		411	J	579	
Mercury	0.10	U	0.10	U	0.10	U	0.20	UJ	0.20	U
Nickel	1.0	U	1.6	U	5.3	U	6.5	UJ	13.3	UJ
Potassium	29600		26800		28800		15700	J	18400	
Selenium	3.0	U	3.4	U	4.3	U	2.1	UJ	0.70	U
Silver	1.0	U	1.0	U	1.3	U	3.6	UJ	2.6	U
Sodium	392000		357000		438000		112000	J	136000	
Thallium	3.0	U	3.3	U	4.2	U	2.8	UJ	0.90	U
Vanadium	1.85		1.8		5.9	U	2.2	UJ	3.5	U
Zinc	135		24.2		5.5	U	12.0	UJ	26.3	U
Wet Chemistry Analysis										
Alkalinity	380		364		364			NA		NA
Carbon Dioxide		NA		NA	412	J		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	639.5		621		561			NA		NA
Ferrous Iron		NA		NA	0.80			NA		NA
Nitrate		NA		NA		R		NA		NA
Nitrate-Nitrite (as N)	0.10	U	0.060	U		NA		NA		NA
Nitrite-N		NA		NA		R		NA		NA
Sulfate	5.0	U	5.0	U	5.0	U		NA		NA
Sulfide		NA		NA	0.60			NA		NA
Total Organic Carbon		NA		NA	2.0	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	28			NA	350	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U		NA	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U	10	U	10	U		NA	100	U
1,1-Dichloroethane	10	U	10	U	6	J		NA	380	
1,1-Dichloroethene	10	U	10	U	15	U		NA	230	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA
1,2-Dibromoethane		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U	10	U	10	U		NA	100	U
1,2-Dichloroethene (total)	10	U	10	U		NA		NA	610	
1,2-Dichloropropane	10	U	10	U	10	U		NA	100	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA
1,4-Dioxane		NA		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U		NA	100	UJ
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U		NA	100	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	UJ		NA	100	UJ
Acetone	10	U	10	U	10	U		NA	100	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U		NA	100	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U		NA	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U	10	U	10	U		NA		R
Bromomethane	10	U	10	U	10	U		NA	100	U
Carbon Disulfide	10	U	10	U	10	U		NA	100	U
Carbon Tetrachloride	10	U	10	U	10	U		NA	100	U
Chlorobenzene	10	U	10	U	10	U		NA	100	U
Chloroethane	10	U	10	U	10	U		NA	100	UJ
Chloroform	10	U	10	U	10	U		NA	100	U
Chloromethane	10	U	10	U	10	U		NA	100	U
cis-1,2-Dichloroethene		NA		NA	9	J		NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U		NA	100	U
Cyclohexane		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U	10	U	10	U		NA		R
Dibromomethane		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U		NA	100	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA	10	U		NA		NA
Methylcyclohexane		NA		NA	10	U		NA		NA
Methylene Chloride	10	U	10	U	10	UJ		NA	100	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U		NA	100	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U		NA	100	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U		NA	100	U
Total Xylenes	10	U	10	U	10	U		NA	100	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U		NA	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	10	U	10	U	23			NA	1200	
Trichlorofluoromethane		NA		NA	10	U		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	10	U	1	U		NA	100	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA	2.7		500	U
1,1-Dichloroethane		NA		NA		NA	1	U	500	U
1,1-Dichloroethene		NA		NA		NA	1	U	500	U
1,2-Dichloroethane		NA		NA		NA	1	U	500	U
Benzene		NA		NA		NA	1	U	500	U
Chlorobenzene		NA		NA		NA	1	U	500	U
cis-1,2-Dichloroethene		NA		NA		NA	1	U	500	U
Ethylbenzene		NA		NA		NA	1	U	500	U
m&p-Xylene		NA		NA		NA	1	U	500	U
o-Xylene		NA		NA		NA	1	U	500	U
Tetrachloroethene		NA		NA		NA	1	U	500	U
Toluene		NA		NA		NA	1.2		500	U
trans-1,2-Dichloroethene		NA		NA		NA	1	U	500	U
Trichloroethene		NA		NA		NA	1.7		1200	
Vinyl Chloride		NA		NA		NA	1	U	500	U
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA

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Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol		R	25	UJ	25	UJ		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	10	U	10	UJ	10	U		NA		NA
2-Chlorophenol	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	5	J	2	J	10	U		NA		NA
2-Methylphenol	10	U	10	U	10	U		NA		NA
2-Nitroaniline	25	U	25	U	25	U		NA		NA
2-Nitrophenol	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	10	U	10	UJ	10	U		NA		NA
3-Nitroaniline	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA
4-Chloroaniline	10	U	10	UJ	10	UJ		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA		NA
4-Methylphenol	10	U	10	U	10	U		NA		NA
4-Nitroaniline	25	U	25	U	25	UJ		NA		NA
4-Nitrophenol	25	U	25	U	25	U		NA		NA
Acenaphthene	3	J	10	U	10	U		NA		NA
Acenaphthylene	8	J	2	J	10	U		NA		NA
Acetophenone		NA		NA	10	U		NA		NA
Aniline		NA		NA		NA		NA		NA
Anthracene	10	U	10	UJ	10	U		NA		NA
Atrazine		NA		NA	10	U		NA		NA
Benzaldehyde		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	10	U	10	U	10	U		NA		NA
Benzo(k)fluoranthene	10	U	10	U	10	U		NA		NA
Benzoic acid		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	10	U	10	U	10	U		NA		NA

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Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA	10	UJ		NA		NA
Carbazole	7	J	1	J	10	U		NA		NA
Chrysene	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA		NA
Dibenzofuran	7	J	2	J	10	U		NA		NA
Diethylphthalate	10	U	10	U	10	U		NA		NA
Dimethylphthalate	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	10	U	10	U	10	U		NA		NA
Diphenylhydrazine		NA		NA		NA		NA		NA
Fluoranthene	2	J	10	U	10	U		NA		NA
Fluorene	2	J	1	J	10	U		NA		NA
Hexachlorobenzene	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	10	U	10	UJ	10	U		NA		NA
Hexachloroethane	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U		NA		NA
Isophorone	10	U	10	U	10	U		NA		NA
Naphthalene	25		10	U	10	U		NA		NA
Nitrobenzene	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA		NA
Pentachlorophenol	25	U	25	U	25	UJ		NA		NA
Phenanthrene	17		4	J	10	U		NA		NA
Phenol	10	U	10	U	10	U		NA		NA
Pyrene	1	J	10	U	10	U		NA		NA
Total PAH	58		7			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA	0.20	UJ		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)										

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Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC	0.050	U	0.050	U	0.050	UJ		NA		NA
alpha-Chlordane	0.0050	J	0.050	U	0.050	U		NA		NA
Aroclor, Total	0.56	U	0.56	U		NA		NA		NA
Aroclor-1016	0.50	U	0.50	U	1.0	U		NA		NA
Aroclor-1221	1.0	U	1.0	U	0.25	U		NA		NA
Aroclor-1232	0.50	U	0.50	U	1.0	U		NA		NA
Aroclor-1242	0.50	U	0.50	U	1.0	U		NA		NA
Aroclor-1248	0.50	U	0.50	U	1.0	U		NA		NA
Aroclor-1254	0.50	U	0.50	U	0.25	U		NA		NA
Aroclor-1260	0.50	U	0.50	U	0.25	U		NA		NA
Aroclor-1262	0.50	U	0.50	U	0.28	U		NA		NA
Aroclor-1268	0.50	U	0.50	U	1.0	U		NA		NA
beta-BHC	0.050	UJ	0.050	U	0.050	U		NA		NA
delta-BHC	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin	0.0030	J	0.10	U	0.072			NA		NA
Endosulfan I	0.050	UJ	0.050	U	0.050	U		NA		NA
Endosulfan II	0.10	UJ	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate	0.0070	J	0.10	U	0.10	U		NA		NA
Endrin	0.10	U	0.10	U	0.050	U		NA		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone	0.10	UJ	0.10	U	0.10	U		NA		NA
gamma-BHC	0.050	U	0.050	U	0.050	UJ		NA		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor	0.050	U	0.050	U	0.020	U		NA		NA
Heptachlor Epoxide	0.031	J	0.050	U	0.037			NA		NA
Methoxychlor	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene	5.0	U	5.0	U	5.0	U		NA		NA
Pesticide Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA

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Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	105	UJ	42.4	U	137	U		NA	24.8	U
Antimony	11.2	UJ	18.8	U	2.3	U		NA	4.7	U
Arsenic	12.7	UJ	10.3		4.8	U		NA	2.0	U
Barium	17.8	J	14.1	U	14.6			NA	195	U
Beryllium	0.30	UJ	0.20	U	0.11	UJ		NA	0.10	U
Cadmium	1.4	UJ	1.1	U	0.30	U		NA	0.30	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-BC-MW-0120-03		RM-BC-MW-120-04		OU2-MW-WA120AG-E512-541-07		OU2-DP13-1-1520		OU2-DP13-1-2530	
Sample Location	MW-120S		MW-120S		WA120AG		DP13-1		DP13-1	
Date Sampled	11/30/1994		3/29/1995		2/6/2003		8/15/1997		8/15/1997	
Interval	11.9-21.9		11.9-21.9		0.0-0.0		15.0-20.0		25.0-30.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	24100	J	25900		16200			NA	22900	
Chromium	1.7	UJ	5.7	UJ	0.60	U		NA	0.60	U
Cobalt	2.3	UJ	2.4	U	1.0	U		NA	3.9	
Copper	2.1	UJ	3.9	UJ	2.6	U		NA	9.7	U
Iron	3300	J	4900		18.7	U		NA	807	
Lead	1.1	UJ	0.40	UJ	2.2	U		NA	9.0	UJ
Magnesium	53400	J	64800		4730			NA	14100	
Manganese	406	J	410		0.33	UJ		NA	339	
Mercury	1.2	J	0.20	U	0.10	U		NA	0.10	UJ
Nickel	3.5	UJ	5.2	U	1.4	J		NA	5.3	J
Potassium	18000	J	16800		3220			NA	4690	
Selenium	2.5	UJ	2.8	U	4.8	U		NA		R
Silver	2.4	UJ	1.8	U	0.60	U		NA	0.80	U
Sodium	129000	J	133000		25500			NA	50000	
Thallium	1.7	UJ	3.1	U	4.7	U		NA	3.4	U
Vanadium	2.3	UJ	2.9	U	0.50	U		NA	1.5	U
Zinc	17.7	UJ	13.6	UJ	1.4	U		NA	92.3	U
Wet Chemistry Analysis										
Alkalinity		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	1
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	1
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	1
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA		NA		NA	1
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	1
1,1-Dichloroethane		NA		NA		NA		NA		NA	1
1,1-Dichloroethene		NA		NA		NA		NA		NA	1
1,1-Dichloropropene		NA		NA		NA		NA		NA	1
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	1
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	1
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	1
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	1
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	1
1,2-Dibromoethane		NA		NA		NA		NA		NA	1
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	1
1,2-Dichloroethane		NA		NA		NA		NA		NA	1
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	1
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	1
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	1
1,3-Dichloropropane		NA		NA		NA		NA		NA	1
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	1
1,4-Dioxane		NA		NA		NA		NA		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	1
2-Butanone		NA		NA		NA		NA		NA	4
2-Chloroethylvinylether		NA		NA		NA		NA		NA	3
2-Chlorotoluene		NA		NA		NA		NA		NA	1
2-Hexanone		NA		NA		NA		NA		NA	0.6
4-Chlorotoluene		NA		NA		NA		NA		NA	1
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	0.5
Acetone		NA		NA		NA		NA		NA	3.4
Acrolein		NA		NA		NA		NA		NA	10
Acrylonitrile		NA		NA		NA		NA		NA	5
Benzene		NA		NA		NA		NA		NA	1
Bromobenzene		NA		NA		NA		NA		NA	1
Bromochloromethane		NA		NA		NA		NA		NA	1
Bromodichloromethane		NA		NA		NA		NA		NA	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromoform		NA		NA		NA		NA		NA	1
Bromomethane		NA		NA		NA		NA		NA	1
Carbon Disulfide		NA		NA		NA		NA		NA	3
Carbon Tetrachloride		NA		NA		NA		NA		NA	1
Chlorobenzene		NA		NA		NA		NA		NA	1
Chloroethane		NA		NA		NA		NA		NA	1
Chloroform		NA		NA		NA		NA		NA	0.84
Chloromethane		NA		NA		NA		NA		NA	1
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	1
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	1
Cyclohexane		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	1
Dibromomethane		NA		NA		NA		NA		NA	1
Dichlorobenzene Isomers		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA		NA		NA		NA	1
Ethyl Ether		NA		NA		NA		NA		NA	3
Ethylbenzene		NA		NA		NA		NA		NA	1
Hexachlorobutadiene		NA		NA		NA		NA		NA	1
Isopropylbenzene		NA		NA		NA		NA		NA	1
m&p-Xylene		NA		NA		NA		NA		NA	2
Methyl Acetate		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether		NA		NA		NA		NA		NA	1
Methylcyclohexane		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	1
Naphthalene		NA		NA		NA		NA		NA	1
N-Butylbenzene		NA		NA		NA		NA		NA	1
N-Propylbenzene		NA		NA		NA		NA		NA	1
o-Xylene		NA		NA		NA		NA		NA	1
p-Isopropyltoluene		NA		NA		NA		NA		NA	1
Sec-Butylbenzene		NA		NA		NA		NA		NA	1
Styrene		NA		NA		NA		NA		NA	1
Tert-Butylbenzene		NA		NA		NA		NA		NA	1
Tetrachloroethene		NA		NA		NA		NA		NA	1
Tetrahydrofuran		NA		NA		NA		NA		NA	7
Toluene		NA		NA		NA		NA		NA	1
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	1
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene		NA		NA		NA		NA		NA	1
Trichlorofluoromethane		NA		NA		NA		NA		NA	1
Vinyl Acetate		NA		NA		NA		NA		NA	6
Vinyl Chloride		NA		NA		NA		NA		NA	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	650		470		1.7		2.5		1	U	
1,1-Dichloroethane	500	U	220		1	U	2.2		1	U	
1,1-Dichloroethene	500	U	240		1	U	1.4		1	U	
1,2-Dichloroethane	500	U	50	U	1	U	1	U	1	U	
Benzene	500	U	50	U	1	U	1	U	1	U	
Chlorobenzene	500	U	50	U	1	U	1	U	1	U	
cis-1,2-Dichloroethene	500	U	310		1	U	3.2		1	U	
Ethylbenzene	500	U	50	U	1	U	1	U	1	U	
m&p-Xylene	500	U	50	U	1	U	1	U	1	U	
o-Xylene	500	U	50	U	1	U	1	U	1	U	
Tetrachloroethene	500	U	50	U	1	U	1	U	1	U	
Toluene	500	U	50	U	1	U	1	U	1	U	
trans-1,2-Dichloroethene	500	U	50	U	1	U	1	U	1	U	
Trichloroethene	1300		800		6.5		10		9.6		
Vinyl Chloride	500	U	50	U	1	U	1	U	1	U	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4-Dimethylphenol		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA	
Aniline		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Benzoic acid		NA		NA		NA		NA		NA	
Benzyl Alcohol		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Caprolactam		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA	
Diphenylhydrazine		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)											

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
Pesticide Analysis (UG/L)											
4,4'-DDD		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)											
Aluminum		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA	
Barium		NA		NA		NA		NA		NA	
Beryllium		NA		NA		NA		NA		NA	
Cadmium		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-DP13-1-3641		OU2-DP13-1-4550		OU2-DP13-3-1318		OU2-DP13-3-2328		OU2-DP13-3-3237		RM-GW-MW310S
Sample Location	DP13-1		DP13-1		DP13-3		DP13-3		DP13-3		188
Date Sampled	8/15/1997		8/15/1997		8/15/1997		8/15/1997		8/15/1997		3/8/2002
Interval	36.0-41.0		45.0-50.0		13.0-18.0		23.0-28.0		32.0-37.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Calcium		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA		NA		NA	
Cobalt		NA		NA		NA		NA		NA	
Copper		NA		NA		NA		NA		NA	
Iron		NA		NA		NA		NA		NA	
Lead		NA		NA		NA		NA		NA	
Magnesium		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA	
Nickel		NA		NA		NA		NA		NA	
Potassium		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA	
Zinc		NA		NA		NA		NA		NA	
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA	
Carbon Dioxide, Free		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Ferrous Iron		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,1,1-Trichloroethane	U	4.8		37			NA	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,1,2-Trichloroethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,1-Dichloroethane	U	1	U	5.8	L		NA	1	U	1	U	1	U
1,1-Dichloroethene	U	1		23			NA	1	U	1	U	1	U
1,1-Dichloropropene	U	1	U	10	U		NA	1	U	1	U	1	U
1,2,3-Trichlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,2,3-Trichloropropane	U	1	U	10	U		NA	1	U	1	U	1	U
1,2,4-Trichlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,2,4-Trimethylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	U	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dibromoethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dichlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dichloroethane	U	1	U	10	U		NA	1	U	1	U	1	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	U	1	U	10	U		NA	1	U	1	U	1	U
1,3,5-Trimethylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,3-Dichlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,3-Dichloropropane	U	1	U	10	U		NA	1	U	1	U	1	U
1,4-Dichlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	U	1	U	10	U		NA	1	U	1	U	1	U
2-Butanone	U	4	U	40	U		NA	4	U	4	U	4	U
2-Chloroethylvinylether	U	3	U	30	U		NA		NA		NA		NA
2-Chlorotoluene	U	1	U	10	U		NA	1	U	1	U	1	U
2-Hexanone	U	0.6	U	6	U		NA	0.6	U	0.6	U	0.6	U
4-Chlorotoluene	U	1	U	10	U		NA	1	U	1	U	1	U
4-Methyl-2-Pentanone	U	0.5	U	5	U		NA	0.5	U	0.5	U	0.5	U
Acetone	BJ	3	BJ	20	U		NA	2	U	2	U	2	U
Acrolein	U	10	U	100	U		NA	10	U	10	U	10	U
Acrylonitrile	U	5	U	50	U		NA	5	U	5	U	5	U
Benzene	U	1	U	10	U		NA	1	U	1	U	1	U
Bromobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
Bromochloromethane	U	1	U	10	U		NA	1	U	1	U	1	U
Bromodichloromethane	U	1	U	10	U		NA	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	U	1	U	10	U		NA	1	U	1	U	1	U
Bromomethane	U	1	U	10	U		NA	5	U	5	U	5	U
Carbon Disulfide	U	3	U	30	U		NA	3	U	3	U	3	U
Carbon Tetrachloride	U	1	U	10	U		NA	1	U	1	U	1	U
Chlorobenzene	U	1	U	10	U		NA	1	U	1	U	1	U
Chloroethane	U	1	U	10	U		NA	5	U	5	U	5	U
Chloroform	L	1	U	10	U		NA	1	U	1	U	1	U
Chloromethane	U	1	U	10	U		NA	5	U	5	U	5	U
cis-1,2-Dichloroethene	U	1	U	10			NA	1	U	1	U	1	U
cis-1,3-Dichloropropene	U	1	U	10	U		NA	1	U	1	U	1	U
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	U	1	U	10	U		NA	1	U	1	U	1	U
Dibromomethane	U	1	U	10	U		NA	1	U	1	U	1	U
Dichlorobenzene Isomers	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U	1	U	10	U		NA	1	U	1	U	1	U
Ethyl Ether	U	3	U	30	U		NA	3	U	3	U	3	U
Ethylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
Hexachlorobutadiene	U	1	U	10	U		NA	1	U	1	U	1	U
Isopropylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
m&p-Xylene	U	2	U	20	U		NA	2	U	2	U	2	U
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	U	1	U	10	U		NA	5	U	5	U	5	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	U	1	U	10	U		NA	1	U	1	U	1	U
Naphthalene	U	1	U	10	U		NA	1	U	1	U	1	U
N-Butylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
N-Propylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
o-Xylene	U	1	U	10	U		NA	1	U	1	U	1	U
p-Isopropyltoluene	U	1	U	10	U		NA	1	U	1	U	1	U
Sec-Butylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
Styrene	U	1	U	10	U		NA	1	U	1	U	1	U
Tert-Butylbenzene	U	1	U	10	U		NA	1	U	1	U	1	U
Tetrachloroethene	U	1	U	10	U		NA	4.4		1	U	1	U
Tetrahydrofuran	U	7	U	70	U		NA	7	U	7	U	7	U
Toluene	U	1	U	10	U		NA	1	U	1	U	1	U
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	U	1	U	10	U		NA	1	U	1	U	1	U
trans-1,3-Dichloropropene	U	1	U	10	U		NA	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	U	1	U	23			NA	1	U	1	U	1	U
Trichlorofluoromethane	U	1	U	10	U		NA	1	U	1	U	1	U
Vinyl Acetate	U	6	U	60	U		NA	6	U	6	U	6	U
Vinyl Chloride	U	1	U	10	U		NA	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2-Butanone	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA		NA
Acetone	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	NA		NA		NA		NA		NA		NA		NA
Bromoform	NA		NA		NA		NA		NA		NA		NA
Bromomethane	NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide	NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
Chloroethane	NA		NA		NA		NA		NA		NA		NA
Chloroform	NA		NA		NA		NA		NA		NA		NA
Chloromethane	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Styrene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA	0.5	U		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA	0.5	U		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA	0.5	U		NA		NA		NA
Chlorobenzene	NA		NA		NA	5	U		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA	1	U		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA	0.3	U		NA		NA		NA
Toluene	NA		NA		NA	2	U		NA		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA	0.5	U		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol	NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	NA		NA		NA		NA		NA		NA		NA
2-Methylphenol	NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline	NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA		NA		NA
4-Methylphenol	NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline	NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol	NA		NA		NA		NA		NA		NA		NA
Acenaphthene	NA		NA		NA		NA		NA		NA		NA
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Aniline	NA		NA		NA		NA		NA		NA		NA
Anthracene	NA		NA		NA		NA		NA		NA		NA
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzoic acid	NA		NA		NA		NA		NA		NA		NA
Benzyl Alcohol	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam	NA		NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Dibenzofuran	NA		NA		NA		NA		NA		NA		NA
Diethylphthalate	NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	NA		NA		NA		NA		NA		NA		NA
Diphenylhydrazine	NA		NA		NA		NA		NA		NA		NA
Fluoranthene	NA		NA		NA		NA		NA		NA		NA
Fluorene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA		NA		NA
Hexachloroethane	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Isophorone	NA		NA		NA		NA		NA		NA		NA
Naphthalene	NA		NA		NA		NA		NA		NA		NA
Nitrobenzene	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Phenol	NA		NA		NA		NA		NA		NA		NA
Pyrene	NA		NA		NA		NA		NA		NA		NA
Total PAH	NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA		NA
alpha-BHC	NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane	NA		NA		NA		NA		NA		NA		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	NA		NA		NA		NA		NA		NA		NA
Aroclor-1221	NA		NA		NA		NA		NA		NA		NA
Aroclor-1232	NA		NA		NA		NA		NA		NA		NA
Aroclor-1242	NA		NA		NA		NA		NA		NA		NA
Aroclor-1248	NA		NA		NA		NA		NA		NA		NA
Aroclor-1254	NA		NA		NA		NA		NA		NA		NA
Aroclor-1260	NA		NA		NA		NA		NA		NA		NA
Aroclor-1262	NA		NA		NA		NA		NA		NA		NA
Aroclor-1268	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Endosulfan I	NA		NA		NA		NA		NA		NA		NA
Endosulfan II	NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA		NA
Endrin	NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	NA		NA		NA		NA		NA		NA		NA
Endrin Ketone	NA		NA		NA		NA		NA		NA		NA
gamma-BHC	NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Methoxychlor	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Pesticide Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA		NA		NA
4,4'-DDE	NA		NA		NA		NA		NA		NA		NA
4,4'-DDT	NA		NA		NA		NA		NA		NA		NA
Aldrin	NA		NA		NA		NA		NA		NA		NA
beta-BHC	NA		NA		NA		NA		NA		NA		NA
delta-BHC	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	NA		NA		NA		NA		NA		NA		NA
Heptachlor	NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA		NA
Toxaphene	NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA		NA		NA
Antimony	NA		NA		NA		NA		NA		NA		NA
Arsenic	NA		NA		NA		NA		NA		NA		NA
Barium	NA		NA		NA		NA		NA		NA		NA
Beryllium	NA		NA		NA		NA		NA		NA		NA
Cadmium	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		RM-GW-MW102S		RM-GW-WA120		GW-201-0025		RM-GW201-0040		RM-GW201-0030		RM-GW201-0025	
Sample Location		189		191		201		201		201		201	
Date Sampled		3/8/2002		3/8/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	NA		NA		NA		NA		NA		NA		NA
Chromium	NA		NA		NA		NA		NA		NA		NA
Cobalt	NA		NA		NA		NA		NA		NA		NA
Copper	NA		NA		NA		NA		NA		NA		NA
Iron	NA		NA		NA		NA		NA		NA		NA
Lead	NA		NA		NA		NA		NA		NA		NA
Magnesium	NA		NA		NA		NA		NA		NA		NA
Manganese	NA		NA		NA		NA		NA		NA		NA
Mercury	NA		NA		NA		NA		NA		NA		NA
Nickel	NA		NA		NA		NA		NA		NA		NA
Potassium	NA		NA		NA		NA		NA		NA		NA
Selenium	NA		NA		NA		NA		NA		NA		NA
Silver	NA		NA		NA		NA		NA		NA		NA
Sodium	NA		NA		NA		NA		NA		NA		NA
Thallium	NA		NA		NA		NA		NA		NA		NA
Vanadium	NA		NA		NA		NA		NA		NA		NA
Zinc	NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	1	U		NA		NA		NA	10	U	10	U
1,1,2,2-Tetrachloroethane	1	U		NA		NA		NA	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U		NA		NA		NA		NA	10	U
1,1,2-Trichloroethane	1	U		NA		NA		NA	10	U	10	U
1,1-Dichloroethane	1	U		NA		NA		NA	10	U	10	U
1,1-Dichloroethene	1	U		NA		NA		NA	10	U	0.9	U
1,1-Dichloropropene	1	U		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	1	U		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	1	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	1	U		NA		NA		NA		NA	10	U
1,2,4-Trimethylbenzene	1	U		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	1	U		NA		NA		NA		NA	10	U
1,2-Dibromoethane	1	U		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene	1	U		NA		NA		NA		NA	10	U
1,2-Dichloroethane	1	U		NA		NA		NA	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA	10	U		NA
1,2-Dichloropropane	1	U		NA		NA		NA	10	U	10	U
1,3,5-Trimethylbenzene	1	U		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	1	U		NA		NA		NA		NA	10	U
1,3-Dichloropropane	1	U		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	1	U		NA		NA		NA		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane	1	U		NA		NA		NA		NA		NA
2-Butanone	4	U		NA		NA		NA	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	1	U		NA		NA		NA		NA		NA
2-Hexanone	0.6	U		NA		NA		NA	10	U	10	U
4-Chlorotoluene	1	U		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	0.5	U		NA		NA		NA	10	U	10	U
Acetone	1	J,B		NA		NA		NA	10	U	7	J
Acrolein	10	U		NA		NA		NA		NA		NA
Acrylonitrile	5	U		NA		NA		NA		NA		NA
Benzene	1	U		NA		NA		NA	10	U	10	U
Bromobenzene	1	U		NA		NA		NA		NA		NA
Bromochloromethane	1	U		NA		NA		NA		NA		NA
Bromodichloromethane	1	U		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Bromoform	1	U		NA		NA		NA	10	U	10	U
Bromomethane	5	U		NA		NA		NA	10	U	10	U
Carbon Disulfide	3	U		NA		NA		NA	10	U	10	U
Carbon Tetrachloride	1	U		NA		NA		NA	10	U	10	U
Chlorobenzene	1	U		NA		NA		NA	10	U	10	U
Chloroethane	5	U		NA		NA		NA	10	U	10	U
Chloroform	1	U		NA		NA		NA	10	U	10	U
Chloromethane	5	U		NA		NA		NA	10	U	10	U
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA	10	U
cis-1,3-Dichloropropene	1	U		NA		NA		NA	10	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	1	U		NA		NA		NA	10	U	10	U
Dibromomethane	1	U		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	1	U		NA		NA		NA		NA	10	UJ
Ethyl Ether	3	U		NA		NA		NA		NA		NA
Ethylbenzene	1	U		NA		NA		NA	10	U	10	U
Hexachlorobutadiene	1	U		NA		NA		NA		NA		NA
Isopropylbenzene	1	U		NA		NA		NA		NA	10	U
m&p-Xylene	2	U		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether	5	U		NA		NA		NA		NA	10	U
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	1	U		NA		NA		NA	10	U	10	U
Naphthalene	1	U		NA		NA		NA		NA		NA
N-Butylbenzene	1	U		NA		NA		NA		NA		NA
N-Propylbenzene	1	U		NA		NA		NA		NA		NA
o-Xylene	1	U		NA		NA		NA		NA		NA
p-Isopropyltoluene	1	U		NA		NA		NA		NA		NA
Sec-Butylbenzene	1	U		NA		NA		NA		NA		NA
Styrene	1	U		NA		NA		NA	10	U	10	U
Tert-Butylbenzene	1	U		NA		NA		NA		NA		NA
Tetrachloroethene	1	U		NA		NA		NA	10	U	10	U
Tetrahydrofuran	7	U		NA		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA	10	U	10	U
Total Xylenes		NA		NA		NA		NA	10	U	10	U
trans-1,2-Dichloroethene	1	U		NA		NA		NA		NA	10	U
trans-1,3-Dichloropropene	1	U		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Trichloroethene	1	U		NA		NA		NA	10	U	10	U
Trichlorofluoromethane	1	U		NA		NA		NA		NA	10	U
Vinyl Acetate	6	U		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA		NA		NA	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA	2.0	U	10.0	U
Ethene		NA		NA		NA		NA	3.0	U	10.0	
Methane		NA		NA		NA		NA	10.0		5.0	U
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	0.5	U	0.5	U	0.5	U		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA	0.5	U	0.5	U	0.5	U		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA	0.5	U	0.5	U	0.5	U		NA		NA
Chlorobenzene		NA	5	U	5	U	5	U		NA		NA
cis-1,2-Dichloroethene		NA	1	U	1	U	1	U		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	0.4		0.3	U	6.2			NA		NA
Toluene		NA	2	U	2	U	2	U		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA	0.5	U	0.5	U	0.5	U		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U
3-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U
4-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4-Nitrophenol		NA		NA		NA		NA	25	U	25	U
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Aniline		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	UJ	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	UJ
Benzo(k)fluoranthene		NA		NA		NA		NA	10	UJ	10	U
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole		NA		NA		NA		NA	10	U	10	U
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	UJ	10	U
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U	10	U
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	UJ
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.10	U
Aldrin		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA	0.050	U	0.050	U
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA	1.1	U		NA
Aroclor-1016		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA	2.0	U	0.25	U
Aroclor-1232		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1260		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1262		NA		NA		NA		NA	1.0	U	0.28	U
Aroclor-1268		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
delta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA	0.10	U	0.050	U
Endosulfan I		NA		NA		NA		NA	0.050	U	0.050	U
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA	0.10	U	0.050	U
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA	0.050	U	0.050	U
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA	0.050	U	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.020	U
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA	5.0	U	5.0	U
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA	11.1	U	56.7	U
Antimony		NA		NA		NA		NA	3.9	U	1.2	U
Arsenic		NA		NA		NA		NA	2.3	U	3.0	U
Barium		NA		NA		NA		NA	69.9		46.3	J
Beryllium		NA		NA		NA		NA	0.18	UJ	0.20	U
Cadmium		NA		NA		NA		NA	0.20	UJ	0.30	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW201-0020		GW-201-0030		GW-201-0020		GW-201-0040		OU2-MW-201B-01		OU2-MW-201B-07	
Sample Location	201		201		201		201		MW-201B		MW-201B	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		2/11/1999		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Calcium		NA		NA		NA		NA	386000		364000	
Chromium		NA		NA		NA		NA	14.5		0.80	U
Cobalt		NA		NA		NA		NA	20.4	J	0.70	UJ
Copper		NA		NA		NA		NA	2.0	U	1.5	U
Iron		NA		NA		NA		NA	104	U	239	
Lead		NA		NA		NA		NA	1.0	UJ	1.2	U
Magnesium		NA		NA		NA		NA	81700		59200	
Manganese		NA		NA		NA		NA	1680		898	
Mercury		NA		NA		NA		NA	0.10	U	0.10	U
Nickel		NA		NA		NA		NA	16.2	J	2.4	U
Potassium		NA		NA		NA		NA	11800		6540	J
Selenium		NA		NA		NA		NA	3.6	U	3.0	U
Silver		NA		NA		NA		NA	2.0	U	0.80	U
Sodium		NA		NA		NA		NA	43200		37100	J
Thallium		NA		NA		NA		NA	3.2	UJ	2.4	U
Vanadium		NA		NA		NA		NA	1.2	U	0.70	UJ
Zinc		NA		NA		NA		NA	130		1.1	UJ
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	164		144	
Carbon Dioxide		NA		NA		NA		NA	46.3		144	
Carbon Dioxide, Free		NA		NA		NA		NA	46.3			NA
Chloride		NA		NA		NA		NA	102		94.4	
Ferrous Iron		NA		NA		NA		NA	0.11		0.45	
Nitrate		NA		NA		NA		NA	0.050	U	0.050	U
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.050	U		NA
Nitrite-N		NA		NA		NA		NA	0.050	U	0.050	U
Sulfate		NA		NA		NA		NA	974		1060	
Sulfide		NA		NA		NA		NA	0.050	U	0.50	U
Total Organic Carbon		NA		NA		NA		NA		NA	2.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	5	U		NA		NA		NA	1	U		NA
1,1,1-Trichloroethane	5	U		NA	10	U	10	U	1	U		NA
1,1,2,2-Tetrachloroethane	5	U		NA	10	U	10	U	1	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U		NA		NA	10	U	1	U		NA
1,1,2-Trichloroethane	5	U		NA	10	U	10	U	1	U		NA
1,1-Dichloroethane	5	U		NA	10	U	10	U	1	U		NA
1,1-Dichloroethene	5	U		NA	10	U	0.9	U	1	U		NA
1,1-Dichloropropene		NA		NA		NA		NA	1	U		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA	1	U		NA
1,2,3-Trichloropropane		NA		NA		NA		NA	1	U		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	U	1	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA	1	U		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	U	1	U		NA
1,2-Dibromoethane	5	U		NA		NA	10	U	1	U		NA
1,2-Dichlorobenzene		NA		NA		NA	10	U	1	U		NA
1,2-Dichloroethane	5	U		NA	10	UJ	10	U	1	U		NA
1,2-Dichloroethene (total)	5	U		NA	10	U		NA		NA		NA
1,2-Dichloropropane	5	U		NA	10	U	10	U	1	U		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA	1	U		NA
1,3-Dichlorobenzene		NA		NA		NA	10	U	1	U		NA
1,3-Dichloropropane		NA		NA		NA		NA	1	U		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U	1	U		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA	1	U		NA
2-Butanone	20	U		NA	10	UJ	10	U	4	U		NA
2-Chloroethylvinylether	15	U		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA	1	U		NA
2-Hexanone	3	U		NA	10	UJ	10	U	0.6	U		NA
4-Chlorotoluene		NA		NA		NA		NA	1	U		NA
4-Methyl-2-Pentanone	3	U		NA	10	U	10	U	0.5	U		NA
Acetone	10	U		NA	10	UJ	10	UJ	2.8	B,J		NA
Acrolein	50	U		NA		NA		NA	10	U		NA
Acrylonitrile	25	U		NA		NA		NA	5	U		NA
Benzene	5	U		NA	10	U	10	U	1	U		NA
Bromobenzene		NA		NA		NA		NA	1	U		NA
Bromochloromethane		NA		NA		NA		NA	1	U		NA
Bromodichloromethane	5	U		NA	10	U	10	U	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	5	U		NA	10	UJ	10	U	1	U		NA
Bromomethane	5	U		NA	10	U	10	U	1	U		NA
Carbon Disulfide	15	U		NA	10	U	10	U	3	U		NA
Carbon Tetrachloride	5	U		NA	10	U	10	U	1	U		NA
Chlorobenzene	5	U		NA	10	U	10	U	1	U		NA
Chloroethane	5	U		NA	10	U	10	U	1	U		NA
Chloroform	5	U		NA	10	U	10	U	1	U		NA
Chloromethane	5	U		NA	10	U	10	U	1	U		NA
cis-1,2-Dichloroethene		NA		NA		NA	10	U	1	U		NA
cis-1,3-Dichloropropene	5	U		NA	10	U	10	U	1	U		NA
Cyclohexane		NA		NA		NA	10	U		NA		NA
Dibromochloromethane	5	U		NA	10	U	10	U	1	U		NA
Dibromomethane		NA		NA		NA		NA	1	U		NA
Dichlorobenzene Isomers	5	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	UJ	1	U		NA
Ethyl Ether	15	U		NA		NA		NA	3	U		NA
Ethylbenzene	5	U		NA	10	U	10	U	1	U		NA
Hexachlorobutadiene		NA		NA		NA		NA	1	U		NA
Isopropylbenzene		NA		NA		NA	10	U	1	U		NA
m&p-Xylene		NA		NA		NA		NA	2	U		NA
Methyl Acetate		NA		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA	10	U	1	U		NA
Methylcyclohexane		NA		NA		NA	10	U		NA		NA
Methylene Chloride	5	U		NA	10	U	10	U	1	U		NA
Naphthalene		NA		NA		NA		NA	1	U		NA
N-Butylbenzene		NA		NA		NA		NA	1	U		NA
N-Propylbenzene		NA		NA		NA		NA	1	U		NA
o-Xylene		NA		NA		NA		NA	1	U		NA
p-Isopropyltoluene		NA		NA		NA		NA	1	U		NA
Sec-Butylbenzene		NA		NA		NA		NA	1	U		NA
Styrene	5	U		NA	10	U	10	U	1	U		NA
Tert-Butylbenzene		NA		NA		NA		NA	1	U		NA
Tetrachloroethene	5	U		NA	10	U	10	U	1	U		NA
Tetrahydrofuran	35	U		NA		NA		NA	7	U		NA
Toluene	5	U		NA	10	U	10	U	1	U		NA
Total Xylenes	5	U		NA	10	U	10	U		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA	10	U	1	U		NA
trans-1,3-Dichloropropene	5	U		NA	10	U	10	U	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	5	U		NA	10	U	10	U	1	U		NA
Trichlorofluoromethane	5	U		NA		NA	10	U	1	U		NA
Vinyl Acetate	15	U		NA		NA		NA	6	U		NA
Vinyl Chloride	5	U		NA	10	U	1	U	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA	10.0	U		NA		NA
Ethene		NA		NA		NA	10.0	U		NA		NA
Methane		NA		NA		NA	5.0	U		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA	1	U		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA	1	U		NA		NA		NA		NA
1,1,2-Trichloroethane		NA	1	U		NA		NA		NA		NA
1,1-Dichloroethane		NA	1	U		NA		NA		NA		NA
1,1-Dichloroethene		NA	1	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	1	UJ		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		R		NA		NA		NA		NA
1,2-Dibromoethane		NA	1	U		NA		NA		NA		NA
1,2-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
1,2-Dichloroethane		NA	1	U		NA		NA		NA		NA
1,2-Dichloropropane		NA	1	U		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	1	U		NA		NA		NA		NA
2-Butanone		NA	5	U		NA		NA		NA		NA
2-Hexanone		NA	5	U		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	5	U		NA		NA		NA		NA
Acetone		NA		R		NA		NA		NA		NA
Benzene		NA	1	U		NA		NA		NA		NA
Bromochloromethane		NA	1	U		NA		NA		NA		NA
Bromodichloromethane		NA	1	U		NA		NA		NA		NA
Bromoform		NA	1	U		NA		NA		NA		NA
Bromomethane		NA	1	U		NA		NA		NA		NA
Carbon Disulfide		NA	1	U		NA		NA		NA		NA
Carbon Tetrachloride		NA	1	UJ		NA		NA		NA		NA
Chlorobenzene		NA	1	U		NA		NA		NA		NA
Chloroethane		NA	1	U		NA		NA		NA		NA
Chloroform		NA	1	U		NA		NA		NA		NA
Chloromethane		NA	1	U		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA
Dibromochloromethane		NA	1	U		NA		NA		NA		NA
Ethylbenzene		NA	1	U		NA		NA		NA		NA
Methylene Chloride		NA	2	U		NA		NA		NA		NA
Styrene		NA	1	U		NA		NA		NA		NA
Tetrachloroethene		NA	1	U		NA		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA		NA
Total Xylenes		NA	1	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA	1	U		NA		NA		NA		NA
Trichloroethene		NA	1	U		NA		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	0.5	U
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA	0.5	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA	0.5	U
Chlorobenzene		NA		NA		NA		NA		NA	5	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	1	U
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA	0.3	U
Toluene		NA		NA		NA		NA		NA	2	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA	0.5	U
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene	6.2	U	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene	6.2	U	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene	6.2	U	10	U	10	U		NA		NA		NA
1,4-Dichlorobenzene	6.2	U	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	6.2	U	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	16	U	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	12	U	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	12	U	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	12	U	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	16	U	25	U	25	UJ	25	U		NA		NA
2,4-Dinitrotoluene	6.2	U	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	6.2	U	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	6.2	U	10	U	10	U	10	U		NA		NA
2-Chlorophenol	12	U	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	6.2	U	10	U	10	U	10	U		NA		NA
2-Methylphenol	6.2	U	10	U	10	U	10	U		NA		NA
2-Nitroaniline	16	U	25	U	25	U	25	U		NA		NA
2-Nitrophenol	12	U	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	6.2	U	10	U	10	U	10	U		NA		NA
3-Nitroaniline	16	U	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	16	U	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	6.2	U	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	12	U	10	U	10	U	10	U		NA		NA
4-Chloroaniline	6.2	U	10	U	10	U	10	UJ		NA		NA
4-Chlorophenyl-phenylether	6.2	U	10	U	10	U	10	U		NA		NA
4-Methylphenol	6.2	U	10	U	10	U	10	U		NA		NA
4-Nitroaniline	16	U	25	U	25	U	25	U		NA		NA
4-Nitrophenol	16	U	25	U	25	U	25	U		NA		NA
Acenaphthene	6.2	U	10	U	10	U	10	U		NA		NA
Acenaphthylene	6.2	U	10	U	10	U	10	U		NA		NA
Acetophenone		NA		NA		NA	10	U		NA		NA
Aniline	12	U		NA		NA		NA		NA		NA
Anthracene	6.2	U	10	U	10	U	10	U		NA		NA
Atrazine		NA		NA		NA	10	U		NA		NA
Benzaldehyde		NA		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	6.2	U	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	6.2	U	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	6.2	U	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	6.2	U	10	U	10	U	10	U		NA		NA
Benzo(k)fluoranthene	6.2	U	10	U	10	U	10	U		NA		NA
Benzoic acid	16	U		NA		NA		NA		NA		NA
Benzyl Alcohol	12	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	6.2	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	6.2	U	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	6.55		10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	6.2	U	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA		NA	10	U		NA		NA
Carbazole	6.2	U	10	U	10	U	10	U		NA		NA
Chrysene	6.2	U	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	6.2	U	10	U	10	U	10	U		NA		NA
Dibenzofuran	6.2	U	10	U	10	U	10	U		NA		NA
Diethylphthalate	6.2	U	10	U	10	U	10	U		NA		NA
Dimethylphthalate	6.2	U	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	6.2	U	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	6.2	U	10	U	10	U	10	U		NA		NA
Diphenylhydrazine	6.2	U		NA		NA		NA		NA		NA
Fluoranthene	6.2	U	10	U	10	U	10	U		NA		NA
Fluorene	6.2	U	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	6.2	U	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	6.2	U	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	6.2	U		R	10	U	10	U		NA		NA
Hexachloroethane	6.2	U	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	6.2	U	10	U	10	U	10	U		NA		NA
Isophorone	6.2	U	10	U	10	U	10	U		NA		NA
Naphthalene	6.2	U	10	U	10	U	10	U		NA		NA
Nitrobenzene	6.2	U	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	6.2	U	10	U	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	6.2	U	10	U	10	U	10	U		NA		NA
Pentachlorophenol	16	U	25	U	25	U	25	U		NA		NA
Phenanthrene	6.2	U	10	U	10	U	10	U		NA		NA
Phenol	12	U	10	U	10	U	10	U		NA		NA
Pyrene	6.2	U	10	U	10	U	10	U		NA		NA
Total PAH	6	U	10	U	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA		NA
Chrysene		NA		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA		NA
Phenanthrene		NA		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDE		NA	0.10	U	0.10	U	0.10	U		NA		NA
4,4'-DDT		NA	0.10	U	0.10	U	0.10	U		NA		NA
Aldrin		NA	0.050	U	0.050	U	0.050	U		NA		NA
alpha-BHC		NA	0.050	U	0.050	U	0.050	U		NA		NA
alpha-Chlordane		NA	0.050	U	0.050	U	0.050	U		NA		NA
Aroclor, Total		NA	1.1	U	1.1	U		NA		NA		NA
Aroclor-1016		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1221		NA	2.0	U	2.0	U	0.25	U		NA		NA
Aroclor-1232		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1242		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1248		NA	1.0	U	1.0	U	1.0	U		NA		NA
Aroclor-1254		NA	1.0	U	1.0	U	0.25	U		NA		NA
Aroclor-1260		NA	1.0	U	1.0	U	0.25	U		NA		NA
Aroclor-1262		NA	1.0	U	1.0	U	0.28	U		NA		NA
Aroclor-1268		NA	1.0	U	1.0	U	1.0	U		NA		NA
beta-BHC		NA	0.050	U	0.0089	J	0.050	U		NA		NA
delta-BHC		NA	0.050	U	0.050	U	0.050	U		NA		NA
Dieldrin		NA	0.10	U	0.10	U	0.050	U		NA		NA
Endosulfan I		NA	0.050	U	0.050	U	0.050	U		NA		NA
Endosulfan II		NA		R	0.10	U	0.10	U		NA		NA
Endosulfan Sulfate		NA	0.10	U	0.10	U	0.10	U		NA		NA
Endrin		NA	0.10	U	0.10	U	0.050	U		NA		NA
Endrin Aldehyde		NA	0.10	U	0.10	U	0.10	U		NA		NA
Endrin Ketone		NA	0.10	U	0.10	U	0.10	U		NA		NA
gamma-BHC		NA	0.050	U	0.0065	J	0.050	U		NA		NA
gamma-Chlordane		NA	0.050	U	0.050	U	0.050	U		NA		NA
Heptachlor		NA	0.050	U	0.050	U	0.020	U		NA		NA
Heptachlor Epoxide		NA	0.050	U	0.050	U	0.020	U		NA		NA
Methoxychlor		NA	0.50	U	0.50	U	0.50	U		NA		NA
Toxaphene		NA	5.0	U	5.0	U	5.0	U		NA		NA
Pesticide Analysis (UG/L)												
4,4'-DDD	6.2	U		NA		NA		NA		NA		NA
4,4'-DDE	6.2	U		NA		NA		NA		NA		NA
4,4'-DDT	6.2	U		NA		NA		NA		NA		NA
Aldrin	6.2	U		NA		NA		NA		NA		NA
beta-BHC	6.2	U		NA		NA		NA		NA		NA
delta-BHC	6.2	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	6.2	U		NA		NA		NA		NA		NA
Heptachlor	6.2	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	6.2	U		NA		NA		NA		NA		NA
Toxaphene	6.2	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	100	U	71.1		572		253	U		NA		NA
Antimony	50.0	U	3.0	U	3.7	J	3.7	U		NA		NA
Arsenic	100	U	3.0	U	3.8	UJ	2.5	U		NA		NA
Barium	28.15		29.1		24.2		20.7	J		NA		NA
Beryllium	5.0	U	1.0	U		R	0.10	U		NA		NA
Cadmium	15.0	U	1.0	U		R	1.3	J		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-201D-AVG		OU2-MW-201D-02		OU2-MW-201D-03		OU2-MW-201D-07		RM-GW202-0030		GW-202-0050	
Sample Location	MW-201D		MW-201D		MW-201D		MW-201D		202		202	
Date Sampled	8/27/1996		11/21/1997		11/21/1998		12/18/2002		5/29/2002		5/29/2002	
Interval	32.7-37.7		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Duplicate 1004		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	511500		491000		372000		456000			NA		NA
Chromium	15.0	U	9.4	J	12.4	J	9.2	J		NA		NA
Cobalt	15.0	U	12.7	UJ	11.8	J	13.2	J		NA		NA
Copper	15.0	U	2.0	U	9.7	U	1.4	U		NA		NA
Iron	600.5		498		1120		13.7	U		NA		NA
Lead	100	U	3.0	U	5.4	J	7.3			NA		NA
Magnesium	191500		185000		164000		192000			NA		NA
Manganese	55150		57300		56.9	U	59200	J		NA		NA
Mercury		NA	0.10	U	1.4	U	0.10	U		NA		NA
Nickel	60.0	U	21.6	J	53500		16.7	J		NA		NA
Potassium		NA	20700	J	0.10	U	28400	J		NA		NA
Selenium	50.0	U	24.8		54.8		27.5	J		NA		NA
Silver	15.0	U	2.6		19200		2.2			NA		NA
Sodium		NA	93000		8.2	UJ	106000			NA		NA
Thallium	100	U	3.0	U	3.2	UJ	30.0	J		NA		NA
Vanadium	15.0	U	1.0	UJ	87100		0.70	U		NA		NA
Zinc	40.8		114		3.3	U	20.6	J		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA	160		152		143			NA		NA
Carbon Dioxide		NA		NA		NA	294			NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA	193		215		187			NA		NA
Ferrous Iron		NA		NA		NA	0.17			NA		NA
Nitrate		NA		NA		NA	0.050	U		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U	0.053	U		NA		NA		NA
Nitrite-N		NA		NA		NA	0.050	U		NA		NA
Sulfate		NA	1730		34.6		1960			NA		NA
Sulfide		NA		NA		NA	0.50	U		NA		NA
Total Organic Carbon		NA		NA		NA	2.0	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1,1-Trichloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1,2-Trichloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1-Dichloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,1-Dichloroethene	1	U	1	U	1	U		NA		NA		NA	1
1,1-Dichloropropene	1	U	1	U	1	U		NA		NA		NA	1
1,2,3-Trichlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
1,2,3-Trichloropropane	1	U	1	U	1	U		NA		NA		NA	1
1,2,4-Trichlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
1,2,4-Trimethylbenzene	1	U	1	U	1	U		NA		NA		NA	1
1,2-Dibromo-3-chloropropane	1	U	1	U	1	U		NA		NA		NA	1
1,2-Dibromoethane	1	U	1	U	1	U		NA		NA		NA	1
1,2-Dichlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
1,2-Dichloroethane	1	U	1	U	1	U		NA		NA		NA	1
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	1	U	1	U	1	U		NA		NA		NA	1
1,3,5-Trimethylbenzene	1	U	1	U	1	U		NA		NA		NA	1
1,3-Dichlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
1,3-Dichloropropane	1	U	1	U	1	U		NA		NA		NA	1
1,4-Dichlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
1,4-Dioxane		NA		NA		NA		NA		NA		NA	
2,2-Dichloropropane	1	U	1	U	1	U		NA		NA		NA	1
2-Butanone	4	U	4	U	4	U		NA		NA		NA	4
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	1	U	1	U	1	U		NA		NA		NA	1
2-Hexanone	0.6	U	0.6	U	0.6	U		NA		NA		NA	0.6
4-Chlorotoluene	1	U	1	U	1	U		NA		NA		NA	1
4-Methyl-2-Pentanone	0.5	U	0.5	U	0.5	U		NA		NA		NA	0.5
Acetone	6.4	B,J	6	B,J	5.6	B,J		NA		NA		NA	2.6
Acrolein	10	U	10	U	10	U		NA		NA		NA	10
Acrylonitrile	5	U	5	U	5	U		NA		NA		NA	5
Benzene	1	U	1	U	1	U		NA		NA		NA	1
Bromobenzene	1	U	1	U	1	U		NA		NA		NA	1
Bromochloromethane	1	U	1	U	1	U		NA		NA		NA	1
Bromodichloromethane	1	U	1	U	1	U		NA		NA		NA	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromoform	1	U	1	U	1	U		NA		NA		NA	1
Bromomethane	1	U	1	U	1	U		NA		NA		NA	1
Carbon Disulfide	3	U	3	U	3	U		NA		NA		NA	3
Carbon Tetrachloride	1	U	1	U	1	U		NA		NA		NA	1
Chlorobenzene	1	U	1	U	1	U		NA		NA		NA	1
Chloroethane	1	U	1	U	1	U		NA		NA		NA	1
Chloroform	1	U	1	U	1	U		NA		NA		NA	1.1
Chloromethane	1	U	1	U	1	U		NA		NA		NA	1
cis-1,2-Dichloroethene	1	U	1	U	1	U		NA		NA		NA	1
cis-1,3-Dichloropropene	1	U	1	U	1	U		NA		NA		NA	1
Cyclohexane		NA		NA		NA		NA		NA		NA	
Dibromochloromethane	1	U	1	U	1	U		NA		NA		NA	1
Dibromomethane	1	U	1	U	1	U		NA		NA		NA	1
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	1	U	1	U	1	U		NA		NA		NA	1
Ethyl Ether	3	U	3	U	3	U		NA		NA		NA	3
Ethylbenzene	1	U	1	U	1	U		NA		NA		NA	1
Hexachlorobutadiene	1	U	1	U	1	U		NA		NA		NA	1
Isopropylbenzene	1	U	1	U	1	U		NA		NA		NA	1
m&p-Xylene	2	U	2	U	2	U		NA		NA		NA	2
Methyl Acetate		NA		NA		NA		NA		NA		NA	
Methyl tert-Butyl Ether	1	U	1	U	1	U		NA		NA		NA	1
Methylcyclohexane		NA		NA		NA		NA		NA		NA	
Methylene Chloride	1	U	1	U	1	U		NA		NA		NA	1
Naphthalene	1	U	1	U	1	U		NA		NA		NA	1
N-Butylbenzene	1	U	1	U	1	U		NA		NA		NA	1
N-Propylbenzene	1	U	1	U	1	U		NA		NA		NA	1
o-Xylene	1	U	1	U	1	U		NA		NA		NA	1
p-Isopropyltoluene	1	U	1	U	1	U		NA		NA		NA	1
Sec-Butylbenzene	1	U	1	U	1	U		NA		NA		NA	1
Styrene	1	U	1	U	1	U		NA		NA		NA	1
Tert-Butylbenzene	1	U	1	U	1	U		NA		NA		NA	1
Tetrachloroethene	1	U	1	U	1	U		NA		NA		NA	1
Tetrahydrofuran	7	U	7	U	7	U		NA		NA		NA	7
Toluene	1	U	1	U	1	U		NA		NA		NA	1
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	1	U	1	U	1	U		NA		NA		NA	1
trans-1,3-Dichloropropene	1	U	1	U	1	U		NA		NA		NA	1

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	1	U	1	U	1	U		NA		NA		NA	1
Trichlorofluoromethane	1	U	1	U	1	U		NA		NA		NA	1
Vinyl Acetate	6	U	6	U	6	U		NA		NA		NA	6
Vinyl Chloride	1	U	1	U	1	U		NA		NA		NA	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane		NA		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2-Butanone		NA		NA		NA		NA		NA		NA	
2-Hexanone		NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA	
Acetone		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA		NA	
Bromodichloromethane		NA		NA		NA		NA		NA		NA	
Bromoform		NA		NA		NA		NA		NA		NA	
Bromomethane		NA		NA		NA		NA		NA		NA	
Carbon Disulfide		NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA		NA	
Chloroethane		NA		NA		NA		NA		NA		NA	
Chloroform		NA		NA		NA		NA		NA		NA	
Chloromethane		NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Dibromochloromethane		NA		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA		NA	
Styrene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane		NA		NA		NA	0.5	U	0.5	U	0.5	U	
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA	0.5	U	0.5	U	0.5	U	
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA	0.5	U	0.5	U	0.5	U	
Chlorobenzene		NA		NA		NA	5	U	5	U	5	U	
cis-1,2-Dichloroethene		NA		NA		NA	1	U	1	U	1	U	
Ethylbenzene		NA		NA		NA		NA		NA		NA	
m&p-Xylene		NA		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA	0.3	U	0.3	U	0.3	U	
Toluene		NA		NA		NA	2	U	2	U	2	U	
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA	0.5	U	0.5	U	0.5	U	
Vinyl Chloride		NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA	
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA	
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA	
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA	
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA	
2-Chlorophenol		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA	
2-Methylphenol		NA		NA		NA		NA		NA		NA	
2-Nitroaniline		NA		NA		NA		NA		NA		NA	
2-Nitrophenol		NA		NA		NA		NA		NA		NA	
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA	
3-Nitroaniline		NA		NA		NA		NA		NA		NA	
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA	
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA	
4-Chloroaniline		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA	
4-Methylphenol		NA		NA		NA		NA		NA		NA	
4-Nitroaniline		NA		NA		NA		NA		NA		NA	
4-Nitrophenol		NA		NA		NA		NA		NA		NA	
Acenaphthene		NA		NA		NA		NA		NA		NA	
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Acetophenone		NA		NA		NA		NA		NA		NA	
Aniline		NA		NA		NA		NA		NA		NA	
Anthracene		NA		NA		NA		NA		NA		NA	
Atrazine		NA		NA		NA		NA		NA		NA	
Benzaldehyde		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzoic acid		NA		NA		NA		NA		NA		NA	
Benzyl Alcohol		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA	
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA	
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Caprolactam		NA		NA		NA		NA		NA		NA	
Carbazole		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Dibenzofuran		NA		NA		NA		NA		NA		NA	
Diethylphthalate		NA		NA		NA		NA		NA		NA	
Dimethylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA	
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA	
Diphenylhydrazine		NA		NA		NA		NA		NA		NA	
Fluoranthene		NA		NA		NA		NA		NA		NA	
Fluorene		NA		NA		NA		NA		NA		NA	
Hexachlorobenzene		NA		NA		NA		NA		NA		NA	
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA	
Hexachloroethane		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Isophorone		NA		NA		NA		NA		NA		NA	
Naphthalene		NA		NA		NA		NA		NA		NA	
Nitrobenzene		NA		NA		NA		NA		NA		NA	
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA	
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA	
Pentachlorophenol		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Phenol		NA		NA		NA		NA		NA		NA	
Pyrene		NA		NA		NA		NA		NA		NA	
Total PAH		NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene		NA		NA		NA		NA		NA		NA	
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA	
Chrysene		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA	
Phenanthrene		NA		NA		NA		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)													

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
alpha-BHC		NA		NA		NA		NA		NA		NA	
alpha-Chlordane		NA		NA		NA		NA		NA		NA	
Aroclor, Total		NA		NA		NA		NA		NA		NA	
Aroclor-1016		NA		NA		NA		NA		NA		NA	
Aroclor-1221		NA		NA		NA		NA		NA		NA	
Aroclor-1232		NA		NA		NA		NA		NA		NA	
Aroclor-1242		NA		NA		NA		NA		NA		NA	
Aroclor-1248		NA		NA		NA		NA		NA		NA	
Aroclor-1254		NA		NA		NA		NA		NA		NA	
Aroclor-1260		NA		NA		NA		NA		NA		NA	
Aroclor-1262		NA		NA		NA		NA		NA		NA	
Aroclor-1268		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	
Dieldrin		NA		NA		NA		NA		NA		NA	
Endosulfan I		NA		NA		NA		NA		NA		NA	
Endosulfan II		NA		NA		NA		NA		NA		NA	
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA	
Endrin		NA		NA		NA		NA		NA		NA	
Endrin Aldehyde		NA		NA		NA		NA		NA		NA	
Endrin Ketone		NA		NA		NA		NA		NA		NA	
gamma-BHC		NA		NA		NA		NA		NA		NA	
gamma-Chlordane		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Methoxychlor		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Pesticide Analysis (UG/L)													
4,4'-DDD		NA		NA		NA		NA		NA		NA	
4,4'-DDE		NA		NA		NA		NA		NA		NA	
4,4'-DDT		NA		NA		NA		NA		NA		NA	
Aldrin		NA		NA		NA		NA		NA		NA	
beta-BHC		NA		NA		NA		NA		NA		NA	
delta-BHC		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin		NA		NA		NA		NA		NA		NA	
Heptachlor		NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA	
Toxaphene		NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA	
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA	
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA	
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA	
OCDD		NA		NA		NA		NA		NA		NA	
OCDF		NA		NA		NA		NA		NA		NA	
Total HpCDD		NA		NA		NA		NA		NA		NA	
Total HpCDF		NA		NA		NA		NA		NA		NA	
Total HxCDD		NA		NA		NA		NA		NA		NA	
Total HxCDF		NA		NA		NA		NA		NA		NA	
Total PeCDD		NA		NA		NA		NA		NA		NA	
Total PeCDF		NA		NA		NA		NA		NA		NA	
Total TCDD		NA		NA		NA		NA		NA		NA	
Total TCDF		NA		NA		NA		NA		NA		NA	
Toxicity Equivalency		NA		NA		NA		NA		NA		NA	
TAL Metal Analysis (UG/L)													
Aluminum		NA		NA		NA		NA		NA		NA	
Antimony		NA		NA		NA		NA		NA		NA	
Arsenic		NA		NA		NA		NA		NA		NA	
Barium		NA		NA		NA		NA		NA		NA	
Beryllium		NA		NA		NA		NA		NA		NA	
Cadmium		NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW202-0040		RM-GW202-0025		RM-GW202-0020		GW-202-0030		GW-202-0025		GW-202-0020		RM-GW202-005
Sample Location	202		202		202		202		202		202		202
Date Sampled	5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Calcium		NA		NA		NA		NA		NA		NA	
Chromium		NA		NA		NA		NA		NA		NA	
Cobalt		NA		NA		NA		NA		NA		NA	
Copper		NA		NA		NA		NA		NA		NA	
Iron		NA		NA		NA		NA		NA		NA	
Lead		NA		NA		NA		NA		NA		NA	
Magnesium		NA		NA		NA		NA		NA		NA	
Manganese		NA		NA		NA		NA		NA		NA	
Mercury		NA		NA		NA		NA		NA		NA	
Nickel		NA		NA		NA		NA		NA		NA	
Potassium		NA		NA		NA		NA		NA		NA	
Selenium		NA		NA		NA		NA		NA		NA	
Silver		NA		NA		NA		NA		NA		NA	
Sodium		NA		NA		NA		NA		NA		NA	
Thallium		NA		NA		NA		NA		NA		NA	
Vanadium		NA		NA		NA		NA		NA		NA	
Zinc		NA		NA		NA		NA		NA		NA	
Wet Chemistry Analysis													
Alkalinity		NA		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA		NA	
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA		NA	
Ferrous Iron		NA		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA		NA	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA		NA	

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	U		NA	5	U		NA		NA		NA	
1,1,1-Trichloroethane	U		NA	34		7	J	3		10	U	1
1,1,2,2-Tetrachloroethane	U		NA	5	U	10	U	10	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA	5	U		NA	10	U	10	U	10
1,1,2-Trichloroethane	U		NA	5	U	10	U	10	U	10	U	10
1,1-Dichloroethane	U		NA	23		29		4		4	J	4
1,1-Dichloroethene	U		NA	17		9	J	0.9	U	0.9	U	0.9
1,1-Dichloropropene	U		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	U		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane	U		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	U		NA		NA		NA	10	U	10	U	10
1,2,4-Trimethylbenzene	U		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	U		NA		NA		NA	10	U	10	U	10
1,2-Dibromoethane	U		NA	5	U		NA	10	U	10	U	10
1,2-Dichlorobenzene	U		NA		NA		NA	10	U	10	U	10
1,2-Dichloroethane	U		NA	5	U	10	U	10	U	10	U	10
1,2-Dichloroethene (total)	NA		NA	9.3		10			NA		NA	
1,2-Dichloropropane	U		NA	5	U	10	U	10	U	10	U	10
1,3,5-Trimethylbenzene	U		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	U		NA		NA		NA	10	U	10	U	10
1,3-Dichloropropane	U		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	U		NA		NA		NA	10	U	10	U	10
1,4-Dioxane	NA		NA		NA		NA		NA	100	UJ	100
2,2-Dichloropropane	U		NA		NA		NA		NA		NA	
2-Butanone	U		NA	20	U	10	U	10	UJ	10	UJ	10
2-Chloroethylvinylether	NA		NA	15	U		NA		NA		NA	
2-Chlorotoluene	U		NA		NA		NA		NA		NA	
2-Hexanone	U		NA	3	U	10	UJ	10	U	10	U	10
4-Chlorotoluene	U		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	U		NA	3	U	10	UJ	10	U	10	U	10
Acetone	B,J		NA	10	U	13	U	4		5	J	4
Acrolein	U		NA	50	U		NA		NA		NA	
Acrylonitrile	U		NA	25	U		NA		NA		NA	
Benzene	U		NA	5	U	10	U	10	U	10	U	10
Bromobenzene	U		NA		NA		NA		NA		NA	
Bromochloromethane	U		NA		NA		NA		NA		NA	
Bromodichloromethane	U		NA	5	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromoform	U		NA	5	U	10	U	10	U	10	U	10
Bromomethane	U		NA	5	U	10	U	10	U	10	U	10
Carbon Disulfide	U		NA	15	U	10	U	10	U	10	U	10
Carbon Tetrachloride	U		NA	5	U	10	U	10	U	10	U	10
Chlorobenzene	U		NA	5	U	4	J	2		2	J	3
Chloroethane	U		NA	5	U	10	UJ	10	U	10	U	10
Chloroform			NA	5	U	10	U	10	U	10	U	10
Chloromethane	U		NA	5	U	10	U	10	U	10	U	10
cis-1,2-Dichloroethene	U		NA		NA		NA	1		1	J	1
cis-1,3-Dichloropropene	U		NA	5	U	10	U	10	U	10	U	10
Cyclohexane	NA		NA		NA		NA	10	U	10	U	10
Dibromochloromethane	U		NA	5	U	10	U	10	U	10	U	10
Dibromomethane	U		NA		NA		NA		NA		NA	
Dichlorobenzene Isomers	NA		NA	5	U		NA		NA		NA	
Dichlorodifluoromethane	U		NA		NA		NA	10	U	10	U	10
Ethyl Ether	U		NA	15	U		NA		NA		NA	
Ethylbenzene	U		NA	5	U	10	U	10	U	10	U	10
Hexachlorobutadiene	U		NA		NA		NA		NA		NA	
Isopropylbenzene	U		NA		NA		NA	10	U	10	U	10
m&p-Xylene	U		NA		NA		NA		NA		NA	
Methyl Acetate	NA		NA		NA		NA	10	U	10	U	10
Methyl tert-Butyl Ether	U		NA		NA		NA	1800		1800	*	1800
Methylcyclohexane	NA		NA		NA		NA	10	U	10	U	10
Methylene Chloride	U		NA	5	U	10	U	10	UJ	10	UJ	10
Naphthalene	U		NA		NA		NA		NA		NA	
N-Butylbenzene	U		NA		NA		NA		NA		NA	
N-Propylbenzene	U		NA		NA		NA		NA		NA	
o-Xylene	U		NA		NA		NA		NA		NA	
p-Isopropyltoluene	U		NA		NA		NA		NA		NA	
Sec-Butylbenzene	U		NA		NA		NA		NA		NA	
Styrene	U		NA	5	U	10	U	10	U	10	U	10
Tert-Butylbenzene	U		NA		NA		NA		NA		NA	
Tetrachloroethene	U		NA	8.5		2	J	1		1	J	1
Tetrahydrofuran	U		NA	35	U		NA		NA		NA	
Toluene	U		NA	5	U	10	U	10	U	10	U	10
Total Xylenes	NA		NA	5	U	10	U	10	U	10	U	10
trans-1,2-Dichloroethene	U		NA		NA		NA	10	U	10	U	10
trans-1,3-Dichloropropene	U		NA	5	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	U		NA	17		10	U	4		3	J	4
Trichlorofluoromethane	U		NA	5	U		NA	10	U	10	U	10
Vinyl Acetate	U		NA	15	U		NA		NA		NA	
Vinyl Chloride	U		NA	5	U	10	U	1	U	1	U	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	NA		NA		NA		NA	10.0	U	10.0	U	10.0
Ethene	NA		NA		NA		NA	10.0	U	10.0	U	10.0
Methane	NA		NA		NA		NA	5.0	U	5.0	U	5.0
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA	0.5	U		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA	0.5	U		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
Benzene	NA	0.5	U		NA		NA		NA		NA	
Chlorobenzene	NA	5	U		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA	1	U		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA	0.3	U		NA		NA		NA		NA	
Toluene	NA	2	U		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA	0.5	U		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	NA		NA		NA		NA	10	U	10	U	10
1,2,4-Trichlorobenzene	NA		NA	6.2	U	10	U		NA		NA	
1,2-Dichlorobenzene	NA		NA	6.2	U	10	U		NA		NA	
1,3-Dichlorobenzene	NA		NA	6.2	U	10	U		NA		NA	
1,4-Dichlorobenzene	NA		NA	6.2	U	10	U		NA		NA	
2,2'-oxybis(1-Chloropropane)	NA		NA	6.2	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	NA		NA	16	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	NA		NA	12	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	NA		NA	12	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4-Dimethylphenol	NA		NA	12	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	NA		NA	16	U	25	UJ	25	UJ	25	UJ	25
2,4-Dinitrotoluene	NA		NA	6.2	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	NA		NA	6.2	U	10	U	10	U	10	U	10
2-Chloronaphthalene	NA		NA	6.2	U	10	U	10	U	10	U	10
2-Chlorophenol	NA		NA	12	U	10	U	10	U	10	U	10
2-Methylnaphthalene	NA		NA	6.2	U	10	U	10	U	10	U	10
2-Methylphenol	NA		NA	6.2	U	10	U	10	U	10	U	10
2-Nitroaniline	NA		NA	16	U	25	U	25	U	25	U	25
2-Nitrophenol	NA		NA	12	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	NA		NA	6.2	U	10	U	10	U	10	U	10
3-Nitroaniline	NA		NA	16	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	NA		NA	16	U	25	UJ	25	U	25	U	25
4-Bromophenyl-phenylether	NA		NA	6.2	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	NA		NA	12	U	10	U	10	U	10	U	10
4-Chloroaniline	NA		NA	6.2	U	10	U	10	UJ	10	UJ	10
4-Chlorophenyl-phenylether	NA		NA	6.2	U	10	U	10	U	10	U	10
4-Methylphenol	NA		NA	6.2	U	10	U	10	U	10	U	10
4-Nitroaniline	NA		NA	16	U	25	U	25	U	25	U	25
4-Nitrophenol	NA		NA	16	U	25	U	25	U	25	U	25
Acenaphthene	NA		NA	6.2	U	10	U	10	U	10	U	10
Acenaphthylene	NA		NA	6.2	U	10	U	10	U	10	U	10
Acetophenone	NA		NA		NA		NA	10	U	10	U	10
Aniline	NA		NA	12	U		NA		NA		NA	
Anthracene	NA		NA	6.2	U	10	U	10	U	10	U	10
Atrazine	NA		NA		NA		NA	10	U	10	U	10
Benzaldehyde	NA		NA		NA		NA	10	UJ	10	UJ	10
Benzo(a)anthracene	NA		NA	6.2	U	10	U	10	U	10	U	10
Benzo(a)pyrene	NA		NA	6.2	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	NA		NA	6.2	U	10	UJ	10	U	10	U	10
Benzo(g,h,i)perylene	NA		NA	6.2	U	10	U	10	UJ	10	UJ	10
Benzo(k)fluoranthene	NA		NA	6.2	U	10	UJ	10	U	10	U	10
Benzoic acid	NA		NA	16	U		NA		NA		NA	
Benzyl Alcohol	NA		NA	12	U		NA		NA		NA	
Bis(2-Chloroethoxy)methane	NA		NA	6.2	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	NA		NA	6.2	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	NA		NA	3	L	10	U	10	U	10	U	10
Butylbenzylphthalate	NA		NA	6.2	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Caprolactam	NA		NA		NA		NA	10	U	10	U	10
Carbazole	NA		NA	6.2	U	10	U	10	U	10	U	10
Chrysene	NA		NA	6.2	U	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	NA		NA	6.2	U	10	U	10	U	10	U	10
Dibenzofuran	NA		NA	6.2	U	10	U	10	U	10	U	10
Diethylphthalate	NA		NA	6.2	U	10	U	10	U	10	U	10
Dimethylphthalate	NA		NA	6.2	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	NA		NA	6.2	U	10	U	10	U	10	U	10
Di-n-octylphthalate	NA		NA	6.2	U	10	U	10	UJ	10	UJ	10
Diphenylhydrazine	NA		NA	6.2	U		NA		NA		NA	
Fluoranthene	NA		NA	6.2	U	10	U	10	U	10	U	10
Fluorene	NA		NA	6.2	U	10	U	10	U	10	U	10
Hexachlorobenzene	NA		NA	6.2	U	10	U	10	U	10	U	10
Hexachlorobutadiene	NA		NA	6.2	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	NA		NA	6.2	U		R	10	UJ	10	UJ	10
Hexachloroethane	NA		NA	6.2	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	NA		NA	6.2	U	10	U	10	UJ	10	UJ	10
Isophorone	NA		NA	6.2	U	10	U	10	U	10	U	10
Naphthalene	NA		NA	6.2	U	10	U	10	U	10	U	10
Nitrobenzene	NA		NA	6.2	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	NA		NA	6.2	U	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	NA		NA	6.2	U	10	U	10	U	10	U	10
Pentachlorophenol	NA		NA	16	U	25	U	25	U	25	U	25
Phenanthrene	NA		NA	6.2	U	10	U	10	U	10	U	10
Phenol	NA		NA	12	U	10	U	10	U	10	U	10
Pyrene	NA		NA	6.2	U	10	U	10	U	10	U	10
Total PAH	NA		NA	6	U	10	U		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Benzo(a)anthracene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Benzo(a)pyrene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Benzo(b)fluoranthene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Benzo(k)fluoranthene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Chrysene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Dibenzo(a,h)anthracene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Phenanthrene	NA		NA		NA		NA	0.20	U	0.20	U	0.20
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDE	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDT	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
Aldrin	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
alpha-BHC	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
alpha-Chlordane	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
Aroclor, Total	NA		NA		NA	1.1	U		NA		NA	
Aroclor-1016	NA		NA		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1221	NA		NA		NA	2.0	U	0.25	U	0.25	U	0.25
Aroclor-1232	NA		NA		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1242	NA		NA		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1248	NA		NA		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1254	NA		NA		NA	1.0	U	0.25	U	0.25	U	0.25
Aroclor-1260	NA		NA		NA	1.0	U	0.25	U	0.25	U	0.25
Aroclor-1262	NA		NA		NA	1.0	U	0.28	U	0.28	U	0.28
Aroclor-1268	NA		NA		NA	1.0	U	1.0	U	1.0	U	1.0
beta-BHC	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
delta-BHC	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
Dieldrin	NA		NA		NA	0.10	U	0.050	U	0.050	U	0.050
Endosulfan I	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
Endosulfan II	NA		NA		NA		R	0.10	U	0.10	U	0.10
Endosulfan Sulfate	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
Endrin	NA		NA		NA	0.10	U	0.050	U	0.050	U	0.050
Endrin Aldehyde	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
Endrin Ketone	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
gamma-BHC	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
gamma-Chlordane	NA		NA		NA	0.050	U	0.050	U	0.050	U	0.050
Heptachlor	NA		NA		NA	0.050	U	0.020	U	0.020	U	0.020
Heptachlor Epoxide	NA		NA		NA	0.050	U	0.020	U	0.020	U	0.020
Methoxychlor	NA		NA		NA	0.50	U	0.50	U	0.50	U	0.50
Toxaphene	NA		NA		NA	5.0	U	5.0	U	5.0	U	5.0
Pesticide Analysis (UG/L)												
4,4'-DDD	NA		NA	6.2	U		NA		NA		NA	
4,4'-DDE	NA		NA	6.2	U		NA		NA		NA	
4,4'-DDT	NA		NA	6.2	U		NA		NA		NA	
Aldrin	NA		NA	6.2	U		NA		NA		NA	
beta-BHC	NA		NA	6.2	U		NA		NA		NA	
delta-BHC	NA		NA	6.2	U		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin	NA		NA	6.2	U		NA		NA		NA	
Heptachlor	NA		NA	6.2	U		NA		NA		NA	
Heptachlor Epoxide	NA		NA	6.2	U		NA		NA		NA	
Toxaphene	NA		NA	6.2	U		NA		NA		NA	
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA	4.4	U	4.4	U	4.0
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA	2.3	U	2.3	U	2.2
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA	2.9	U	2.9	U	2.8
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA	2.6	U	2.6	U	2.5
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA	1.7	U	1.7	U	1.5
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA	2.6	U	2.6	U	2.5
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA	1.6	U	1.6	U	1.5
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA	2.5	U	2.5	U	2.4
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA	2.1	U	2.1	U	2.0
1,2,3,7,8-PeCDD	NA		NA		NA		NA	2.5	U	2.5	U	2.3
1,2,3,7,8-PeCDF	NA		NA		NA		NA	1.6	U	1.6	U	1.5
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA	1.7	U	1.7	U	1.6
2,3,4,7,8-PeCDF	NA		NA		NA		NA	1.7	U	1.7	U	1.5
2,3,7,8-TCDD	NA		NA		NA		NA	2.5	U	2.5	U	2.3
2,3,7,8-TCDF	NA		NA		NA		NA	1.8	U	1.8	U	1.7
OCDD	NA		NA		NA		NA	6.5	U	6.5	U	5.8
OCDF	NA		NA		NA		NA	4.7	U	4.7	U	4.2
Total HpCDD	NA		NA		NA		NA	4.4	UJ	4.4	UJ	4.0
Total HpCDF	NA		NA		NA		NA	2.6	UJ	2.6	UJ	2.5
Total HxCDD	NA		NA		NA		NA	2.6	UJ	2.6	UJ	2.5
Total HxCDF	NA		NA		NA		NA	1.8	UJ	1.8	UJ	1.6
Total PeCDD	NA		NA		NA		NA	2.5	UJ	2.5	UJ	2.3
Total PeCDF	NA		NA		NA		NA	1.7	UJ	1.7	UJ	1.5
Total TCDD	NA		NA		NA		NA	2.5	UJ	2.5	UJ	2.3
Total TCDF	NA		NA		NA		NA	1.8	UJ	1.8	UJ	1.7
Toxicity Equivalency	NA		NA		NA		NA	0.00	U	0.00	U	0.00
TAL Metal Analysis (UG/L)												
Aluminum	NA		NA	100	U	17.0	U	162	U	162	U	126
Antimony	NA		NA	50.0	U	3.1	UJ	2.3	U	2.3	U	2.3
Arsenic	NA		NA	100	U	3.0	U	4.8	U	4.8	U	4.8
Barium	NA		NA	23.6		23.8		21.0		21.4		20.7
Beryllium	NA		NA	5.0	U	1.0	U	0.10	U	0.10	U	0.10
Cadmium	NA		NA	15.0	U	1.0	U	0.56		0.65		0.47

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	0	GW-202-0040		MW-202D		OU2-MW-202D-02		OU2-MW-202D-07-AVG		OU2-MW-202D-07		OU2-MW-DUP12-07
Sample Location		202		MW-202D		MW-202D		MW-202D		MW-202D		MW-202D
Date Sampled		5/29/2002		8/28/1996		11/11/1997		1/9/2003		1/9/2003		1/9/2003
Interval		0.0-0.0		29.0-34.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07		Field Dup. OU2-MW-202D-07
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Calcium	NA		NA	182000		180000		140000		142000		137000
Chromium	NA		NA	15.0	U	1.0	U	0.60	U	0.60	U	0.60
Cobalt	NA		NA	15.0	U	1.9	UJ	1.4		1.3	J	1.6
Copper	NA		NA	15.0	U	2.0	U	0.60	UJ	0.60	UJ	0.60
Iron	NA		NA	50.0	U	11.2	UJ	18.7	U	18.7	U	18.7
Lead	NA		NA	100	U	1.0	U	2.2	UJ	2.2	UJ	2.2
Magnesium	NA		NA	36200		29500		24200		24500		23800
Manganese	NA		NA	6900		4330		4400		4480		4320
Mercury	NA		NA		NA	0.10	U	0.10	U	0.10	U	0.10
Nickel	NA		NA	60.0	U	4.4		5.3		5.9		4.7
Potassium	NA		NA		NA	15200		12100		12200		11900
Selenium	NA		NA	50.0	U	3.0	U	4.8	U	4.8	U	4.8
Silver	NA		NA	15.0	U	1.0	U	0.60	U	0.60	U	0.60
Sodium	NA		NA		NA	212000		206000		210000		203000
Thallium	NA		NA	100	U	3.0	U	4.7	UJ	4.7	UJ	4.7
Vanadium	NA		NA	15.0	U	1.0	U	0.50	U	0.50	U	0.50
Zinc	NA		NA	16.9		42.4		1.8		1.6	J	1.9
Wet Chemistry Analysis												
Alkalinity	NA		NA		NA	204		174		172	J	176
Carbon Dioxide	NA		NA		NA		NA	227		260	J	194
Carbon Dioxide, Free	NA		NA		NA		NA		NA		NA	
Chloride	NA		NA		NA	328		342		342		341
Ferrous Iron	NA		NA		NA		NA	0.030	U	0.030	U	0.030
Nitrate	NA		NA		NA		NA	2.5		2.54		2.46
Nitrate-Nitrite (as N)	NA		NA		NA	1.38			NA		NA	
Nitrite-N	NA		NA		NA		NA	0.050	UJ	0.050	UJ	0.050
Sulfate	NA		NA		NA	341		270		270		271
Sulfide	NA		NA		NA		NA	0.50	UJ	0.50	UJ	0.50
Total Organic Carbon	NA		NA		NA		NA	10.2		10.4		9.92

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	NA		NA		NA	1	U	1	U	1	U	
1,1,1-Trichloroethane	J		NA	10	U	1	U	1	U	1	U	
1,1,2,2-Tetrachloroethane	U		NA	10	U	1	U	1	U	1	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA	10	U	1	U	1	U	1	U	
1,1,2-Trichloroethane	U		NA	10	U	1	U	1	U	1	U	
1,1-Dichloroethane	J		NA	10	U	1	U	1	U	1	U	
1,1-Dichloroethene	U		NA	0.9	U	1	U	1	U	1	U	
1,1-Dichloropropene	NA		NA		NA	1	U	1	U	1	U	
1,2,3-Trichlorobenzene	NA		NA		NA	1	U	1	U	1	U	
1,2,3-Trichloropropane	NA		NA		NA	1	U	1	U	1	U	
1,2,4-Trichlorobenzene	U		NA	10	U	1	U	1	U	1	U	
1,2,4-Trimethylbenzene	NA		NA		NA	2.9		0.85	L	2		
1,2-Dibromo-3-chloropropane	U		NA	10	U	1	U	1	U	1	U	
1,2-Dibromoethane	U		NA	10	U	1	U	1	U	1	U	
1,2-Dichlorobenzene	U		NA	10	U	1	U	1	U	1	U	
1,2-Dichloroethane	U		NA	10	U	1	U	1	U	1	U	
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	U		NA	10	U	1	U	1	U	1	U	
1,3,5-Trimethylbenzene	NA		NA		NA	0.71	L	1	U	0.47	L	
1,3-Dichlorobenzene	U		NA	10	U	1	U	1	U	1	U	
1,3-Dichloropropane	NA		NA		NA	1	U	1	U	1	U	
1,4-Dichlorobenzene	U		NA	10	U	1	U	1	U	1	U	
1,4-Dioxane	UJ		NA	100	UJ		NA		NA		NA	
2,2-Dichloropropane	NA		NA		NA	1	U	1	U	1	U	
2-Butanone	UJ		NA	10	UJ	4	U	4	U	4	U	
2-Chloroethylvinylether	NA		NA		NA		NA		NA		NA	
2-Chlorotoluene	NA		NA		NA	1	U	1	U	1	U	
2-Hexanone	U		NA	10	UJ	0.6	U	0.6	U	0.6	U	
4-Chlorotoluene	NA		NA		NA	1	U	1	U	1	U	
4-Methyl-2-Pentanone	U		NA	10	U	0.5	U	0.5	U	0.5	U	
Acetone	J		NA	10	UJ	3.5	B,J	3.4	B,J	2.5	B,J	
Acrolein	NA		NA		NA	10	U	10	U	10	U	
Acrylonitrile	NA		NA		NA	5	U	5	U	5	U	
Benzene	U		NA	10	U	1	U	1	U	1	U	
Bromobenzene	NA		NA		NA	1	U	1	U	1	U	
Bromochloromethane	NA		NA		NA	1	U	1	U	1	U	
Bromodichloromethane	U		NA	10	U	1	U	1	U	1	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Bromoform	U		NA	10	U	1	U	1	U	1	U	
Bromomethane	U		NA	10	U	1	U	1	U	1	U	
Carbon Disulfide	U		NA	10	U	3	U	3	U	3	U	
Carbon Tetrachloride	U		NA	10	U	1	U	1	U	1	U	
Chlorobenzene	J		NA	10	U	1	U	1	U	1	U	
Chloroethane	U		NA	10	U	1	U	1	U	1	U	
Chloroform	U		NA	10	U	1	U	1	U	1	U	
Chloromethane	U		NA	10	U	1	U	1	U	1	U	
cis-1,2-Dichloroethene	J		NA	10	U	1	U	1	U	1	U	
cis-1,3-Dichloropropene	U		NA	10	U	1	U	1	U	1	U	
Cyclohexane	U		NA	10	U		NA		NA		NA	
Dibromochloromethane	U		NA	10	U	1	U	1	U	1	U	
Dibromomethane	NA		NA		NA	1	U	1	U	1	U	
Dichlorobenzene Isomers	NA		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	U		NA	10	U	1	U	1	U	1	U	
Ethyl Ether	NA		NA		NA	3	U	3	U	3	U	
Ethylbenzene	U		NA	10	U	1	U	1	U	1	U	
Hexachlorobutadiene	NA		NA		NA	1	U	1	U	1	U	
Isopropylbenzene	U		NA	10	U	1	U	1	U	1	U	
m&p-Xylene	NA		NA		NA	2	U	2	U	1.4	L	
Methyl Acetate	U		NA	10	U		NA		NA		NA	
Methyl tert-Butyl Ether	*		NA	46		4.4		1	U	0.54	L	
Methylcyclohexane	U		NA	10	U		NA		NA		NA	
Methylene Chloride	UJ		NA	10	U	1	U	1	U	1	U	
Naphthalene	NA		NA		NA	1		1	U	0.63	L	
N-Butylbenzene	NA		NA		NA	1	U	1	U	1	U	
N-Propylbenzene	NA		NA		NA	1	U	1	U	1	U	
o-Xylene	NA		NA		NA	1	U	1	U	0.6	L	
p-Isopropyltoluene	NA		NA		NA	1	U	1	U	1	U	
Sec-Butylbenzene	NA		NA		NA	1	U	1	U	1	U	
Styrene	U		NA	10	U	1	U	1	U	1	U	
Tert-Butylbenzene	NA		NA		NA	1	U	1	U	1	U	
Tetrachloroethene	J		NA	10	U	1	U	1	U	1	U	
Tetrahydrofuran	NA		NA		NA	7	U	7	U	7	U	
Toluene	U		NA	10	U	1	U	1	U	1	U	
Total Xylenes	U		NA	10	U		NA		NA		NA	
trans-1,2-Dichloroethene	U		NA	10	U	1	U	1	U	1	U	
trans-1,3-Dichloropropene	U		NA	10	U	1	U	1	U	1	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Trichloroethene	J		NA	2	J	1	U	1	U	1	U	
Trichlorofluoromethane	U		NA	10	U	1	U	1	U	1	U	
Vinyl Acetate	NA		NA		NA	6	U	6	U	6	U	
Vinyl Chloride	U		NA	1	U	1	U	1	U	1	U	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	U		NA	10.0	U		NA		NA		NA	
Ethene	U		NA	10.0	U		NA		NA		NA	
Methane	U		NA	5.0	U		NA		NA		NA	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA	
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2-Butanone	NA		NA		NA		NA		NA		NA	
2-Hexanone	NA		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	
Acetone	NA		NA		NA		NA		NA		NA	
Benzene	NA		NA		NA		NA		NA		NA	
Bromochloromethane	NA		NA		NA		NA		NA		NA	
Bromodichloromethane	NA		NA		NA		NA		NA		NA	
Bromoform	NA		NA		NA		NA		NA		NA	
Bromomethane	NA		NA		NA		NA		NA		NA	
Carbon Disulfide	NA		NA		NA		NA		NA		NA	
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	
Chlorobenzene	NA		NA		NA		NA		NA		NA	
Chloroethane	NA		NA		NA		NA		NA		NA	
Chloroform	NA		NA		NA		NA		NA		NA	
Chloromethane	NA		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	

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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Dibromochloromethane	NA		NA		NA		NA		NA		NA	
Ethylbenzene	NA		NA		NA		NA		NA		NA	
Methylene Chloride	NA		NA		NA		NA		NA		NA	
Styrene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA		NA		NA		NA		NA		NA	
Toluene	NA		NA		NA		NA		NA		NA	
Total Xylenes	NA		NA		NA		NA		NA		NA	
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA		NA		NA		NA		NA		NA	
Vinyl Chloride	NA		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA	0.5	U		NA		NA		NA		NA	0.5
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	
1,1-Dichloroethene	NA	0.5	U		NA		NA		NA		NA	0.5
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	
Benzene	NA	0.5	U		NA		NA		NA		NA	0.5
Chlorobenzene	NA	5	U		NA		NA		NA		NA	5
cis-1,2-Dichloroethene	NA	1	U		NA		NA		NA		NA	1
Ethylbenzene	NA		NA		NA		NA		NA		NA	
m&p-Xylene	NA		NA		NA		NA		NA		NA	
o-Xylene	NA		NA		NA		NA		NA		NA	
Tetrachloroethene	NA	0.5	U		NA		NA		NA		NA	0.3
Toluene	NA	1	U		NA		NA		NA		NA	2
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	
Trichloroethene	NA	0.5	U		NA		NA		NA		NA	0.5
Vinyl Chloride	NA	0.1	U		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	U		NA	10	U		NA		NA		NA	
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	
2,2'-oxybis(1-Chloropropane)	U		NA	10	U		NA		NA		NA	
2,4,5-Trichlorophenol	U		NA	25	U		NA		NA		NA	
2,4,6-Trichlorophenol	U		NA	10	U		NA		NA		NA	
2,4-Dichlorophenol	U		NA	10	U		NA		NA		NA	

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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2,4-Dimethylphenol	U		NA	10	U		NA		NA		NA	
2,4-Dinitrophenol	UJ		NA	25	UJ		NA		NA		NA	
2,4-Dinitrotoluene	U		NA	10	U		NA		NA		NA	
2,6-Dinitrotoluene	U		NA	10	U		NA		NA		NA	
2-Chloronaphthalene	U		NA	10	U		NA		NA		NA	
2-Chlorophenol	U		NA	10	U		NA		NA		NA	
2-Methylnaphthalene	U		NA	10	U		NA		NA		NA	
2-Methylphenol	U		NA	10	U		NA		NA		NA	
2-Nitroaniline	U		NA	25	U		NA		NA		NA	
2-Nitrophenol	U		NA	10	U		NA		NA		NA	
3,3'-Dichlorobenzidine	U		NA	10	U		NA		NA		NA	
3-Nitroaniline	U		NA	25	U		NA		NA		NA	
4,6-Dinitro-2-methylphenol	U		NA	25	U		NA		NA		NA	
4-Bromophenyl-phenylether	U		NA	10	U		NA		NA		NA	
4-Chloro-3-methylphenol	U		NA	10	U		NA		NA		NA	
4-Chloroaniline	UJ		NA	10	UJ		NA		NA		NA	
4-Chlorophenyl-phenylether	U		NA	10	U		NA		NA		NA	
4-Methylphenol	U		NA	10	U		NA		NA		NA	
4-Nitroaniline	U		NA	25	U		NA		NA		NA	
4-Nitrophenol	U		NA	25	U		NA		NA		NA	
Acenaphthene	U		NA	10	U		NA		NA		NA	
Acenaphthylene	U		NA	10	U		NA		NA		NA	
Acetophenone	U		NA	10	U		NA		NA		NA	
Aniline	NA		NA		NA		NA		NA		NA	
Anthracene	U		NA	10	U		NA		NA		NA	
Atrazine	U		NA	10	U		NA		NA		NA	
Benzaldehyde	UJ		NA	10	UJ		NA		NA		NA	
Benzo(a)anthracene	U		NA	10	U		NA		NA		NA	
Benzo(a)pyrene	U		NA	10	U		NA		NA		NA	
Benzo(b)fluoranthene	U		NA	10	U		NA		NA		NA	
Benzo(g,h,i)perylene	UJ		NA	10	UJ		NA		NA		NA	
Benzo(k)fluoranthene	U		NA	10	U		NA		NA		NA	
Benzoic acid	NA		NA		NA		NA		NA		NA	
Benzyl Alcohol	NA		NA		NA		NA		NA		NA	
Bis(2-Chloroethoxy)methane	U		NA	10	U		NA		NA		NA	
Bis(2-Chloroethyl)ether	U		NA	10	U		NA		NA		NA	
bis(2-Ethylhexyl)phthalate	U		NA	10	U		NA		NA		NA	
Butylbenzylphthalate	U		NA	10	U		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Caprolactam	U		NA	10	U		NA		NA		NA	
Carbazole	U		NA	10	U		NA		NA		NA	
Chrysene	U		NA	10	U		NA		NA		NA	
Dibenzo(a,h)anthracene	U		NA	10	U		NA		NA		NA	
Dibenzofuran	U		NA	10	U		NA		NA		NA	
Diethylphthalate	U		NA	10	U		NA		NA		NA	
Dimethylphthalate	U		NA	10	U		NA		NA		NA	
Di-n-Butylphthalate	U		NA	10	U		NA		NA		NA	
Di-n-octylphthalate	UJ		NA	10	UJ		NA		NA		NA	
Diphenylhydrazine	NA		NA		NA		NA		NA		NA	
Fluoranthene	U		NA	10	U		NA		NA		NA	
Fluorene	U		NA	10	U		NA		NA		NA	
Hexachlorobenzene	U		NA	10	U		NA		NA		NA	
Hexachlorobutadiene	U		NA	10	U		NA		NA		NA	
Hexachlorocyclopentadiene	UJ		NA	10	UJ		NA		NA		NA	
Hexachloroethane	U		NA	10	U		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UJ		NA	10	UJ		NA		NA		NA	
Isophorone	U		NA	10	U		NA		NA		NA	
Naphthalene	U		NA	10	U		NA		NA		NA	
Nitrobenzene	U		NA	10	U		NA		NA		NA	
N-Nitroso-di-n-propylamine	U		NA	10	U		NA		NA		NA	
N-Nitroso-diphenylamine	U		NA	10	U		NA		NA		NA	
Pentachlorophenol	U		NA	25	U		NA		NA		NA	
Phenanthrene	U		NA	10	U		NA		NA		NA	
Phenol	U		NA	10	U		NA		NA		NA	
Pyrene	U		NA	10	U		NA		NA		NA	
Total PAH	NA		NA		NA		NA		NA		NA	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	U		NA	0.20	U		NA		NA		NA	
Benzo(a)anthracene	U		NA	0.20	U		NA		NA		NA	
Benzo(a)pyrene	U		NA	0.20	U		NA		NA		NA	
Benzo(b)fluoranthene	U		NA	0.20	U		NA		NA		NA	
Benzo(k)fluoranthene	U		NA	0.20	U		NA		NA		NA	
Chrysene	U		NA	0.20	U		NA		NA		NA	
Dibenzo(a,h)anthracene	U		NA	0.20	U		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	U		NA	0.20	U		NA		NA		NA	
Phenanthrene	U		NA	0.20	U		NA		NA		NA	
Pesticide/PCB Analysis (UG/L)												

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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4,4'-DDD	U		NA	0.10	U		NA		NA		NA	
4,4'-DDE	U		NA	0.10	U		NA		NA		NA	
4,4'-DDT	U		NA	0.10	U		NA		NA		NA	
Aldrin	U		NA	0.050	U		NA		NA		NA	
alpha-BHC	U		NA	0.050	U		NA		NA		NA	
alpha-Chlordane	U		NA	0.050	U		NA		NA		NA	
Aroclor, Total	NA		NA		NA		NA		NA		NA	
Aroclor-1016	U		NA	1.0	U		NA		NA		NA	
Aroclor-1221	U		NA	0.25	U		NA		NA		NA	
Aroclor-1232	U		NA	1.0	U		NA		NA		NA	
Aroclor-1242	U		NA	1.0	U		NA		NA		NA	
Aroclor-1248	U		NA	1.0	U		NA		NA		NA	
Aroclor-1254	U		NA	0.25	U		NA		NA		NA	
Aroclor-1260	U		NA	0.25	U		NA		NA		NA	
Aroclor-1262	U		NA	0.28	U		NA		NA		NA	
Aroclor-1268	U		NA	1.0	U		NA		NA		NA	
beta-BHC	U		NA	0.050	U		NA		NA		NA	
delta-BHC	U		NA	0.050	U		NA		NA		NA	
Dieldrin	U		NA	0.050	U		NA		NA		NA	
Endosulfan I	U		NA	0.050	U		NA		NA		NA	
Endosulfan II	U		NA	0.10	U		NA		NA		NA	
Endosulfan Sulfate	U		NA	0.10	U		NA		NA		NA	
Endrin	U		NA	0.050	U		NA		NA		NA	
Endrin Aldehyde	U		NA	0.10	U		NA		NA		NA	
Endrin Ketone	U		NA	0.10	U		NA		NA		NA	
gamma-BHC	U		NA	0.050	U		NA		NA		NA	
gamma-Chlordane	U		NA	0.050	U		NA		NA		NA	
Heptachlor	U		NA	0.020	U		NA		NA		NA	
Heptachlor Epoxide	U		NA	0.020	U		NA		NA		NA	
Methoxychlor	U		NA	0.50	U		NA		NA		NA	
Toxaphene	U		NA	5.0	U		NA		NA		NA	
Pesticide Analysis (UG/L)												
4,4'-DDD	NA		NA		NA		NA		NA		NA	
4,4'-DDE	NA		NA		NA		NA		NA		NA	
4,4'-DDT	NA		NA		NA		NA		NA		NA	
Aldrin	NA		NA		NA		NA		NA		NA	
beta-BHC	NA		NA		NA		NA		NA		NA	
delta-BHC	NA		NA		NA		NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin	NA		NA		NA		NA		NA		NA	
Heptachlor	NA		NA		NA		NA		NA		NA	
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA	
Toxaphene	NA		NA		NA		NA		NA		NA	
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	U		NA	3.4	J		NA		NA		NA	
1,2,3,4,6,7,8-HpCDF	U		NA	1.2	J		NA		NA		NA	
1,2,3,4,7,8,9-HpCDF	U		NA	1.4	U		NA		NA		NA	
1,2,3,4,7,8-HxCDD	U		NA	1.3	U		NA		NA		NA	
1,2,3,4,7,8-HxCDF	U		NA	1.6	U		NA		NA		NA	
1,2,3,6,7,8-HxCDD	U		NA	1.3	U		NA		NA		NA	
1,2,3,6,7,8-HxCDF	U		NA	0.60	U		NA		NA		NA	
1,2,3,7,8,9-HxCDD	U		NA	2.2	J		NA		NA		NA	
1,2,3,7,8,9-HxCDF	U		NA	0.90	U		NA		NA		NA	
1,2,3,7,8-PeCDD	U		NA	1.9	U		NA		NA		NA	
1,2,3,7,8-PeCDF	U		NA	2.4	EMPC		NA		NA		NA	
2,3,4,6,7,8-HxCDF	U		NA	0.70	U		NA		NA		NA	
2,3,4,7,8-PeCDF	U		NA	1.0	U		NA		NA		NA	
2,3,7,8-TCDD	U		NA	1.3	U		NA		NA		NA	
2,3,7,8-TCDF	U		NA	0.80	U		NA		NA		NA	
OCDD	U		NA	23.9	J		NA		NA		NA	
OCDF	U		NA	3.3	J		NA		NA		NA	
Total HpCDD	UJ		NA	5.3	J		NA		NA		NA	
Total HpCDF	UJ		NA	1.2	J		NA		NA		NA	
Total HxCDD	UJ		NA	10.1	UJ		NA		NA		NA	
Total HxCDF	UJ		NA	1.6	UJ		NA		NA		NA	
Total PeCDD	UJ		NA	3.1	J		NA		NA		NA	
Total PeCDF	UJ		NA	2.4	EMPC		NA		NA		NA	
Total TCDD	UJ		NA	1.9	EMPC		NA		NA		NA	
Total TCDF	UJ		NA	0.80	UJ		NA		NA		NA	
Toxicity Equivalency	U		NA	0.39	J		NA		NA		NA	
TAL Metal Analysis (UG/L)												
Aluminum	U		NA	103	U		NA		NA		NA	
Antimony	U		NA	2.3	U		NA		NA		NA	
Arsenic	U		NA	4.8	U		NA		NA		NA	
Barium			NA	56.8			NA		NA		NA	
Beryllium	U		NA	0.10	U		NA		NA		NA	
Cadmium	J		NA	0.30	U		NA		NA		NA	

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Sample Number		OU2-GW-202S-07		OU2-MW-202S-07		RM-GW203-0030		RM-GW203-0040		RM-GW203-0020		GW-203-0030
Sample Location		MW-202S		MW-202S		203		203		203		203
Date Sampled		1/8/2003		1/8/2003		5/29/2002		5/29/2002		5/29/2002		5/29/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		None		None		None		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Calcium			NA	58600			NA		NA		NA	
Chromium	U		NA	0.60	U		NA		NA		NA	
Cobalt	J		NA	1.0	U		NA		NA		NA	
Copper	UJ		NA	0.80	J		NA		NA		NA	
Iron	U		NA	24.2	UJ		NA		NA		NA	
Lead	UJ		NA	2.2	UJ		NA		NA		NA	
Magnesium			NA	5900			NA		NA		NA	
Manganese			NA	10.9			NA		NA		NA	
Mercury	U		NA	0.10	U		NA		NA		NA	
Nickel			NA	1.1	U		NA		NA		NA	
Potassium			NA	5940			NA		NA		NA	
Selenium	U		NA	4.8	U		NA		NA		NA	
Silver	U		NA	0.60	U		NA		NA		NA	
Sodium			NA	73800			NA		NA		NA	
Thallium	UJ		NA	4.7	UJ		NA		NA		NA	
Vanadium	U		NA	0.50	U		NA		NA		NA	
Zinc	J		NA	2.1	J		NA		NA		NA	
Wet Chemistry Analysis												
Alkalinity	J		NA	90.0	J		NA		NA		NA	
Carbon Dioxide	J		NA	102	J		NA		NA		NA	
Carbon Dioxide, Free	NA		NA		NA		NA		NA		NA	
Chloride			NA	108			NA		NA		NA	
Ferrous Iron	U		NA	0.030	U		NA		NA		NA	
Nitrate			NA	6.79			NA		NA		NA	
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA	
Nitrite-N	UJ		NA	0.050	UJ		NA		NA		NA	
Sulfate			NA	48.2			NA		NA		NA	
Sulfide	UJ		NA	0.50	UJ		NA		NA		NA	
Total Organic Carbon			NA	6.91			NA		NA		NA	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1,1-Trichloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1,2,2-Tetrachloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1,2-Trichloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1-Dichloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,1-Dichloroethene	NA		NA	1	U		NA		NA	5	U		NA
1,1-Dichloropropene	NA		NA	1	U		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA	1	U		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA	1	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA	1	U		NA		NA		NA		NA
1,2,4-Trimethylbenzene	NA		NA	0.7	L		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	NA		NA	1	U		NA		NA		NA		NA
1,2-Dibromoethane	NA		NA	1	U		NA		NA	5	U		NA
1,2-Dichlorobenzene	NA		NA	1	U		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA	1	U		NA		NA	5	U		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA	5	U		NA
1,2-Dichloropropane	NA		NA	1	U		NA		NA	5	U		NA
1,3,5-Trimethylbenzene	NA		NA	1	U		NA		NA		NA		NA
1,3-Dichlorobenzene	NA		NA	1	U		NA		NA		NA		NA
1,3-Dichloropropane	NA		NA	1	U		NA		NA		NA		NA
1,4-Dichlorobenzene	NA		NA	1	U		NA		NA		NA		NA
1,4-Dioxane	NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	NA		NA	1	U		NA		NA		NA		NA
2-Butanone	NA		NA	4	U		NA		NA	20	U		NA
2-Chloroethylvinylether	NA		NA		NA		NA		NA	15	U		NA
2-Chlorotoluene	NA		NA	1	U		NA		NA		NA		NA
2-Hexanone	NA		NA	0.6	U		NA		NA	3	U		NA
4-Chlorotoluene	NA		NA	1	U		NA		NA		NA		NA
4-Methyl-2-Pentanone	NA		NA	0.5	U		NA		NA	3	U		NA
Acetone	NA		NA	4.1	B,J		NA		NA	10	U		NA
Acrolein	NA		NA	10	U		NA		NA	50	U		NA
Acrylonitrile	NA		NA	5	U		NA		NA	25	U		NA
Benzene	NA		NA	1	U		NA		NA	5	U		NA
Bromobenzene	NA		NA	1	U		NA		NA		NA		NA
Bromochloromethane	NA		NA	1	U		NA		NA		NA		NA
Bromodichloromethane	NA		NA	1	U		NA		NA	5	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	NA		NA	1	U		NA		NA	5	U		NA
Bromomethane	NA		NA	1	U		NA		NA	5	U		NA
Carbon Disulfide	NA		NA	3	U		NA		NA	15	U		NA
Carbon Tetrachloride	NA		NA	1	U		NA		NA	5	U		NA
Chlorobenzene	NA		NA	1	U		NA		NA	5	U		NA
Chloroethane	NA		NA	1	U		NA		NA	5	U		NA
Chloroform	NA		NA	1	U		NA		NA	5	U		NA
Chloromethane	NA		NA	1	U		NA		NA	5	U		NA
cis-1,2-Dichloroethene	NA		NA	1	U		NA		NA		NA		NA
cis-1,3-Dichloropropene	NA		NA	1	U		NA		NA	5	U		NA
Cyclohexane	NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	NA		NA	1	U		NA		NA	5	U		NA
Dibromomethane	NA		NA	1	U		NA		NA		NA		NA
Dichlorobenzene Isomers	NA		NA		NA		NA		NA	5	U		NA
Dichlorodifluoromethane	NA		NA	1	U		NA		NA		NA		NA
Ethyl Ether	NA		NA	3	U		NA		NA	15	U		NA
Ethylbenzene	NA		NA	1	U		NA		NA	5	U		NA
Hexachlorobutadiene	NA		NA	1	U		NA		NA		NA		NA
Isopropylbenzene	NA		NA	1	U		NA		NA		NA		NA
m&p-Xylene	NA		NA	2	U		NA		NA		NA		NA
Methyl Acetate	NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	NA		NA	1	U		NA		NA		NA		NA
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA	1	U		NA		NA	5	U		NA
Naphthalene	NA		NA	1	U		NA		NA		NA		NA
N-Butylbenzene	NA		NA	1	U		NA		NA		NA		NA
N-Propylbenzene	NA		NA	1	U		NA		NA		NA		NA
o-Xylene	NA		NA	1	U		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA	1	U		NA		NA		NA		NA
Sec-Butylbenzene	NA		NA	1	U		NA		NA		NA		NA
Styrene	NA		NA	1	U		NA		NA	5	U		NA
Tert-Butylbenzene	NA		NA	1	U		NA		NA		NA		NA
Tetrachloroethene	NA		NA	1	U		NA		NA	5	U		NA
Tetrahydrofuran	NA		NA	7	U		NA		NA	35	U		NA
Toluene	NA		NA	1	U		NA		NA	5	U		NA
Total Xylenes	NA		NA		NA		NA		NA	5	U		NA
trans-1,2-Dichloroethene	NA		NA	1	U		NA		NA		NA		NA
trans-1,3-Dichloropropene	NA		NA	1	U		NA		NA	5	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	NA		NA	1	U		NA		NA	5	U		NA
Trichlorofluoromethane	NA		NA	1	U		NA		NA	5	U		NA
Vinyl Acetate	NA		NA	6	U		NA		NA	15	U		NA
Vinyl Chloride	NA		NA	1	U		NA		NA	5	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA	1	U
1,1,2,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA	1	U
1,1,2-Trichloroethane	NA		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA		NA	1	UJ
1,2-Dibromo-3-chloropropane	NA		NA		NA		NA		NA		NA		R
1,2-Dibromoethane	NA		NA		NA		NA		NA		NA	1	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA		NA	1	U
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA	1	U
1,2-Dichloropropane	NA		NA		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA		NA	1	U
2-Butanone	NA		NA		NA		NA		NA		NA	5	U
2-Hexanone	NA		NA		NA		NA		NA		NA	5	U
4-Methyl-2-Pentanone	NA		NA		NA		NA		NA		NA	5	U
Acetone	NA		NA		NA		NA		NA		NA	5	UJ
Benzene	NA		NA		NA		NA		NA		NA	1	U
Bromochloromethane	NA		NA		NA		NA		NA		NA	1	U
Bromodichloromethane	NA		NA		NA		NA		NA		NA	1	U
Bromoform	NA		NA		NA		NA		NA		NA	1	U
Bromomethane	NA		NA		NA		NA		NA		NA	1	U
Carbon Disulfide	NA		NA		NA		NA		NA		NA	1	U
Carbon Tetrachloride	NA		NA		NA		NA		NA		NA	1	UJ
Chlorobenzene	NA		NA		NA		NA		NA		NA	1	U
Chloroethane	NA		NA		NA		NA		NA		NA	1	U
Chloroform	NA		NA		NA		NA		NA		NA	1	U
Chloromethane	NA		NA		NA		NA		NA		NA	1	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	1	U
Dibromochloromethane	NA		NA		NA		NA		NA		NA	1	U
Ethylbenzene	NA		NA		NA		NA		NA		NA	1	U
Methylene Chloride	NA		NA		NA		NA		NA		NA	2	U
Styrene	NA		NA		NA		NA		NA		NA	1	U
Tetrachloroethene	NA		NA		NA		NA		NA		NA	0.8	J
Toluene	NA		NA		NA		NA		NA		NA	1	U
Total Xylenes	NA		NA		NA		NA		NA		NA	1	U
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA	1	U
trans-1,3-Dichloropropene	NA		NA		NA		NA		NA		NA	1	U
Trichloroethene	NA		NA		NA		NA		NA		NA	1	U
Vinyl Chloride	NA		NA		NA		NA		NA		NA	1	U
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	U	0.5	U		NA	0.5	U	0.5	U		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	U	0.5	U		NA	0.5	U	0.5	U		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
Benzene	U	0.5	U		NA	0.5	U	0.5	U		NA		NA
Chlorobenzene	U	5	U		NA	5	U	5	U		NA		NA
cis-1,2-Dichloroethene	U	1	U		NA	1	U	1	U		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	U	0.3	U		NA	0.3	U	0.3	U		NA		NA
Toluene	U	2	U		NA	2	U	2	U		NA		NA
trans-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	U	0.5	U		NA	0.5	U	0.5	U		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
1,2-Dichlorobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
1,3-Dichlorobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
1,4-Dichlorobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
2,2'-oxybis(1-Chloropropane)	NA		NA		NA		NA		NA	6.2	U	10	U
2,4,5-Trichlorophenol	NA		NA		NA		NA		NA	16	U	25	U
2,4,6-Trichlorophenol	NA		NA		NA		NA		NA	12	U	10	U
2,4-Dichlorophenol	NA		NA		NA		NA		NA	12	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	NA		NA		NA		NA		NA	12	U	10	U
2,4-Dinitrophenol	NA		NA		NA		NA		NA	16	U	25	UJ
2,4-Dinitrotoluene	NA		NA		NA		NA		NA	6.2	U	10	U
2,6-Dinitrotoluene	NA		NA		NA		NA		NA	6.2	U	10	U
2-Chloronaphthalene	NA		NA		NA		NA		NA	6.2	U	10	U
2-Chlorophenol	NA		NA		NA		NA		NA	12	U	10	U
2-Methylnaphthalene	NA		NA		NA		NA		NA	6.2	U	10	U
2-Methylphenol	NA		NA		NA		NA		NA	6.2	U	10	U
2-Nitroaniline	NA		NA		NA		NA		NA	16	U	25	U
2-Nitrophenol	NA		NA		NA		NA		NA	12	U	10	U
3,3'-Dichlorobenzidine	NA		NA		NA		NA		NA	6.2	U	10	U
3-Nitroaniline	NA		NA		NA		NA		NA	16	U	25	U
4,6-Dinitro-2-methylphenol	NA		NA		NA		NA		NA	16	U	25	UJ
4-Bromophenyl-phenylether	NA		NA		NA		NA		NA	6.2	U	10	U
4-Chloro-3-methylphenol	NA		NA		NA		NA		NA	12	U	10	U
4-Chloroaniline	NA		NA		NA		NA		NA	6.2	U	10	U
4-Chlorophenyl-phenylether	NA		NA		NA		NA		NA	6.2	U	10	U
4-Methylphenol	NA		NA		NA		NA		NA	6.2	U	10	U
4-Nitroaniline	NA		NA		NA		NA		NA	16	U	25	U
4-Nitrophenol	NA		NA		NA		NA		NA	16	U	25	U
Acenaphthene	NA		NA		NA		NA		NA	6.2	U	10	U
Acenaphthylene	NA		NA		NA		NA		NA	6.2	U	10	U
Acetophenone	NA		NA		NA		NA		NA		NA		NA
Aniline	NA		NA		NA		NA		NA	12	U		NA
Anthracene	NA		NA		NA		NA		NA	6.2	U	10	U
Atrazine	NA		NA		NA		NA		NA		NA		NA
Benzaldehyde	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA	6.2	U	10	U
Benzo(a)pyrene	NA		NA		NA		NA		NA	6.2	U	10	U
Benzo(b)fluoranthene	NA		NA		NA		NA		NA	6.2	U	10	U
Benzo(g,h,i)perylene	NA		NA		NA		NA		NA	6.2	U	10	U
Benzo(k)fluoranthene	NA		NA		NA		NA		NA	6.2	U	10	U
Benzoic acid	NA		NA		NA		NA		NA	16	U		NA
Benzyl Alcohol	NA		NA		NA		NA		NA	12	U		NA
Bis(2-Chloroethoxy)methane	NA		NA		NA		NA		NA	6.2	U	10	U
Bis(2-Chloroethyl)ether	NA		NA		NA		NA		NA	6.2	U	10	U
bis(2-Ethylhexyl)phthalate	NA		NA		NA		NA		NA	12		10	U
Butylbenzylphthalate	NA		NA		NA		NA		NA	6.2	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam	NA		NA		NA		NA		NA		NA		NA
Carbazole	NA		NA		NA		NA		NA	6.2	U	10	U
Chrysene	NA		NA		NA		NA		NA	6.2	U	10	UJ
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA	6.2	U	10	U
Dibenzofuran	NA		NA		NA		NA		NA	6.2	U	10	U
Diethylphthalate	NA		NA		NA		NA		NA	6.2	U	10	U
Dimethylphthalate	NA		NA		NA		NA		NA	6.2	U	10	U
Di-n-Butylphthalate	NA		NA		NA		NA		NA	6.2	U	10	U
Di-n-octylphthalate	NA		NA		NA		NA		NA	6.2	U	10	UJ
Diphenylhydrazine	NA		NA		NA		NA		NA	6.2	U		NA
Fluoranthene	NA		NA		NA		NA		NA	6.2	U	10	U
Fluorene	NA		NA		NA		NA		NA	6.2	U	10	U
Hexachlorobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA	6.2	U	10	U
Hexachlorocyclopentadiene	NA		NA		NA		NA		NA	6.2	U		R
Hexachloroethane	NA		NA		NA		NA		NA	6.2	U	10	U
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA	6.2	U	10	U
Isophorone	NA		NA		NA		NA		NA	6.2	U	10	U
Naphthalene	NA		NA		NA		NA		NA	6.2	U	10	U
Nitrobenzene	NA		NA		NA		NA		NA	6.2	U	10	U
N-Nitroso-di-n-propylamine	NA		NA		NA		NA		NA	6.2	U	10	U
N-Nitroso-diphenylamine	NA		NA		NA		NA		NA	6.2	U	10	U
Pentachlorophenol	NA		NA		NA		NA		NA	16	U	25	U
Phenanthrene	NA		NA		NA		NA		NA	6.2	U	10	U
Phenol	NA		NA		NA		NA		NA	12	U	10	U
Pyrene	NA		NA		NA		NA		NA	6.2	U	10	UJ
Total PAH	NA		NA		NA		NA		NA	6	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	NA		NA		NA		NA		NA		NA		NA
Chrysene	NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	NA		NA		NA		NA		NA		NA		NA
Phenanthrene	NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)													

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	NA		NA		NA		NA		NA		NA	0.10	U
4,4'-DDE	NA		NA		NA		NA		NA		NA	0.10	U
4,4'-DDT	NA		NA		NA		NA		NA		NA	0.10	U
Aldrin	NA		NA		NA		NA		NA		NA	0.050	U
alpha-BHC	NA		NA		NA		NA		NA		NA	0.050	U
alpha-Chlordane	NA		NA		NA		NA		NA		NA	0.050	U
Aroclor, Total	NA		NA		NA		NA		NA		NA	1.1	U
Aroclor-1016	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1221	NA		NA		NA		NA		NA		NA	2.0	U
Aroclor-1232	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1242	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1248	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1254	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1260	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1262	NA		NA		NA		NA		NA		NA	1.0	U
Aroclor-1268	NA		NA		NA		NA		NA		NA	1.0	U
beta-BHC	NA		NA		NA		NA		NA		NA	0.050	U
delta-BHC	NA		NA		NA		NA		NA		NA	0.050	U
Dieldrin	NA		NA		NA		NA		NA		NA	0.10	U
Endosulfan I	NA		NA		NA		NA		NA		NA	0.050	U
Endosulfan II	NA		NA		NA		NA		NA		NA		R
Endosulfan Sulfate	NA		NA		NA		NA		NA		NA	0.10	U
Endrin	NA		NA		NA		NA		NA		NA	0.10	U
Endrin Aldehyde	NA		NA		NA		NA		NA		NA	0.10	U
Endrin Ketone	NA		NA		NA		NA		NA		NA	0.10	U
gamma-BHC	NA		NA		NA		NA		NA		NA	0.050	U
gamma-Chlordane	NA		NA		NA		NA		NA		NA	0.050	U
Heptachlor	NA		NA		NA		NA		NA		NA	0.050	U
Heptachlor Epoxide	NA		NA		NA		NA		NA		NA	0.050	U
Methoxychlor	NA		NA		NA		NA		NA		NA	0.50	U
Toxaphene	NA		NA		NA		NA		NA		NA	5.0	U
Pesticide Analysis (UG/L)													
4,4'-DDD	NA		NA		NA		NA		NA	6.2	U		NA
4,4'-DDE	NA		NA		NA		NA		NA	6.2	U		NA
4,4'-DDT	NA		NA		NA		NA		NA	6.2	U		NA
Aldrin	NA		NA		NA		NA		NA	6.2	U		NA
beta-BHC	NA		NA		NA		NA		NA	6.2	U		NA
delta-BHC	NA		NA		NA		NA		NA	6.2	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	NA		NA		NA		NA		NA	6.2	U		NA
Heptachlor	NA		NA		NA		NA		NA	6.2	U		NA
Heptachlor Epoxide	NA		NA		NA		NA		NA	6.2	U		NA
Toxaphene	NA		NA		NA		NA		NA	6.2	U		NA
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	NA		NA		NA		NA		NA		NA		NA
OCDD	NA		NA		NA		NA		NA		NA		NA
OCDF	NA		NA		NA		NA		NA		NA		NA
Total HpCDD	NA		NA		NA		NA		NA		NA		NA
Total HpCDF	NA		NA		NA		NA		NA		NA		NA
Total HxCDD	NA		NA		NA		NA		NA		NA		NA
Total HxCDF	NA		NA		NA		NA		NA		NA		NA
Total PeCDD	NA		NA		NA		NA		NA		NA		NA
Total PeCDF	NA		NA		NA		NA		NA		NA		NA
Total TCDD	NA		NA		NA		NA		NA		NA		NA
Total TCDF	NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)													
Aluminum	NA		NA		NA		NA		NA	3160		3590	
Antimony	NA		NA		NA		NA		NA	50.0	U	3.0	U
Arsenic	NA		NA		NA		NA		NA	100	U	8.0	
Barium	NA		NA		NA		NA		NA	21.0		20.7	
Beryllium	NA		NA		NA		NA		NA	5.0	U	1.0	U
Cadmium	NA		NA		NA		NA		NA	15.0	U	2.2	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		GW-203-0020		RM-GW203-0045		GW-203-0045		GW-203-0040		MW-203D		OU2-MW-203D-02	
Sample Location		203		203		203		203		MW-203D		MW-203D	
Date Sampled		5/29/2002		5/29/2002		5/30/2002		5/30/2002		8/27/1996		11/11/1997	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		24.0-29.0		0.0-0.0	
QC Identifier		None		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	NA		NA		NA		NA		NA	111000		122000	
Chromium	NA		NA		NA		NA		NA	15.0	U	3.6	
Cobalt	NA		NA		NA		NA		NA	15.0	U	12.5	U
Copper	NA		NA		NA		NA		NA	15.0	U	2.0	U
Iron	NA		NA		NA		NA		NA	109		284	
Lead	NA		NA		NA		NA		NA	100	U	1.9	UJ
Magnesium	NA		NA		NA		NA		NA	32800		33400	
Manganese	NA		NA		NA		NA		NA	7200		6810	
Mercury	NA		NA		NA		NA		NA		NA	0.10	U
Nickel	NA		NA		NA		NA		NA	60.0	U	25.8	
Potassium	NA		NA		NA		NA		NA		NA	17600	
Selenium	NA		NA		NA		NA		NA	50.0	U	3.0	U
Silver	NA		NA		NA		NA		NA	15.0	U	1.0	U
Sodium	NA		NA		NA		NA		NA		NA	202000	
Thallium	NA		NA		NA		NA		NA	100	U	3.0	U
Vanadium	NA		NA		NA		NA		NA	15.0	U	1.0	U
Zinc	NA		NA		NA		NA		NA	29.3		8.5	U
Wet Chemistry Analysis													
Alkalinity	NA		NA		NA		NA		NA		NA	4.2	
Carbon Dioxide	NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free	NA		NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA	355	
Ferrous Iron	NA		NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)	NA		NA		NA		NA		NA		NA	3.39	
Nitrite-N	NA		NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA	326	
Sulfide	NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA	1	U	1	U	1	U
1,1,1-Trichloroethane	10	U		NA	10	U	1	U	6		1	U
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1,2-Trichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1-Dichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1-Dichloroethene	0.9	U		NA	0.9	U	1	U	1		1	U
1,1-Dichloropropene		NA		NA		NA	1	U	1	U	1	U
1,2,3-Trichlorobenzene		NA		NA		NA	1	U	1	U	1	U
1,2,3-Trichloropropane		NA		NA		NA	1	U	1	U	1	U
1,2,4-Trichlorobenzene	10	UJ		NA	10	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dibromoethane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U		NA	10	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA	1	U	1	U	1	U
1,3-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA	1	U	1	U	1	U
1,4-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	1	U	1	U	1	U
2-Butanone	10	U		NA	10	U	4	U	4	U	4	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA	1	U	1	U	1	U
2-Hexanone	10	U		NA	10	U	0.6	U	0.6	U	0.6	U
4-Chlorotoluene		NA		NA		NA	1	U	1	U	1	U
4-Methyl-2-Pentanone	10	U		NA	10	U	0.5	U	0.5	U	0.5	U
Acetone	10	UJ		NA	10	UJ	3.4	B,J	6.9	B,J	4.8	B,J
Acrolein		NA		NA		NA	10	U	10	U	10	U
Acrylonitrile		NA		NA		NA	5	U	5	U	5	U
Benzene	10	U		NA	10	U	1	U	1	U	1	U
Bromobenzene		NA		NA		NA	1	U	1	U	1	U
Bromochloromethane		NA		NA		NA	1	U	1	U	1	U
Bromodichloromethane	10	U		NA	5	J	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U		NA	10	U	1	U	1	U	1	U
Bromomethane	10	U		NA	10	U	1	U	1	U	1	U
Carbon Disulfide	10	U		NA	10	U	3	U	3	U	3	U
Carbon Tetrachloride	10	U		NA	10	U	1	U	1	U	1	U
Chlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
Chloroethane	10	U		NA	10	U	1	U	1	U	1	U
Chloroform	10	U		NA	26		1	U	1	U	1	U
Chloromethane	10	U		NA	10	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	10	U		NA	10	U	1	U	1	U	1.2	
cis-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U
Cyclohexane	10	U		NA	10	U		NA		NA		NA
Dibromochloromethane	10	U		NA	10	U	1	U	1	U	1	U
Dibromomethane		NA		NA		NA	1	U	1	U	1	U
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA	10	U	1	U	1	U	1	U
Ethyl Ether		NA		NA		NA	3	U	3	U	3	U
Ethylbenzene	10	U		NA	10	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA	1	U	1	U	1	U
Isopropylbenzene	10	U		NA	10	U	1	U	1	U	1	U
m&p-Xylene		NA		NA		NA	2	U	2	U	2	U
Methyl Acetate	10	U		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether	1	J		NA	10	U	1	U	1	U	0.94	L
Methylcyclohexane	10	U		NA	10	U		NA		NA		NA
Methylene Chloride	10	UJ		NA	10	U	1	U	1	U	1	U
Naphthalene		NA		NA		NA	1	U	1	U	1	U
N-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
N-Propylbenzene		NA		NA		NA	1	U	1	U	1	U
o-Xylene		NA		NA		NA	1	U	1	U	1	U
p-Isopropyltoluene		NA		NA		NA	1	U	1	U	1	U
Sec-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
Styrene	10	U		NA	10	U	1	U	1	U	1	U
Tert-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
Tetrachloroethene	10	U		NA	10	U	1	U	1	U	11	
Tetrahydrofuran		NA		NA		NA	7	U	7	U	7	U
Toluene	10	U		NA	10	U	0.76	L	0.98	L	1	U
Total Xylenes	10	U		NA	10	U		NA		NA		NA
trans-1,2-Dichloroethene	10	U		NA	10	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	10	U		NA	10	U	1	U	1	U	2.3	
Trichlorofluoromethane	10	U		NA	10	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA	6	U	6	U	6	U
Vinyl Chloride	1	U		NA	1	U	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	2.8			NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA	0.5	U		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA	0.5	U		NA		NA		NA		NA
Chlorobenzene		NA	5	U		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	0.5	U		NA		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA	0.5	U		NA		NA		NA		NA
Vinyl Chloride		NA	0.1	U		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA	25	U		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA	10	U		NA		NA		NA
2,4-Dichlorophenol	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U		NA	10	U		NA		NA		NA
2,4-Dinitrophenol	25	U		NA	25	U		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2-Chloronaphthalene	10	U		NA	10	U		NA		NA		NA
2-Chlorophenol	10	U		NA	10	U		NA		NA		NA
2-Methylnaphthalene	10	U		NA	10	U		NA		NA		NA
2-Methylphenol	10	U		NA	10	U		NA		NA		NA
2-Nitroaniline	25	U		NA	25	U		NA		NA		NA
2-Nitrophenol	10	U		NA	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA	10	U		NA		NA		NA
3-Nitroaniline	25	U		NA	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA	25	U		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA	10	U		NA		NA		NA
4-Chloroaniline	10	UJ		NA	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Methylphenol	10	U		NA	10	U		NA		NA		NA
4-Nitroaniline	25	U		NA	25	U		NA		NA		NA
4-Nitrophenol	25	U		NA	25	U		NA		NA		NA
Acenaphthene	10	U		NA	10	U		NA		NA		NA
Acenaphthylene	10	U		NA	10	U		NA		NA		NA
Acetophenone	10	U		NA	10	U		NA		NA		NA
Aniline		NA		NA		NA		NA		NA		NA
Anthracene	10	U		NA	10	U		NA		NA		NA
Atrazine	10	U		NA	10	U		NA		NA		NA
Benzaldehyde	10	UJ		NA	10	UJ		NA		NA		NA
Benzo(a)anthracene	10	U		NA	10	U		NA		NA		NA
Benzo(a)pyrene	10	U		NA	10	U		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA	10	U		NA		NA		NA
Benzo(g,h,i)perylene	10	UJ		NA	10	U		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA	10	U		NA		NA		NA
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U		NA		NA		NA
Butylbenzylphthalate	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam	10	U		NA	10	U		NA		NA		NA
Carbazole	10	U		NA	10	U		NA		NA		NA
Chrysene	10	U		NA	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA	10	U		NA		NA		NA
Dibenzofuran	10	U		NA	10	U		NA		NA		NA
Diethylphthalate	10	U		NA	10	U		NA		NA		NA
Dimethylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-Butylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-octylphthalate	10	UJ		NA	10	U		NA		NA		NA
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA	10	U		NA		NA		NA
Fluorene	10	U		NA	10	U		NA		NA		NA
Hexachlorobenzene	10	U		NA	10	U		NA		NA		NA
Hexachlorobutadiene	10	U		NA	10	U		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA	10	U		NA		NA		NA
Hexachloroethane	10	U		NA	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA	10	U		NA		NA		NA
Isophorone	10	U		NA	10	U		NA		NA		NA
Naphthalene	10	U		NA	10	U		NA		NA		NA
Nitrobenzene	10	U		NA	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA	10	U		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA	10	U		NA		NA		NA
Pentachlorophenol	25	U		NA	25	U		NA		NA		NA
Phenanthrene	10	U		NA	10	U		NA		NA		NA
Phenol	10	U		NA	10	U		NA		NA		NA
Pyrene	10	U		NA	10	U		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA		NA		NA
Chrysene	0.20	U		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA		NA		NA
Phenanthrene	0.20	U		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U		NA	0.10	U		NA		NA		NA
4,4'-DDE	0.10	U		NA	0.10	U		NA		NA		NA
4,4'-DDT	0.10	U		NA	0.10	U		NA		NA		NA
Aldrin	0.050	U		NA	0.050	U		NA		NA		NA
alpha-BHC	0.050	U		NA	0.050	U		NA		NA		NA
alpha-Chlordane	0.050	U		NA	0.050	U		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1221	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1232	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1242	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1248	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1254	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1260	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1262	0.28	U		NA	0.28	U		NA		NA		NA
Aroclor-1268	1.0	U		NA	1.0	U		NA		NA		NA
beta-BHC	0.050	U		NA	0.050	U		NA		NA		NA
delta-BHC	0.050	U		NA	0.050	U		NA		NA		NA
Dieldrin	0.050	U		NA	0.050	U		NA		NA		NA
Endosulfan I	0.050	U		NA	0.050	U		NA		NA		NA
Endosulfan II	0.10	U		NA	0.10	U		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA	0.10	U		NA		NA		NA
Endrin	0.050	U		NA	0.050	U		NA		NA		NA
Endrin Aldehyde	0.10	U		NA	0.10	U		NA		NA		NA
Endrin Ketone	0.10	U		NA	0.10	U		NA		NA		NA
gamma-BHC	0.050	U		NA	0.050	U		NA		NA		NA
gamma-Chlordane	0.050	U		NA	0.050	U		NA		NA		NA
Heptachlor	0.020	U		NA	0.020	U		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA	0.020	U		NA		NA		NA
Methoxychlor	0.50	U		NA	0.50	U		NA		NA		NA
Toxaphene	5.0	U		NA	5.0	U		NA		NA		NA
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	2610			NA	221	U		NA		NA		NA
Antimony	2.3	U		NA	2.3	U		NA		NA		NA
Arsenic	4.8	U		NA	4.8	U		NA		NA		NA
Barium	13.2			NA	27.8			NA		NA		NA
Beryllium	0.57	U		NA	0.10	U		NA		NA		NA
Cadmium	1.9			NA	0.30	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-203D-07		OU2-GW-203S-07		OU2-MW-203S-07		RM-GW204-0034		RM-GW204-0025		RM-GW204-0019	
Sample Location	MW-203D		MW-203S		MW-203S		204		204		204	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		5/29/2002		5/29/2002		5/29/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	116000			NA	29400			NA		NA		NA
Chromium	0.60	U		NA	0.66	J		NA		NA		NA
Cobalt	8.2			NA	1.0	U		NA		NA		NA
Copper	0.60	U		NA	1.0	J		NA		NA		NA
Iron	18.7	U		NA	73.1	U		NA		NA		NA
Lead	2.2	UJ		NA	2.2	UJ		NA		NA		NA
Magnesium	28600			NA	3650			NA		NA		NA
Manganese	5620			NA	160			NA		NA		NA
Mercury	0.10	U		NA	0.10	U		NA		NA		NA
Nickel	18.1			NA	1.1	U		NA		NA		NA
Potassium	13500			NA	3290			NA		NA		NA
Selenium	4.8	U		NA	4.8	U		NA		NA		NA
Silver	0.60	U		NA	0.60	U		NA		NA		NA
Sodium	192000			NA	42600			NA		NA		NA
Thallium	4.7	U		NA	4.7	U		NA		NA		NA
Vanadium	0.50	U		NA	0.50	U		NA		NA		NA
Zinc	3.3			NA	2.3	J		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1,1-Trichloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1,2,2-Tetrachloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1,2-Trichloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1-Dichloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,1-Dichloroethene		NA		NA		NA	1	U		NA		NA	1	U
1,1-Dichloropropene		NA		NA		NA	1	U		NA		NA	1	U
1,2,3-Trichlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
1,2,3-Trichloropropane		NA		NA		NA	1	U		NA		NA	1	U
1,2,4-Trichlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
1,2,4-Trimethylbenzene		NA		NA		NA	1	U		NA		NA	1	U
1,2-Dibromo-3-chloropropane		NA		NA		NA	1	U		NA		NA	1	U
1,2-Dibromoethane		NA		NA		NA	1	U		NA		NA	1	U
1,2-Dichlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
1,2-Dichloroethane		NA		NA		NA	1	U		NA		NA	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA	1	U		NA		NA	1	U
1,3,5-Trimethylbenzene		NA		NA		NA	1	U		NA		NA	1	U
1,3-Dichlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
1,3-Dichloropropane		NA		NA		NA	1	U		NA		NA	1	U
1,4-Dichlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	1	U		NA		NA	1	U
2-Butanone		NA		NA		NA	4	U		NA		NA	4	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA	1	U		NA		NA	1	U
2-Hexanone		NA		NA		NA	0.6	U		NA		NA	0.6	U
4-Chlorotoluene		NA		NA		NA	1	U		NA		NA	1	U
4-Methyl-2-Pentanone		NA		NA		NA	0.5	U		NA		NA	0.5	U
Acetone		NA		NA		NA	0.72	J,B		NA		NA	2	U
Acrolein		NA		NA		NA	10	U		NA		NA	10	U
Acrylonitrile		NA		NA		NA	5	U		NA		NA	5	U
Benzene		NA		NA		NA	1	U		NA		NA	1	U
Bromobenzene		NA		NA		NA	1	U		NA		NA	1	U
Bromochloromethane		NA		NA		NA	1	U		NA		NA	1	U
Bromodichloromethane		NA		NA		NA	1	U		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform		NA		NA		NA	1	U		NA		NA	1	U
Bromomethane		NA		NA		NA	5	U		NA		NA	5	U
Carbon Disulfide		NA		NA		NA	3	U		NA		NA	3	U
Carbon Tetrachloride		NA		NA		NA	1	U		NA		NA	1	U
Chlorobenzene		NA		NA		NA	1	U		NA		NA	1	U
Chloroethane		NA		NA		NA	5	U		NA		NA	5	U
Chloroform		NA		NA		NA	1	U		NA		NA	1	U
Chloromethane		NA		NA		NA	5	U		NA		NA	5	U
cis-1,2-Dichloroethene		NA		NA		NA	1	U		NA		NA	1	U
cis-1,3-Dichloropropene		NA		NA		NA	1	U		NA		NA	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA	1	U		NA		NA	1	U
Dibromomethane		NA		NA		NA	1	U		NA		NA	1	U
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA		NA	1	U		NA		NA	1	U
Ethyl Ether		NA		NA		NA	3	U		NA		NA	3	U
Ethylbenzene		NA		NA		NA	1	U		NA		NA	1	U
Hexachlorobutadiene		NA		NA		NA	1	U		NA		NA	1	U
Isopropylbenzene		NA		NA		NA	1	U		NA		NA	1	U
m&p-Xylene		NA		NA		NA	2	U		NA		NA	2	U
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA		NA	5	U		NA		NA	5	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA	1	U		NA		NA	1	U
Naphthalene		NA		NA		NA	1	U		NA		NA	1	U
N-Butylbenzene		NA		NA		NA	1	U		NA		NA	1	U
N-Propylbenzene		NA		NA		NA	1	U		NA		NA	1	U
o-Xylene		NA		NA		NA	1	U		NA		NA	1	U
p-Isopropyltoluene		NA		NA		NA	1	U		NA		NA	1	U
Sec-Butylbenzene		NA		NA		NA	1	U		NA		NA	1	U
Styrene		NA		NA		NA	1	U		NA		NA	1	U
Tert-Butylbenzene		NA		NA		NA	1	U		NA		NA	1	U
Tetrachloroethene		NA		NA		NA	1	U		NA		NA	1	U
Tetrahydrofuran		NA		NA		NA	1.7	L		NA		NA	7	U
Toluene		NA		NA		NA	2.1			NA		NA	1	U
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA	1	U		NA		NA	1	U
trans-1,3-Dichloropropene		NA		NA		NA	1	U		NA		NA	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene		NA		NA		NA	1	U		NA		NA	1	U
Trichlorofluoromethane		NA		NA		NA	1	U		NA		NA	1	U
Vinyl Acetate		NA		NA		NA	6	U		NA		NA	6	U
Vinyl Chloride		NA		NA		NA	1	U		NA		NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	0.5	U	5		0.5	U		NA	0.5	U	0.5	U		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	0.5	U	0.6		0.5	U		NA	0.5	U	0.5	U		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene	0.5	U	0.5	U	0.5	U		NA	0.5	U	0.5	U		NA
Chlorobenzene	5	U	5	U	5	U		NA	5	U	5	U		NA
cis-1,2-Dichloroethene	1		1	U	1	U		NA	1	U	1	U		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	12		0.3	U	0.3	U		NA	0.3	U	0.3	U		NA
Toluene	2	U	1.7		2	U		NA	1.3		2.9			NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene	2.3		0.5	U	0.5	U		NA	0.5	U	0.5	U		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Aniline		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzoic acid		NA		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA		NA
Diphenylhydrazine		NA		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Pesticide Analysis (UG/L)														
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-204-0019		GW-204-0025		GW-204-0052		RM-GW204-0044		GW-204-0034		GW-204-0044		RM-GW204-0052	
Sample Location	204		204		204		204		204		204		204	
Date Sampled	5/29/2002		5/29/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium		NA		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	5	U		NA		NA		NA	1	U	1	U
1,1,1-Trichloroethane	13000		5400		730	*		NA	1	U	1	U
1,1,2,2-Tetrachloroethane	5	U	500	U	10	U		NA	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U		NA	10	U		NA	1	U	1	U
1,1,2-Trichloroethane	7.8		500	U	10	U		NA	1	U	1	U
1,1-Dichloroethane	410		310		200			NA	1	U	1	U
1,1-Dichloroethene	2300		1450		890	*		NA	1	U	1	U
1,1-Dichloropropene		NA		NA		NA		NA	1	U	1	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA	1	U	1	U
1,2,3-Trichloropropane		NA		NA		NA		NA	1	U	1	U
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	1	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA	1.3		0.94	L
1,2-Dibromo-3-chloropropane		NA		NA	10	UJ		NA	1	U	1	U
1,2-Dibromoethane	5	U		NA	10	U		NA	1	U	1	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	1	U	1	U
1,2-Dichloroethane	7.1		500	U	10	U		NA	1	U	1	U
1,2-Dichloroethene (total)	770		565			NA		NA		NA		NA
1,2-Dichloropropane	5	U	500	U	10	U		NA	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA	1	U	1	U
1,3-Dichlorobenzene		NA		NA	10	U		NA	1	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA	1	U	1	U
1,4-Dichlorobenzene		NA		NA	10	U		NA	1	U	1	U
1,4-Dioxane		NA		NA	180	J		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA	1	U	1	U
2-Butanone	20	U	500	U	10	U		NA	4	U	4	U
2-Chloroethylvinylether	15	U		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA	1	U	1	U
2-Hexanone	3	U	500	U	10	U		NA	0.6	U	0.6	U
4-Chlorotoluene		NA		NA		NA		NA	1	U	1	U
4-Methyl-2-Pentanone	3	U	500	U	10	U		NA	0.5	U	0.5	U
Acetone	10	U	500	U	10	UJ		NA	2.5	B,J	2	U
Acrolein	50	U		NA		NA		NA	10	U	10	U
Acrylonitrile	25	U		NA		NA		NA	5	U	5	U
Benzene	5	U	500	U	10	U		NA	1	U	1	U
Bromobenzene		NA		NA		NA		NA	1	U	1	U
Bromochloromethane		NA		NA		NA		NA	1	U	1	U
Bromodichloromethane	5	U	500	U	10	U		NA	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	5	U	500	U	10	U		NA	1	U	1	U
Bromomethane	5	U	500	U	10	U		NA	1	U	5	U
Carbon Disulfide	15	U	500	U	10	U		NA	3	U	3	U
Carbon Tetrachloride	5	U	500	U	10	U		NA	1	U	1	U
Chlorobenzene	15		500	U	5	J		NA	1	U	1	U
Chloroethane	14		500	U	10	U		NA	1	U	5	U
Chloroform	6.8		500	U	2	J		NA	1	U	1	U
Chloromethane	5	U	500	U	10	U		NA	1	U	5	U
cis-1,2-Dichloroethene		NA		NA	320			NA	1	U	1	U
cis-1,3-Dichloropropene	5	U	500	U	10	U		NA	1	U	1	U
Cyclohexane		NA		NA	10	U		NA		NA		NA
Dibromochloromethane	5	U	500	U	10	U		NA	1	U	1	U
Dibromomethane		NA		NA		NA		NA	1	U	1	U
Dichlorobenzene Isomers	5	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA	1	U	1	U
Ethyl Ether	15	U		NA		NA		NA	3	U	3	U
Ethylbenzene	5	U	500	U	10	U		NA	1	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA	1	U	1	U
Isopropylbenzene		NA		NA	10	U		NA	1	U	1	U
m&p-Xylene		NA		NA		NA		NA	2	U	2	U
Methyl Acetate		NA		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether		NA		NA	2	J		NA	1	U	5	U
Methylcyclohexane		NA		NA	10	U		NA		NA		NA
Methylene Chloride	9.6		500	U	10	U		NA	1	U	1	U
Naphthalene		NA		NA		NA		NA	0.6	L	1	U
N-Butylbenzene		NA		NA		NA		NA	1	U	1	U
N-Propylbenzene		NA		NA		NA		NA	1	U	1	U
o-Xylene		NA		NA		NA		NA	1	U	1	U
p-Isopropyltoluene		NA		NA		NA		NA	1	U	1	U
Sec-Butylbenzene		NA		NA		NA		NA	1	U	1	U
Styrene	5	U	500	U	10	U		NA	1	U	1	U
Tert-Butylbenzene		NA		NA		NA		NA	1	U	1	U
Tetrachloroethene	15		500	U	3	J		NA	1	U	1	U
Tetrahydrofuran	35	U		NA		NA		NA	7	U	7	U
Toluene	5	U	500	U	10	U		NA	1	U	1	U
Total Xylenes	5	U	500	U	10	U		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA	10	U		NA	1	U	1	U
trans-1,3-Dichloropropene	5	U	500	U	10	U		NA	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	2300		1100		830	*		NA	1	U	1	U
Trichlorofluoromethane	5	U		NA	10	U		NA	1	U	1	U
Vinyl Acetate	15	U		NA		NA		NA	6	U	6	U
Vinyl Chloride	40		500	U	15			NA	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA	0.3			NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA	0.5	U		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA	0.5	U		NA		NA
Chlorobenzene		NA		NA		NA	5	U		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA	1	U		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA	0.3	U		NA		NA
Toluene		NA		NA		NA	2	U		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA	1.1			NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene	6.2	U	10	U		NA		NA		NA		NA
1,2-Dichlorobenzene	6.2	U	10	U		NA		NA		NA		NA
1,3-Dichlorobenzene	6.2	U	10	U		NA		NA		NA		NA
1,4-Dichlorobenzene	6.2	U	10	U		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	6.2	U	10	U	10	U		NA		NA		NA
2,4,5-Trichlorophenol	16	U	25	U	25	U		NA		NA		NA
2,4,6-Trichlorophenol	12	U	10	U	10	U		NA		NA		NA
2,4-Dichlorophenol	12	U	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	12	U	10	U	10	U		NA		NA		NA
2,4-Dinitrophenol	16	U	25	U	25	U		NA		NA		NA
2,4-Dinitrotoluene	6.2	U	10	U	10	U		NA		NA		NA
2,6-Dinitrotoluene	6.2	U	10	U	10	U		NA		NA		NA
2-Chloronaphthalene	6.2	U	10	U	10	U		NA		NA		NA
2-Chlorophenol	12	U	10	U	10	U		NA		NA		NA
2-Methylnaphthalene	6.2	U	10	U	10	U		NA		NA		NA
2-Methylphenol	6.2	U	10	U	10	U		NA		NA		NA
2-Nitroaniline	16	U	25	U	25	UJ		NA		NA		NA
2-Nitrophenol	12	U	10	U	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	6.2	U	10	U	10	U		NA		NA		NA
3-Nitroaniline	16	U	25	U	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol	16	U	25	U	25	U		NA		NA		NA
4-Bromophenyl-phenylether	6.2	U	10	U	10	U		NA		NA		NA
4-Chloro-3-methylphenol	12	U	10	U	10	U		NA		NA		NA
4-Chloroaniline	6.2	U	10	U	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	6.2	U	10	U	10	U		NA		NA		NA
4-Methylphenol	6.2	U	10	U	10	UJ		NA		NA		NA
4-Nitroaniline	16	U	25	U	25	UJ		NA		NA		NA
4-Nitrophenol	60		68.5		2	J		NA		NA		NA
Acenaphthene	6.2	U	10	U	10	U		NA		NA		NA
Acenaphthylene	6.2	U	10	U	10	U		NA		NA		NA
Acetophenone		NA		NA	10	UJ		NA		NA		NA
Aniline	12	U		NA		NA		NA		NA		NA
Anthracene	6.2	U	10	U	10	U		NA		NA		NA
Atrazine		NA		NA	10	U		NA		NA		NA
Benzaldehyde		NA		NA	10	U		NA		NA		NA
Benzo(a)anthracene	6.2	U	10	U	10	U		NA		NA		NA
Benzo(a)pyrene	6.2	U	10	U	10	U		NA		NA		NA
Benzo(b)fluoranthene	6.2	U	10	U	10	U		NA		NA		NA
Benzo(g,h,i)perylene	6.2	U	10	U	10	U		NA		NA		NA
Benzo(k)fluoranthene	6.2	U	10	U	10	U		NA		NA		NA
Benzoic acid	16	U		NA		NA		NA		NA		NA
Benzyl Alcohol	12	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	6.2	U	10	U	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	6.2	U	10	U	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	41		10	U	10	U		NA		NA		NA
Butylbenzylphthalate	6.2	U	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA	10	U		NA		NA		NA
Carbazole	6.2	U	10	U	10	U		NA		NA		NA
Chrysene	6.2	U	10	U	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	6.2	U	10	U	10	U		NA		NA		NA
Dibenzofuran	6.2	U	10	U	10	U		NA		NA		NA
Diethylphthalate	6.2	U	10	U	10	U		NA		NA		NA
Dimethylphthalate	6.2	U	10	U	10	U		NA		NA		NA
Di-n-Butylphthalate	6.2	U	10	U	10	U		NA		NA		NA
Di-n-octylphthalate	6.2	U	10	U	10	UJ		NA		NA		NA
Diphenylhydrazine	6.2	U		NA		NA		NA		NA		NA
Fluoranthene	6.2	U	10	U	10	U		NA		NA		NA
Fluorene	6.2	U	10	U	10	U		NA		NA		NA
Hexachlorobenzene	6.2	U	10	U	10	U		NA		NA		NA
Hexachlorobutadiene	6.2	U	10	U	10	U		NA		NA		NA
Hexachlorocyclopentadiene	6.2	U	10	U	10	U		NA		NA		NA
Hexachloroethane	6.2	U	10	U	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	6.2	U	10	U	10	U		NA		NA		NA
Isophorone	6.2	U	10	U	10	U		NA		NA		NA
Naphthalene	5	L	3.5		10	U		NA		NA		NA
Nitrobenzene	6.2	U	10	U	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	6.2	U	10	U	10	UJ		NA		NA		NA
N-Nitroso-diphenylamine	6.2	U	10	U	10	U		NA		NA		NA
Pentachlorophenol	16	U	25	U	25	U		NA		NA		NA
Phenanthrene	6.2	U	10	U	10	U		NA		NA		NA
Phenol	12	U	10	U	10	U		NA		NA		NA
Pyrene	6.2	U	10	U	10	U		NA		NA		NA
Total PAH	5		3.5			NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA		NA
Chrysene		NA		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA		NA
Phenanthrene		NA		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA	0.10	U	0.10	U		NA		NA		NA
4,4'-DDE		NA	0.10	U	0.10	U		NA		NA		NA
4,4'-DDT		NA	0.10	U	0.10	U		NA		NA		NA
Aldrin		NA	0.050	U	0.050	U		NA		NA		NA
alpha-BHC		NA	0.050	U	0.050	U		NA		NA		NA
alpha-Chlordane		NA	0.050	U	0.050	U		NA		NA		NA
Aroclor, Total		NA	1.1	U		NA		NA		NA		NA
Aroclor-1016		NA	1.0	U	1.0	U		NA		NA		NA
Aroclor-1221		NA	2.0	U	0.25	U		NA		NA		NA
Aroclor-1232		NA	1.0	U	1.0	U		NA		NA		NA
Aroclor-1242		NA	1.0	U	1.0	U		NA		NA		NA
Aroclor-1248		NA	1.0	U	1.0	U		NA		NA		NA
Aroclor-1254		NA	1.0	U	0.25	U		NA		NA		NA
Aroclor-1260		NA	1.0	U	0.25	U		NA		NA		NA
Aroclor-1262		NA	1.0	U	0.28	U		NA		NA		NA
Aroclor-1268		NA	1.0	U	1.0	U		NA		NA		NA
beta-BHC		NA	0.050	U	0.050	U		NA		NA		NA
delta-BHC		NA	0.050	U	0.050	U		NA		NA		NA
Dieldrin		NA	0.10	U	0.050	U		NA		NA		NA
Endosulfan I		NA	0.050	U	0.050	U		NA		NA		NA
Endosulfan II		NA	0.10	U	0.10	U		NA		NA		NA
Endosulfan Sulfate		NA	0.10	U	0.10	U		NA		NA		NA
Endrin		NA	0.10	U	0.050	U		NA		NA		NA
Endrin Aldehyde		NA	0.10	U	0.10	U		NA		NA		NA
Endrin Ketone		NA	0.10	U	0.10	U		NA		NA		NA
gamma-BHC		NA	0.050	U	0.050	U		NA		NA		NA
gamma-Chlordane		NA	0.050	U	0.050	U		NA		NA		NA
Heptachlor		NA	0.050	U	0.020	U		NA		NA		NA
Heptachlor Epoxide		NA	0.050	U	0.020	U		NA		NA		NA
Methoxychlor		NA	0.50	U	0.50	U		NA		NA		NA
Toxaphene		NA	5.0	U	5.0	U		NA		NA		NA
Pesticide Analysis (UG/L)												
4,4'-DDD	6.2	U		NA		NA		NA		NA		NA
4,4'-DDE	6.2	U		NA		NA		NA		NA		NA
4,4'-DDT	6.2	U		NA		NA		NA		NA		NA
Aldrin	6.2	U		NA		NA		NA		NA		NA
beta-BHC	6.2	U		NA		NA		NA		NA		NA
delta-BHC	6.2	U		NA		NA		NA		NA		NA

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Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	6.2	U		NA		NA		NA		NA		NA
Heptachlor	6.2	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	6.2	U		NA		NA		NA		NA		NA
Toxaphene	6.2	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	100	U	17.95	U	86.8	U		NA		NA		NA
Antimony	50.0	U	4.0	U	3.5	U		NA		NA		NA
Arsenic	100	U	6.0	U	2.9	U		NA		NA		NA
Barium	44.0		50.45		27.9			NA		NA		NA
Beryllium	5.0	U	1.0	U	0.23	U		NA		NA		NA
Cadmium	15.0	U	1.0	U	0.82	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-204D		OU2-MW-204D-02-AVG		OU2-MW-204D-07		GW-205-0017		RM-GW205-0037		RM-GW205-0027	
Sample Location	MW-204D		MW-204D		MW-204D		205		205		205	
Date Sampled	8/28/1996		11/17/1997		12/12/2002		5/30/2002		5/30/2002		5/30/2002	
Interval	45.0-50.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 6		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	22400		16850		37100			NA		NA		NA
Chromium	15.0	U	1.7		0.90	U		NA		NA		NA
Cobalt	25.0	U	7.8		32.1			NA		NA		NA
Copper	15.0	U	33.7	U	1.3	UJ		NA		NA		NA
Iron	125		56.15	U	18.1	U		NA		NA		NA
Lead	100	U	3.0	U	2.3	U		NA		NA		NA
Magnesium	15100		15350		14400			NA		NA		NA
Manganese	9100		6245		8900			NA		NA		NA
Mercury		NA	0.295		0.20	U		NA		NA		NA
Nickel	60.0	U	11.2	U	37.1			NA		NA		NA
Potassium		NA	4755		5470			NA		NA		NA
Selenium	50.0	U	3.3	U	3.0	UJ		NA		NA		NA
Silver	15.0	U	1.3		1.2	J		NA		NA		NA
Sodium		NA	161000		131000			NA		NA		NA
Thallium	100	U	6.0	U	3.1	U		NA		NA		NA
Vanadium	15.0	U	1.0	U	1.0	U		NA		NA		NA
Zinc	15.0	U	21.2	U	25.3	U		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA	121			NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA	130			NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA	1.275			NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA	154			NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U		NA		NA	1	U		NA
1,1,1-Trichloroethane	1	U	1	U		NA		NA	1	U		NA
1,1,2,2-Tetrachloroethane	1	U	1	U		NA		NA	1	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U		NA		NA	1	U		NA
1,1,2-Trichloroethane	1	U	1	U		NA		NA	1	U		NA
1,1-Dichloroethane	1	U	1	U		NA		NA	1	U		NA
1,1-Dichloroethene	1	U	1	U		NA		NA	1	U		NA
1,1-Dichloropropene	1	U	1	U		NA		NA	1	U		NA
1,2,3-Trichlorobenzene	1	U	1	U		NA		NA	1	U		NA
1,2,3-Trichloropropane	1	U	1	U		NA		NA	1	U		NA
1,2,4-Trichlorobenzene	1	U	1	U		NA		NA	1	U		NA
1,2,4-Trimethylbenzene	0.75	L	0.85	L		NA		NA	0.99	L		NA
1,2-Dibromo-3-chloropropane	1	U	1	U		NA		NA	1	U		NA
1,2-Dibromoethane	1	U	1	U		NA		NA	1	U		NA
1,2-Dichlorobenzene	1	U	1	U		NA		NA	1	U		NA
1,2-Dichloroethane	1	U	1	U		NA		NA	1	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U		NA		NA	1	U		NA
1,3,5-Trimethylbenzene	1	U	1	U		NA		NA	1	U		NA
1,3-Dichlorobenzene	1	U	1	U		NA		NA	1	U		NA
1,3-Dichloropropane	1	U	1	U		NA		NA	1	U		NA
1,4-Dichlorobenzene	1	U	1	U		NA		NA	1	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U		NA		NA	1	U		NA
2-Butanone	4	U	4	U		NA		NA	4	U		NA
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	1	U	1	U		NA		NA	1	U		NA
2-Hexanone	0.6	U	0.6	U		NA		NA	0.6	U		NA
4-Chlorotoluene	1	U	1	U		NA		NA	1	U		NA
4-Methyl-2-Pentanone	0.5	U	0.5	U		NA		NA	0.5	U		NA
Acetone	0.63	J,B	0.83	J,B		NA		NA	2.2	B,J		NA
Acrolein	10	U	10	U		NA		NA	10	U		NA
Acrylonitrile	5	U	5	U		NA		NA	5	U		NA
Benzene	1	U	1	U		NA		NA	1	U		NA
Bromobenzene	1	U	1	U		NA		NA	1	U		NA
Bromochloromethane	1	U	1	U		NA		NA	1	U		NA
Bromodichloromethane	1	U	1	U		NA		NA	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	1	U	1	U		NA		NA	1	U		NA
Bromomethane	5	U	5	U		NA		NA	1	U		NA
Carbon Disulfide	3	U	3	U		NA		NA	3	U		NA
Carbon Tetrachloride	1	U	1	U		NA		NA	1	U		NA
Chlorobenzene	1	U	1	U		NA		NA	1	U		NA
Chloroethane	5	U	5	U		NA		NA	1	U		NA
Chloroform	1	U	1	U		NA		NA	1	U		NA
Chloromethane	5	U	5	U		NA		NA	1	U		NA
cis-1,2-Dichloroethene	1	U	1	U		NA		NA	1	U		NA
cis-1,3-Dichloropropene	1	U	1	U		NA		NA	1	U		NA
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U		NA		NA	1	U		NA
Dibromomethane	1	U	1	U		NA		NA	1	U		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	1	U	1	U		NA		NA	1	U		NA
Ethyl Ether	3	U	3	U		NA		NA	3	U		NA
Ethylbenzene	1	U	1	U		NA		NA	1	U		NA
Hexachlorobutadiene	1	U	1	U		NA		NA	1	U		NA
Isopropylbenzene	1	U	1	U		NA		NA	1	U		NA
m&p-Xylene	2	U	2	U		NA		NA	2	U		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	5	U	5	U		NA		NA	0.7	L		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U		NA		NA	1	U		NA
Naphthalene	1	U	1	U		NA		NA	0.6	L		NA
N-Butylbenzene	1	U	1	U		NA		NA	1	U		NA
N-Propylbenzene	1	U	1	U		NA		NA	1	U		NA
o-Xylene	1	U	1	U		NA		NA	1	U		NA
p-Isopropyltoluene	1	U	1	U		NA		NA	1	U		NA
Sec-Butylbenzene	1	U	1	U		NA		NA	1	U		NA
Styrene	1	U	1	U		NA		NA	1	U		NA
Tert-Butylbenzene	1	U	1	U		NA		NA	1	U		NA
Tetrachloroethene	1	U	1	U		NA		NA	1	U		NA
Tetrahydrofuran	7	U	7	U		NA		NA	7	U		NA
Toluene	1	U	1	U		NA		NA	1	U		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1	U	1	U		NA		NA	1	U		NA
trans-1,3-Dichloropropene	1	U	1	U		NA		NA	1	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	1	U	0.84	L		NA		NA	11			NA
Trichlorofluoromethane	1	U	1	U		NA		NA	1	U		NA
Vinyl Acetate	6	U	6	U		NA		NA	6	U		NA
Vinyl Chloride	1	U	1	U		NA		NA	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	0.5	U	0.5	U		NA	0.05	U
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA	0.5	U	0.5	U		NA	0.5	U
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA	0.5	U	0.5	U		NA	0.5	U
Chlorobenzene		NA		NA	5	U	5	U		NA	5	U
cis-1,2-Dichloroethene		NA		NA	1	U	1	U		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA	0.3	U	0.3	U		NA	0.2	
Toluene		NA		NA	2	U	2	U		NA	2	U
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA	0.5	U	0.5	U		NA	14	
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Aniline		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW205-0022		RM-GW205-0017		GW-205-0027		GW-205-0022		RM-GW205-0043		GW-205-0043	
Sample Location	205		205		205		205		205		205	
Date Sampled	5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/30/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA	5	U		NA		NA	5	U		NA		NA
1,1,1-Trichloroethane		NA	12000		1900		340		5	U	10	U	10	U
1,1,2,2-Tetrachloroethane		NA	5	U	100	U	10	U	5	U	10	UJ	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	5	U		NA	10	U	5	U		NA	10	U
1,1,2-Trichloroethane		NA	7.9		100	U	10	U	5	U	10	U	10	U
1,1-Dichloroethane		NA	390		180		55		5	U	10	U	10	U
1,1-Dichloroethene		NA	2100		380		270	J	5	U	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	U		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA	10	UJ		NA		NA	10	U
1,2-Dibromoethane		NA	5	U		NA	10	U	5	U		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA	10	U		NA		NA	10	U
1,2-Dichloroethane		NA	5.9		100	U	10	U	5	U	10	U	10	U
1,2-Dichloroethene (total)		NA	680		340			NA	5	U	10	U		NA
1,2-Dichloropropane		NA	5	U	100	U	10	U	5	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA	10	U		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA	10	U		NA		NA	10	U
1,4-Dioxane		NA		NA		NA	55	J		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA	20	U	100	U	10	U	20	U	10	UJ	10	U
2-Chloroethylvinylether		NA	15	U		NA		NA	15	U		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA	3	U	100	U	10	U	3	U	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	3	U	100	U	10	U	3	U	10	UJ	10	U
Acetone		NA	10	U	100	UJ	10	UJ	10	U	10	U	10	U
Acrolein		NA	50	U		NA		NA	50	U		NA		NA
Acrylonitrile		NA	25	U		NA		NA	25	U		NA		NA
Benzene		NA	5	U	100	U	10	U	5	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA	5	U	100	U	10	U	5	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform		NA	5	U	100	U	10	U	5	U	10	U	10	U
Bromomethane		NA	5	U	100	U	10	U	5	U	10	U	10	U
Carbon Disulfide		NA	15	U	100	U	10	U	15	U	10	U	10	U
Carbon Tetrachloride		NA	5	U	100	U	10	U	5	U	10	U	10	U
Chlorobenzene		NA	14		100	U	8	J	5.9		10	U	7	
Chloroethane		NA	11		100	U	4	J	5	U	10	U	10	U
Chloroform		NA	6.8		100	U	1	J	5	U	10	U	10	U
Chloromethane		NA	5	U	100	U	10	U	5	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA		NA	96			NA		NA	2	
cis-1,3-Dichloropropene		NA	5	U	100	U	10	U	5	U	10	U	10	U
Cyclohexane		NA		NA		NA	10	U		NA		NA	10	U
Dibromochloromethane		NA	5	U	100	U	10	U	5	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA	5	U		NA		NA	5	U		NA		NA
Dichlorodifluoromethane		NA		NA		NA	10	UJ		NA		NA	10	U
Ethyl Ether		NA	15	U		NA		NA	15	U		NA		NA
Ethylbenzene		NA	5	U	100	U	10	U	5	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA		NA	10	U		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA	10	U		NA		NA	10	U
Methyl tert-Butyl Ether		NA		NA		NA	1	J		NA		NA	19	
Methylcyclohexane		NA		NA		NA	10	U		NA		NA	10	U
Methylene Chloride		NA	9.7		100	U	10	U	5	U	12	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Styrene		NA	5	U	100	U	10	U	5	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA	14		100	U	2	J	5	U	5	J	9	
Tetrahydrofuran		NA	35	U		NA		NA	35	U		NA		NA
Toluene		NA	5	U	100	U	10	U	5	U	10	U	10	U
Total Xylenes		NA	5	U	100	U	10	U	5	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA		NA	10	U		NA		NA	10	U
trans-1,3-Dichloropropene		NA	5	U	100	U	10	U	5	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene		NA	3200		670		650	*J	10		10	U	10	U
Trichlorofluoromethane		NA	5	U		NA	10	U	5	U		NA	10	UJ
Vinyl Acetate		NA	15	U		NA		NA	15	U		NA		NA
Vinyl Chloride		NA	36		100	U	5		5	U	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane	0.05	U		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	0.5	U		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
Benzene	0.5	U		NA		NA		NA		NA		NA		NA
Chlorobenzene	5	U		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	0.3	U		NA		NA		NA		NA		NA		NA
Toluene	2	U		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Trichloroethene	0.5	U		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA	10	UJ		NA		NA	10	U
1,2,4-Trichlorobenzene		NA	6.2	U	10	U		NA	6.2	U	10	U		NA
1,2-Dichlorobenzene		NA	6.2	U	10	U		NA	6.2	U	10	U		NA
1,3-Dichlorobenzene		NA	6.2	U	10	U		NA	6.2	U	10	U		NA
1,4-Dichlorobenzene		NA	6.2	U	10	U		NA	6.2	U	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
2,4,5-Trichlorophenol		NA	16	U	25	U	25	U	16	U	25	U	25	U
2,4,6-Trichlorophenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
2,4-Dichlorophenol		NA	12	U	10	U	10	U	12	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
2,4-Dinitrophenol		NA	16	U	25	U	25	U	16	U	25	U	25	U
2,4-Dinitrotoluene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
2,6-Dinitrotoluene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
2-Chloronaphthalene		NA	6.2	U	10	U	10	UJ	6.2	U	10	U	10	U
2-Chlorophenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
2-Methylnaphthalene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
2-Methylphenol		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
2-Nitroaniline		NA	16	U	25	U	25	U	16	U	25	UJ	25	U
2-Nitrophenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
3,3'-Dichlorobenzidine		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
3-Nitroaniline		NA	16	U	25	U	25	U	16	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA	16	U	25	U	25	U	16	U	25	U	25	U
4-Bromophenyl-phenylether		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
4-Chloro-3-methylphenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
4-Chloroaniline		NA	6.2	U	10	U	10	UJ	6.2	U	10	U	10	UJ
4-Chlorophenyl-phenylether		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
4-Methylphenol		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
4-Nitroaniline		NA	16	U	25	U	25	U	16	U	25	U	25	U
4-Nitrophenol		NA	43	U	60		9	J	16	U	25	U	25	U
Acenaphthene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Acenaphthylene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Acetophenone		NA		NA		NA	10	U		NA		NA	10	U
Aniline		NA	12	U		NA		NA	12	U		NA		NA
Anthracene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Atrazine		NA		NA		NA	10	U		NA		NA	10	U
Benzaldehyde		NA		NA		NA	10	U		NA		NA	10	UJ
Benzo(a)anthracene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Benzo(a)pyrene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Benzo(b)fluoranthene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Benzo(g,h,i)perylene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Benzo(k)fluoranthene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Benzoic acid		NA	16	U		NA		NA	16	U		NA		NA
Benzyl Alcohol		NA	12	U		NA		NA	12	U		NA		NA
Bis(2-Chloroethoxy)methane		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA	2	L	10	U	10	U	5	L	10	UJ	10	U
Butylbenzylphthalate		NA	6.2	U	10	U	10	U	6.2	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA		NA	10	U		NA		NA	38	
Carbazole		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Chrysene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Dibenzo(a,h)anthracene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Dibenzofuran		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Diethylphthalate		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Dimethylphthalate		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Di-n-Butylphthalate		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Di-n-octylphthalate		NA	6.2	U	10	U	10	U	6.2	U	10	UJ	10	UJ
Diphenylhydrazine		NA	6.2	U		NA		NA	6.2	U		NA		NA
Fluoranthene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Fluorene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Hexachlorobenzene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Hexachlorobutadiene		NA	6.2	U	10	U	10	UJ	6.2	U	10	U	10	U
Hexachlorocyclopentadiene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Hexachloroethane		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Isophorone		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Naphthalene		NA	4	L	3	J	10	U	6.2	U	10	U	10	U
Nitrobenzene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA	6.2	U	10	U	10	UJ	6.2	U	10	U	10	U
N-Nitroso-diphenylamine		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Pentachlorophenol		NA	16	U	25	U	25	U	16	U	25	U	25	U
Phenanthrene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Phenol		NA	12	U	10	U	10	U	12	U	10	U	10	U
Pyrene		NA	6.2	U	10	U	10	U	6.2	U	10	U	10	U
Total PAH		NA	4		3			NA	6	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA		NA	0.20	UJ
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Chrysene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA		NA	0.20	U
Phenanthrene		NA		NA		NA	0.22			NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)														

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
4,4'-DDT		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
Aldrin		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
alpha-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
alpha-Chlordane		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA		NA	1.1	U		NA
Aroclor-1016		NA		NA	1.0	U	1.0	U		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA	2.0	U	0.25	U		NA	2.0	U	0.25	U
Aroclor-1232		NA		NA	1.0	U	1.0	U		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA	1.0	U	1.0	U		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA	1.0	U	1.0	U		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA	1.0	U	0.25	U		NA	1.0	U	0.25	U
Aroclor-1260		NA		NA	1.0	U	0.25	U		NA	1.0	U	0.25	U
Aroclor-1262		NA		NA	1.0	UJ	0.28	U		NA	1.0	U	0.28	U
Aroclor-1268		NA		NA	1.0	U	1.0	U		NA	1.0	U	1.0	U
beta-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
delta-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
Dieldrin		NA		NA	0.10	U	0.050	U		NA	0.10	U	0.050	U
Endosulfan I		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
Endosulfan II		NA		NA	0.10	U	0.10	U		NA		R	0.10	U
Endosulfan Sulfate		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
Endrin		NA		NA	0.10	U	0.050	U		NA	0.10	U	0.050	U
Endrin Aldehyde		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA	0.10	U	0.10	U		NA	0.10	U	0.10	U
gamma-BHC		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
gamma-Chlordane		NA		NA	0.050	U	0.050	U		NA	0.050	U	0.050	U
Heptachlor		NA		NA	0.050	U	0.020	U		NA	0.050	U	0.020	U
Heptachlor Epoxide		NA		NA	0.050	U	0.020	U		NA	0.050	U	0.020	U
Methoxychlor		NA		NA	0.50	U	0.50	U		NA	0.50	U	0.50	U
Toxaphene		NA		NA	5.0	U	5.0	U		NA	5.0	U	5.0	U
Pesticide Analysis (UG/L)														
4,4'-DDD		NA	6.2	U		NA		NA	6.2	U		NA		NA
4,4'-DDE		NA	6.2	U		NA		NA	6.2	U		NA		NA
4,4'-DDT		NA	6.2	U		NA		NA	6.2	U		NA		NA
Aldrin		NA	6.2	U		NA		NA	6.2	U		NA		NA
beta-BHC		NA	6.2	U		NA		NA	6.2	U		NA		NA
delta-BHC		NA	6.2	U		NA		NA	6.2	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA	6.2	U		NA		NA	6.2	U		NA		NA
Heptachlor		NA	6.2	U		NA		NA	6.2	U		NA		NA
Heptachlor Epoxide		NA	6.2	U		NA		NA	6.2	U		NA		NA
Toxaphene		NA	6.2	U		NA		NA	6.2	U		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	3.2	U		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	1.6	U		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	2.1	U		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	1.8	U		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	1.2	U		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	1.8	U		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	1.1	U		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	1.8	U		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	1.4	U		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA	1.8	U		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA	1.2	U		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	1.3	U		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA	1.3	U		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA	1.7	U		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA	1.2	U		NA		NA		NA
OCDD		NA		NA		NA	4.7	U		NA		NA		NA
OCDF		NA		NA		NA	34.0	U		NA		NA		NA
Total HpCDD		NA		NA		NA	3.2	UJ		NA		NA		NA
Total HpCDF		NA		NA		NA	1.8	UJ		NA		NA		NA
Total HxCDD		NA		NA		NA	1.8	UJ		NA		NA		NA
Total HxCDF		NA		NA		NA	1.3	UJ		NA		NA		NA
Total PeCDD		NA		NA		NA	1.8	UJ		NA		NA		NA
Total PeCDF		NA		NA		NA	1.3	UJ		NA		NA		NA
Total TCDD		NA		NA		NA	1.7	UJ		NA		NA		NA
Total TCDF		NA		NA		NA	1.2	UJ		NA		NA		NA
Toxicity Equivalency		NA		NA		NA	0.00	U		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA	100	U	72.4	UJ	176	U	82500		76600		25100	
Antimony		NA	50.0	U	4.0	U	3.5	U	50.0	U	3.0	U	1.8	UJ
Arsenic		NA	100	U	6.0	U	2.9	U	100	U	59.7		15.1	
Barium		NA	48.0		36.3		33.9		14.2		9.5		5.8	UJ
Beryllium		NA	5.0	U	1.0	U	0.22	U	39.4		33.1		12.3	
Cadmium		NA	15.0	U	1.0	U	0.96	U	35.0	U	26.6	J	8.2	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	GW-205-0037		MW-205D		OU2-MW-205D-02		OU2-MW-205D-07		MW-206D		OU2-MW-206D-02		OU2-MW-206D-07-AVG	
Sample Location	205		MW-205D		MW-205D		MW-205D		MW-206D		MW-206D		MW-206D	
Date Sampled	5/31/2002		8/28/1996		11/17/1997		12/13/2002		8/27/1996		11/12/1997		1/24/2003	
Interval	0.0-0.0		57.6-62.6		0.0-0.0		0.0-0.0		60.6-65.6		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		Field Dup. OU2-MW-206D-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium		NA	26700		19800		14400		528000		498000		249000	
Chromium		NA	15.0	U	3.5		0.90	U	15.0	U	22.2	J	0.90	UJ
Cobalt		NA	15.0	U	4.6		4.1		2360		2020		707	
Copper		NA	15.0	U	42.7	U	1.3	UJ	251		239		87.6	
Iron		NA	83.4		104	U	18.1	U	87900		74800		25900	
Lead		NA	100	U	3.0	UJ	2.3	U	100	U	14.3	U	6.8	UJ
Magnesium		NA	20500		16400		11700		303000		289000		113000	
Manganese		NA	11300		7520		6760		170000		146000		73300	
Mercury		NA		NA	0.20	UJ	0.20	U		NA	0.10	U	0.10	U
Nickel		NA	60.0	U	19.5	J	17.6	U	2150		1720		604	
Potassium		NA		NA	4920		4830	J		NA	25000	J	14000	
Selenium		NA	50.0	U	10.2	UJ	3.0	UJ	50.0	U	70.2		19.4	
Silver		NA	15.0	U	1.1		1.1	U	20.0	U	1.0	U	0.80	UJ
Sodium		NA		NA	149000		150000			NA	121000		66200	
Thallium		NA	100	U	6.0	U	3.1	U	120	U	3.0	U	44.9	
Vanadium		NA	15.0	U	1.0	U	2.6	U	15.0	U	1.0	UJ	0.52	
Zinc		NA	16.8		73.3	UJ	19.1	U	2580		2280		714	
Wet Chemistry Analysis														
Alkalinity		NA		NA	120			NA		NA	2.0	U		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA	107			NA		NA	174			NA
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA	1.53			NA		NA	0.10	U		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA	144			NA		NA	3130			NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U		NA	16		10	U	380	*	10	U
1,1,2,2-Tetrachloroethane	10	U		NA	10	UJ	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U		NA	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U		NA	32		5	J	130		16	
1,1-Dichloroethene	0.9	U		NA	12		0.9	U	200		2	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	UJ		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U		NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U		NA	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	16			NA	170			NA
1,2-Dichloropropane	10	U		NA	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ		NA		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U		NA	10	UJ	10	U	10	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	UJ		NA	10	UJ	10	UJ	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		NA	10	UJ	10	U	10	UJ	10	U
Acetone	10	U		NA	10	U	10	U	10	U	8	J
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U		NA	10	U	10	U	10	U	1	J
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U		NA	10	U	10	U	10	U	10	U
Bromomethane	10	U		NA	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U		NA	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U		NA	10	U	10	U	10	U	10	U
Chlorobenzene	7	J		NA	19	U	80	J	11	U	260	
Chloroethane	10	U		NA	10	U	10	U	2	J	10	U
Chloroform	10	U		NA	10	U	10	U	10	U	10	U
Chloromethane	10	U		NA	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	2	J		NA		NA	1	J		NA	4	J
cis-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U		NA	10	U
Dibromochloromethane	10	U		NA	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA	10	U		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U		NA	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	19			NA		NA	2700	*		NA	2500	*
Methylcyclohexane	10	U		NA		NA	10	U		NA	10	U
Methylene Chloride	10	U		NA	11	U	10	U	21	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U		NA	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	9	J		NA	2	J	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U		NA	10	U	10	U	10	U	10	U
Total Xylenes	10	U		NA	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	10	U		NA	10	U	10	U	12	U	10	U
Trichlorofluoromethane	10	UJ		NA		NA	10	UJ		NA	10	UJ
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA	3	J	1	U	13		1	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U		NA	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U		NA	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U		NA	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U		NA	25	UJ	25	U	25	UJ	25	U
2,4-Dinitrotoluene	10	U		NA	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U		NA	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U		NA	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U		NA	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U		NA	10	U	10	U	10	U	10	U
2-Methylphenol	10	U		NA	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U		NA	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U		NA	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U		NA	10	UJ	10	U	10	UJ	10	U
3-Nitroaniline	25	U		NA	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U		NA	25	UJ	25	U	25	UJ	25	U
4-Bromophenyl-phenylether	10	U		NA	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U		NA	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ		NA	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U		NA	10	U	10	U	10	U	10	U
4-Methylphenol	10	U		NA	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U		NA	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U		NA	25	U	25	U	25	U	25	U
Acenaphthene	10	U		NA	10	U	10	U	10	U	10	U
Acenaphthylene	10	U		NA	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA		NA	10	U		NA	10	U
Aniline		NA		NA		NA		NA		NA		NA
Anthracene	10	U		NA	10	U	10	U	10	U	10	U
Atrazine	10	U		NA		NA	10	U		NA	10	U
Benzaldehyde	10	UJ		NA		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U		NA	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U		NA	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U		NA	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U		NA	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U		NA	10	U	10	U	10	U	10	U
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U		NA	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U		NA	10	UJ	10	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam	38			NA		NA	10	U		NA	10	U
Carbazole	10	U		NA	10	U	10	U	10	U	10	U
Chrysene	10	U		NA	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U		NA	10	U	10	U	10	U	10	U
Dibenzofuran	10	U		NA	10	U	10	U	10	U	10	U
Diethylphthalate	10	U		NA	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U		NA	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U		NA	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ		NA	10	U	10	UJ	10	U	10	UJ
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA	10	U	10	U	10	U	10	U
Fluorene	10	U		NA	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U		NA	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U		NA	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U		NA	10	U	10	U	10	U	10	U
Hexachloroethane	10	U		NA	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U		NA	10	U	10	U	10	U	10	U
Isophorone	10	U		NA	10	U	10	U	10	U	10	U
Naphthalene	10	U		NA	10	U	10	U	10	U	10	U
Nitrobenzene	10	U		NA	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U		NA	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U		NA	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U		NA	25	U	25	U	25	U	25	U
Phenanthrene	10	U		NA	10	U	10	U	10	U	10	U
Phenol	10	U		NA	10	U	10	U	10	U	10	U
Pyrene	10	U		NA	10	U	10	U	10	U	10	U
Total PAH		NA		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	UJ		NA		NA	0.20	UJ		NA	0.20	UJ
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U		NA		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U		NA	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U		NA	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	0.25	U		NA	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	0.28	U		NA	1.0	U	0.28	U	1.0	U	0.28	U
Aroclor-1268	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U		NA	0.10	U	0.050	U	0.10	U	0.050	U
Endosulfan I	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U		NA		R	0.10	U		R	0.10	U
Endosulfan Sulfate	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U		NA	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U		NA	0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.020	U		NA	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U		NA	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U		NA	5.0	U	5.0	U	5.0	U	5.0	U
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	1.5	U
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	0.80	U
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	1.0	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	0.80	U
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	2.1	U
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	0.80	U
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	1.8	U
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	2.1	UEMPC
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	2.1	U
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	0.80	U
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	0.50	U
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	1.6	U
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	2.1	UEMPC
2,3,7,8-TCDD		NA		NA		NA		NA		NA	0.70	U
2,3,7,8-TCDF		NA		NA		NA		NA		NA	0.50	U
OCDD		NA		NA		NA		NA		NA	5.5	UEMPC
OCDF		NA		NA		NA		NA		NA	1.8	U
Total HpCDD		NA		NA		NA		NA		NA	1.5	UJ
Total HpCDF		NA		NA		NA		NA		NA	0.90	UJ
Total HxCDD		NA		NA		NA		NA		NA	2.1	UEMPC
Total HxCDF		NA		NA		NA		NA		NA	7.6	UJ
Total PeCDD		NA		NA		NA		NA		NA	0.80	UJ
Total PeCDF		NA		NA		NA		NA		NA	2.1	UEMPC
Total TCDD		NA		NA		NA		NA		NA	0.70	UJ
Total TCDF		NA		NA		NA		NA		NA	0.50	UJ
Toxicity Equivalency		NA		NA		NA		NA		NA	0.00	U
TAL Metal Analysis (UG/L)												
Aluminum	25300	J	24900	J	23.3	J	37.3	UJ	25.6	J	50.7	UJ
Antimony	1.8	UJ	1.8	UJ	3.0	U	1.8	UJ	3.0	U	1.8	UJ
Arsenic	14.3	J	15.8	J	3.0	U	3.6	UJ	3.0	U	3.6	UJ
Barium	5.8	UJ	5.8	UJ	50.4		37.3	J	87.1		32.6	J
Beryllium	12.4	J	12.2	J	1.0	U	0.20	UJ	1.0	U	0.20	UJ
Cadmium	8.3	J	8.1	J	1.0	U	0.57	UJ	1.0	U	0.74	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-206D-07		OU2-MW-DUP22-07		OU2-MW-206M-01		OU2-MW-206MR-07		OU2-MW-206S-01		OU2-MW-206SR-07	
Sample Location	MW-206D		MW-206D		MW-206M		MW-206MR		MW-206S		MW-206SR	
Date Sampled	1/24/2003		1/24/2003		11/12/1997		1/24/2003		11/12/1997		1/24/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-206D-07		Field Dup. OU2-MW-206D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	250000	J	247000	J	71000		59100	J	37300		47600	J
Chromium	0.90	UJ	1.3	UJ	1.0	U	0.84	UJ	1.0	U	1.4	UJ
Cobalt	712	J	702	J	24.3	U	8.7	J	25.3	U	19.2	J
Copper	88.4	J	86.9	J	2.0	U	1.6	J	2.0	U	1.8	J
Iron	26100	J	25800	J	2660		192	J	13900		362	J
Lead	6.8	UJ	7.2	UJ	1.0	U	1.8	UJ	1.0	U	1.6	UJ
Magnesium	114000	J	112000	J	14500		16900	J	10200		16200	J
Manganese	74400	J	72300	J	6280		6400	J	8700		8200	J
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	609	J	599	J	23.9		7.2	J	8.0		16.1	J
Potassium	14200		13900	J	8770		7790		8070		5230	
Selenium	19.4	J	19.5	J	3.0	U	4.7	UJ	3.6		3.1	UJ
Silver	0.80	UJ	0.80	UJ	1.0	U	0.80	UJ	1.0	U	0.80	UJ
Sodium	66800	J	65600	J	137000		109000	J	74800		82000	J
Thallium	61.1	J	57.5	UJ	3.0	U	8.8	J	3.0	U	8.6	J
Vanadium	0.70	UJ	0.70	J	1.0	U	0.70	UJ	1.0	U	0.70	UJ
Zinc	719	J	708	J	73.4		3.6	J	10.1	U	12.9	J
Wet Chemistry Analysis												
Alkalinity		NA		NA	88.5			NA	111			NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA	211			NA	94.4			NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA	0.34			NA	0.10	U		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA	108			NA	81.4			NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U		NA
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	1	U	6100	*J
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	1	U	1	U	1	U	10	U
1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	4	J
1,1-Dichloroethane	1	U	1	U	4.2		1.8		2.9		170	
1,1-Dichloroethene	1	U	1	U	1.2		1	U	1	U	530	*
1,1-Dichloropropene	1	U	1	U	1	U	1	U	1	U		NA
1,2,3-Trichlorobenzene	1	U	1	U	1	U	1	U	1	U		NA
1,2,3-Trichloropropane	1	U	1	U	1	U	1	U	1	U		NA
1,2,4-Trichlorobenzene	1	U	1	U	1	U	1	U	1	U	10	U
1,2,4-Trimethylbenzene	0.6	L	0.6	L	1	U	0.51	L	0.51	L		NA
1,2-Dibromo-3-chloropropane	1	U	1	U	1	U	1	U	1	U	10	U
1,2-Dibromoethane	1	U	1	U	1	U	1	U	1	U	10	U
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	10	U
1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	10	U
1,3,5-Trimethylbenzene	1	U	1	U	1	U	1	U	1	U		NA
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	10	U
1,3-Dichloropropane	1	U	1	U	1	U	1	U	1	U		NA
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U		NA
2-Butanone	4	U	4	U	4	U	4	U	4	U	10	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA		NA
2-Chlorotoluene	1	U	1	U	1	U	1	U	1	U		NA
2-Hexanone	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	10	U
4-Chlorotoluene	1	U	1	U	1	U	1	U	1	U		NA
4-Methyl-2-Pentanone	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	UJ
Acetone	3	B,J	3.7	B,J	3	B,J	1.8	B,J	1	B,J	10	U
Acrolein	10	U	10	U	10	U	10	U	10	U		NA
Acrylonitrile	5	U	5	U	5	U	5	U	5	U		NA
Benzene	1	U	1	U	0.61	L	0.98	L	4.5		10	U
Bromobenzene	1	U	1	U	1	U	1	U	1	U		NA
Bromochloromethane	1	U	1	U	1	U	1	U	1	U		NA
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Bromoform	1	U	1	U	1	U	1	U	1	U	10	U
Bromomethane	1	U	1	U	1	U	1	U	1	U	10	U
Carbon Disulfide	3	U	3	U	3	U	3	U	3	U	10	U
Carbon Tetrachloride	1	U	1	U	1	U	1	U	1	U	10	U
Chlorobenzene	1	U	1	U	1	U	1	U	1	U	16	
Chloroethane	1	U	1	U	1	U	1	U	0.54	L	10	U
Chloroform	1	U	1	U	1	U	1	U	1	U	4	J
Chloromethane	1	U	1	U	1	U	1	U	1	U	10	U
cis-1,2-Dichloroethene	1	U	1	U	6.9		2.5		0.97	L	330	*
cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	10	U
Dibromomethane	1	U	1	U	1	U	1	U	1	U		NA
Dichlorobenzene Isomers		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	1	U	1	U	1	U	1	U	1	U	10	UJ
Ethyl Ether	3	U	3	U	3	U	3	U	3	U		NA
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	10	U
Hexachlorobutadiene	1	U	1	U	1	U	1	U	1	U		NA
Isopropylbenzene	1	U	1	U	1	U	1	U	1	U	10	U
m&p-Xylene	2	U	2	U	2	U	2	U	2	U		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether	1	U	1	U	1.1		0.78	L	0.89	L	10	U
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	10	UJ
Naphthalene	1	U	1	U	0.71	L	0.78	L	0.93	L		NA
N-Butylbenzene	1	U	1	U	1	U	1	U	1	U		NA
N-Propylbenzene	1	U	1	U	1	U	1	U	1	U		NA
o-Xylene	1	U	1	U	1	U	1	U	1	U		NA
p-Isopropyltoluene	1	U	1	U	1	U	1	U	1	U		NA
Sec-Butylbenzene	1	U	1	U	1	U	1	U	1	U		NA
Styrene	1	U	1	U	1	U	1	U	1	U	10	U
Tert-Butylbenzene	1	U	1	U	1	U	1	U	1	U		NA
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	4	J
Tetrahydrofuran	7	U	7	U	7	U	7	U	7	U		NA
Toluene	1	U	1	U	1	U	1	U	1	U	10	U
Total Xylenes		NA		NA		NA		NA		NA	10	U
trans-1,2-Dichloroethene	1	U	1	U	1	U	1	U	1	U	10	U
trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Trichloroethene	1	U	1	U	1	U	1	U	1	U	5700	*
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	10	U
Vinyl Acetate	6	U	6	U	6	U	6	U	6	U		NA
Vinyl Chloride	1	U	1	U	2.6	J	1.7	J	2.5		27	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA	10.0	U
Ethene		NA		NA		NA		NA		NA	10.0	U
Methane		NA		NA		NA		NA		NA	11.0	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
2,4-Dimethylphenol		NA		NA		NA		NA		NA	10	U
2,4-Dinitrophenol		NA		NA		NA		NA		NA	25	UJ
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	10	U
3-Nitroaniline		NA		NA		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA		NA	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA		NA	10	U
4-Nitroaniline		NA		NA		NA		NA		NA	25	U
4-Nitrophenol		NA		NA		NA		NA		NA	35	J
Acenaphthene		NA		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Aniline		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA	10	UJ
Benzaldehyde		NA		NA		NA		NA		NA	10	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	10	UJ
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	10	U
Benzoic acid		NA		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	10	U
Butylbenzylphthalate		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Caprolactam		NA		NA		NA		NA		NA	70	
Carbazole		NA		NA		NA		NA		NA	10	U
Chrysene		NA		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	10	UJ
Dibenzofuran		NA		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA		NA	10	U
Diphenylhydrazine		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	10	U
Hexachloroethane		NA		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	10	UJ
Isophorone		NA		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA		NA	10	U
Nitrobenzene		NA		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA		NA	25	UJ
Phenanthrene		NA		NA		NA		NA		NA	10	U
Phenol		NA		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA		NA	10	U
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	UJ
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
4,4'-DDD		NA		NA		NA		NA		NA	0.10	U
4,4'-DDE		NA		NA		NA		NA		NA	0.10	U
4,4'-DDT		NA		NA		NA		NA		NA	0.10	U
Aldrin		NA		NA		NA		NA		NA	0.050	U
alpha-BHC		NA		NA		NA		NA		NA	0.050	UJ
alpha-Chlordane		NA		NA		NA		NA		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA	1.0	U
Aroclor-1221		NA		NA		NA		NA		NA	0.25	U
Aroclor-1232		NA		NA		NA		NA		NA	1.0	U
Aroclor-1242		NA		NA		NA		NA		NA	1.0	U
Aroclor-1248		NA		NA		NA		NA		NA	1.0	U
Aroclor-1254		NA		NA		NA		NA		NA	0.25	U
Aroclor-1260		NA		NA		NA		NA		NA	0.25	U
Aroclor-1262		NA		NA		NA		NA		NA	0.28	U
Aroclor-1268		NA		NA		NA		NA		NA	1.0	U
beta-BHC		NA		NA		NA		NA		NA	0.050	U
delta-BHC		NA		NA		NA		NA		NA	0.050	U
Dieldrin		NA		NA		NA		NA		NA	0.050	U
Endosulfan I		NA		NA		NA		NA		NA	0.050	U
Endosulfan II		NA		NA		NA		NA		NA	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA		NA	0.10	U
Endrin		NA		NA		NA		NA		NA	0.050	U
Endrin Aldehyde		NA		NA		NA		NA		NA	0.10	U
Endrin Ketone		NA		NA		NA		NA		NA	0.10	U
gamma-BHC		NA		NA		NA		NA		NA	0.050	UJ
gamma-Chlordane		NA		NA		NA		NA		NA	0.050	U
Heptachlor		NA		NA		NA		NA		NA	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA		NA	0.020	U
Methoxychlor		NA		NA		NA		NA		NA	0.50	U
Toxaphene		NA		NA		NA		NA		NA	5.0	U
Pesticide Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Dieldrin		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	12.6	U
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	5.3	U
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	7.5	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	8.4	U
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	3.9	U
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	8.1	U
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	3.8	U
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	9.0	U
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	5.3	U
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	7.1	U
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	3.7	U
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	4.0	U
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	3.9	U
2,3,7,8-TCDD		NA		NA		NA		NA		NA	6.4	U
2,3,7,8-TCDF		NA		NA		NA		NA		NA	4.4	U
OCDD		NA		NA		NA		NA		NA	37.5	U
OCDF		NA		NA		NA		NA		NA	26.4	U
Total HpCDD		NA		NA		NA		NA		NA	12.6	UJ
Total HpCDF		NA		NA		NA		NA		NA	6.2	UJ
Total HxCDD		NA		NA		NA		NA		NA	8.5	UJ
Total HxCDF		NA		NA		NA		NA		NA	4.1	UJ
Total PeCDD		NA		NA		NA		NA		NA	7.1	UJ
Total PeCDF		NA		NA		NA		NA		NA	3.8	UJ
Total TCDD		NA		NA		NA		NA		NA	6.4	UJ
Total TCDF		NA		NA		NA		NA		NA	4.4	UJ
Toxicity Equivalency		NA		NA		NA		NA		NA	0.00	U
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA	79.6	U
Antimony		NA		NA		NA		NA		NA	3.5	U
Arsenic		NA		NA		NA		NA		NA	2.3	U
Barium		NA		NA		NA		NA		NA	26.4	U
Beryllium		NA		NA		NA		NA		NA	0.44	U
Cadmium		NA		NA		NA		NA		NA	0.50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW207-0015		RM-GW207-0010		RM-GW207-0035		RM-GW207-0030		RM-GW207-0025		OU2-MW-207B-07	
Sample Location	207		207		207		207		207		MW-207B	
Date Sampled	5/31/2002		5/31/2002		6/3/2002		6/3/2002		6/3/2002		1/30/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Calcium		NA		NA		NA		NA		NA	52000	
Chromium		NA		NA		NA		NA		NA	0.50	U
Cobalt		NA		NA		NA		NA		NA	4.7	
Copper		NA		NA		NA		NA		NA	5.3	U
Iron		NA		NA		NA		NA		NA	40.5	
Lead		NA		NA		NA		NA		NA	1.5	U
Magnesium		NA		NA		NA		NA		NA	25400	
Manganese		NA		NA		NA		NA		NA	5660	
Mercury		NA		NA		NA		NA		NA	0.10	U
Nickel		NA		NA		NA		NA		NA	16.7	
Potassium		NA		NA		NA		NA		NA	6870	J
Selenium		NA		NA		NA		NA		NA	2.1	U
Silver		NA		NA		NA		NA		NA	0.80	UJ
Sodium		NA		NA		NA		NA		NA	144000	J
Thallium		NA		NA		NA		NA		NA	7.6	UJ
Vanadium		NA		NA		NA		NA		NA	0.80	U
Zinc		NA		NA		NA		NA		NA	19.7	U
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA	204	
Carbon Dioxide		NA		NA		NA		NA		NA	220	
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA	101	
Ferrous Iron		NA		NA		NA		NA		NA	0.030	U
Nitrate		NA		NA		NA		NA		NA	7.46	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA	0.050	
Sulfate		NA		NA		NA		NA		NA	153	
Sulfide		NA		NA		NA		NA		NA	0.50	U
Total Organic Carbon		NA		NA		NA		NA		NA	19.8	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	5	U		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	37000		2000		4100	*J	1300	*	250		240	J
1,1,2,2-Tetrachloroethane	5	U	200	U	10	U	10	UJ	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U		NA	10	U		NA	10	U	10	U
1,1,2-Trichloroethane	13		200	U	2	J	4	J	10	U	10	U
1,1-Dichloroethane	300		200	U	100		840	*	58		58	
1,1-Dichloroethene	1700		210		300	*	970	*	20		20	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	UJ	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA	10	U	10	U
1,2-Dibromoethane	5	U		NA	10	U		NA	10	U	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U	10	U
1,2-Dichloroethane	10		200	U	10	U	7	J	10	U	10	U
1,2-Dichloroethene (total)	720		200			NA	650	*		NA		NA
1,2-Dichloropropane	5	U	200	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U	10	U
1,4-Dioxane		NA		NA	100	UJ		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	20	U	200	U	10	U	10	UJ	10	U	10	U
2-Chloroethylvinylether	15	U		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	3	U	200	UJ	10	U	10	UJ	10	UJ	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	3	U	200	UJ	10	UJ	10	U	10	UJ	10	UJ
Acetone	10	U	200	U	10	U	10	U	10	U	10	U
Acrolein	50	U		NA		NA		NA		NA		NA
Acrylonitrile	25	U		NA		NA		NA		NA		NA
Benzene	5	U	200	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	5	U	200	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	5	U	200	U	10	U	10	U	10	U	10	U
Bromomethane	5	U	200	U	10	U	10	U	10	U	10	U
Carbon Disulfide	15	U	200	U	10	U	10	UJ	10	U	10	U
Carbon Tetrachloride	5	U	200	U	10	U	10	U	10	U	10	U
Chlorobenzene	27		200	U	14		10	U	1		1	J
Chloroethane	10		200	U	10	U	15		10	U	10	U
Chloroform	9.2		200	U	2	J	10	U	10	U	10	U
Chloromethane	5	U	200	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA	390			NA	230		230	
cis-1,3-Dichloropropene	5	U	200	U	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA	10	U		NA	10	U	10	U
Dibromochloromethane	5	U	200	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorobenzene Isomers	5	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA	10	U	10	U
Ethyl Ether	15	U		NA		NA		NA		NA		NA
Ethylbenzene	5	U	200	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA	10	U		NA	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA	10	U	10	U
Methyl tert-Butyl Ether		NA		NA	10	U		NA	10	UJ	10	UJ
Methylcyclohexane		NA		NA	10	U		NA	10	U	10	U
Methylene Chloride	11		200	U	10	UJ	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	5	U	200	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	25		200	U	3	J	10	U	10	U	10	U
Tetrahydrofuran	35	U		NA		NA		NA		NA		NA
Toluene	5	U	200	U	10	U	10	U	10	U	10	U
Total Xylenes	5	U	200	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA	10	U	10	U
trans-1,3-Dichloropropene	5	U	200	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	4100		1100		3600	*	250	*	6		6	J
Trichlorofluoromethane	5	U		NA	10	U		NA	10	U	10	U
Vinyl Acetate	15	U		NA		NA		NA		NA		NA
Vinyl Chloride	18		200	U	26		150		200		200	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA	10.0	U		NA	10.0	U	10.0	U
Ethene		NA		NA	10.0	U		NA	10.0	U	10.0	U
Methane		NA		NA	12.0			NA	59.0		59.0	
Low Concentration Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA	10	U		NA	10	U	10	U
1,2,4-Trichlorobenzene	6.2	U	50	U		NA	10	U		NA		NA
1,2-Dichlorobenzene	1	L	50	U		NA	10	U		NA		NA
1,3-Dichlorobenzene	6.2	U	50	U		NA	10	U		NA		NA
1,4-Dichlorobenzene	6.2	U	50	U		NA	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	6.2	U	50	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	16	U	120	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	12	U	50	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	12	U	50	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	12	U	50	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	8	L	120	U	25	UJ	25	U	25	UJ	25	UJ
2,4-Dinitrotoluene	6.2	U	50	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	6.2	U	50	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	6.2	U	50	U	10	U	10	U	10	U	10	U
2-Chlorophenol	12	U	50	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	6.2	U	50	U	10	U	10	U	10	U	10	U
2-Methylphenol	6.2	U	50	U	10	U	10	U	10	U	10	U
2-Nitroaniline	16	U	120	U	25	U	25	UJ	25	U	25	U
2-Nitrophenol	6	L	50	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	6.2	U	50	U	10	U	10	U	10	U	10	U
3-Nitroaniline	16	U	120	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	16	U	120	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	6.2	U	50	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	12	U	50	U	10	U	10	U	10	U	10	U
4-Chloroaniline	6.2	U	50	U	10	UJ	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	6.2	U	50	U	10	U	10	U	10	U	10	U
4-Methylphenol	6.2	U	50	U	10	U	10	U	10	U	10	U
4-Nitroaniline	16	U	120	U	25	U	25	U	25	U	25	U
4-Nitrophenol	79		48	J	25	J	25	U	25	UJ	25	UJ
Acenaphthene	6.2	U	50	U	10	U	10	U	10	U	10	U
Acenaphthylene	6.2	U	50	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA	10	U		NA	10	U	10	U
Aniline	12	U		NA		NA		NA		NA		NA
Anthracene	6.2	U	50	U	10	U	10	U	10	U	10	U
Atrazine		NA		NA	10	UJ		NA	10	UJ	10	UJ
Benzaldehyde		NA		NA	10	U		NA	10	U	10	U
Benzo(a)anthracene	6.2	U	50	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	6.2	U	50	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	6.2	U	50	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	6.2	U	50	U	10	UJ	10	U	10	UJ	10	UJ
Benzo(k)fluoranthene	6.2	U	50	U	10	U	10	U	10	U	10	U
Benzoic acid	16	U		NA		NA		NA		NA		NA
Benzyl Alcohol	12	U		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	6.2	U	50	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	6.2	U	50	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	35		50	U	10	U	10	UJ	10	U	10	U
Butylbenzylphthalate	6.2	U	50	U	10	U	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam		NA		NA	17			NA	22		40	J
Carbazole	6.2	U	50	U	10	U	10	U	10	U	10	U
Chrysene	6.2	U	50	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	6.2	U	50	U	10	UJ	10	U	10	UJ	10	UJ
Dibenzofuran	6.2	U	50	U	10	U	10	U	10	U	10	U
Diethylphthalate	6.2	U	50	U	10	U	10	U	10	U	10	U
Dimethylphthalate	6.2	U	50	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	6.2	U	50	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	6.2	U	50	U	10	U	10	UJ	10	U	10	U
Diphenylhydrazine	6.2	U		NA		NA		NA		NA		NA
Fluoranthene	6.2	U	50	U	10	U	10	U	10	U	10	U
Fluorene	6.2	U	50	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	6.2	U	50	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	6.2	U	50	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	6.2	U	50	U	10	U	10	U	10	U	10	U
Hexachloroethane	6.2	U	50	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	6.2	U	50	U	10	UJ	10	U	10	UJ	10	UJ
Isophorone	6.2	U	50	U	10	U	10	U	10	U	10	U
Naphthalene	6.2	U	50	U	10	U	10	U	10	U	10	U
Nitrobenzene	6.2	U	50	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	6.2	U	50	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	6.2	U	50	U	10	U	10	U	10	U	10	U
Pentachlorophenol	16	U	120	U	25	UJ	25	U	25	UJ	25	UJ
Phenanthrene	6.2	U	50	U	10	U	10	U	2		2	J
Phenol	12	U	50	U	10	U	10	U	10	U	10	U
Pyrene	6.2	U	50	U	10	U	10	U	4		10	U
Total PAH	6	U	50	U		NA	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)anthracene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(a)pyrene		NA		NA	0.20	UJ		NA	0.20	UJ	0.20	UJ
Benzo(b)fluoranthene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Benzo(k)fluoranthene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Chrysene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA	0.20	U	0.20	U
Phenanthrene		NA		NA	0.89			NA	1.9		1.9	
Pesticide/PCB Analysis (UG/L)												

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
4,4'-DDE		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
4,4'-DDT		NA		R	0.10	U		R	0.10	U	0.10	U
Aldrin		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
alpha-BHC		NA	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ
alpha-Chlordane		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA		NA
Aroclor-1016		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	U
Aroclor-1221		NA	2.0	UJ	0.25	U	2.0	UJ	0.25	U	0.25	U
Aroclor-1232		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	U
Aroclor-1242		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	U
Aroclor-1248		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	U
Aroclor-1254		NA	1.0	UJ	0.25	U	1.0	UJ	0.25	U	0.25	U
Aroclor-1260		NA	1.0	UJ	0.25	U	1.0	UJ	0.25	U	0.25	U
Aroclor-1262		NA	1.0	UJ	0.28	U	1.0	UJ	0.28	U	0.28	U
Aroclor-1268		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	U
beta-BHC		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
delta-BHC		NA		R	0.050	U		R	0.050	U	0.050	U
Dieldrin		NA	0.10	UJ	0.050	U	0.10	UJ	0.050	U	0.050	U
Endosulfan I		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
Endosulfan II		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
Endosulfan Sulfate		NA		R	0.10	U		R	0.10	U	0.10	U
Endrin		NA	0.10	UJ	0.050	U	0.10	UJ	0.050	U	0.050	U
Endrin Aldehyde		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
Endrin Ketone		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	U
gamma-BHC		NA	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ
gamma-Chlordane		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
Heptachlor		NA	0.050	UJ	0.020	U	0.050	UJ	0.020	U	0.020	U
Heptachlor Epoxide		NA		R	0.020	U		R	0.020	U	0.020	U
Methoxychlor		NA	0.50	UJ	0.50	U	0.50	UJ	0.50	U	0.50	U
Toxaphene		NA	5.0	UJ	5.0	U	5.0	UJ	5.0	U	5.0	U
Pesticide Analysis (UG/L)												
4,4'-DDD	6.2	U		NA		NA		NA		NA		NA
4,4'-DDE	6.2	U		NA		NA		NA		NA		NA
4,4'-DDT	6.2	U		NA		NA		NA		NA		NA
Aldrin	6.2	U		NA		NA		NA		NA		NA
beta-BHC	6.2	U		NA		NA		NA		NA		NA
delta-BHC	6.2	U		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	6.2	U		NA		NA		NA		NA		NA
Heptachlor	6.2	U		NA		NA		NA		NA		NA
Heptachlor Epoxide	6.2	U		NA		NA		NA		NA		NA
Toxaphene	6.2	U		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA	3.1	U		NA	3.7	U	3.7	U
1,2,3,4,6,7,8-HpCDF		NA		NA	1.6	U		NA	1.8	U	1.8	U
1,2,3,4,7,8,9-HpCDF		NA		NA	2.0	U		NA	2.2	U	2.2	U
1,2,3,4,7,8-HxCDD		NA		NA	1.7	U		NA	1.9	U	1.9	U
1,2,3,4,7,8-HxCDF		NA		NA	1.2	UEMPC		NA	1.2		2.0	U
1,2,3,6,7,8-HxCDD		NA		NA	1.8	U		NA	1.9	U	1.9	U
1,2,3,6,7,8-HxCDF		NA		NA	1.1	U		NA	1.2	U	1.2	U
1,2,3,7,8,9-HxCDD		NA		NA	1.7	U		NA	1.9	U	1.9	U
1,2,3,7,8,9-HxCDF		NA		NA	1.3	U		NA	1.4	U	1.4	U
1,2,3,7,8-PeCDD		NA		NA	1.9	U		NA	2.0	U	2.0	U
1,2,3,7,8-PeCDF		NA		NA	1.1	U		NA	0.92		1.5	U
2,3,4,6,7,8-HxCDF		NA		NA	1.2	U		NA	1.3	U	1.3	U
2,3,4,7,8-PeCDF		NA		NA	1.1	U		NA	1.2	U	1.2	U
2,3,7,8-TCDD		NA		NA	1.8	U		NA	1.8	U	1.8	U
2,3,7,8-TCDF		NA		NA	1.4	U		NA	1.3	U	1.3	U
OCDD		NA		NA	6.3	U		NA	2.9		4.7	U
OCDF		NA		NA	3.1	U		NA	4.1	U	4.1	U
Total HpCDD		NA		NA	3.1	UJ		NA	3.7	UJ	3.7	UJ
Total HpCDF		NA		NA	1.8	UJ		NA	2.0	UJ	2.0	UJ
Total HxCDD		NA		NA	1.8	UJ		NA	1.9	UJ	1.9	UJ
Total HxCDF		NA		NA	1.2	UEMPC		NA	1.2		2.0	UJ
Total PeCDD		NA		NA	1.9	UJ		NA	2.0	UJ	2.0	UJ
Total PeCDF		NA		NA	1.1	UJ		NA	0.92		1.5	UJ
Total TCDD		NA		NA	1.8	UJ		NA	1.8	UJ	1.8	UJ
Total TCDF		NA		NA	1.4	UJ		NA	1.3	UJ	1.3	UJ
Toxicity Equivalency		NA		NA	0.00	U		NA	0.00	U	0.00	U
TAL Metal Analysis (UG/L)												
Aluminum	100	U	109		55.7	U	26.2	J	79.1	U	79.1	U
Antimony	50.0	U	4.5	UJ	3.5	U	3.6	UJ	3.5	U	3.5	U
Arsenic	100	U	3.0	U	2.3	U	3.0	U	52.3		52.1	
Barium	72.7		49.2		74.2	U	25.3		77.6	U	77.6	U
Beryllium	5.0	U	1.0	U	0.44	U	1.0	U	0.45	U	0.45	U
Cadmium	15.0	U	1.0	U	0.50	U	1.0	U	0.50	U	0.50	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	MW-207D		OU2-MW-207D-02		OU2-MW-207DR-07		OU2-MW-207M-01		OU2-MW-207MR-07-AVG		OU2-MW-207MR-07	
Sample Location	MW-207D		MW-207D		MW-207DR		MW-207M		MW-207MR		MW-207MR	
Date Sampled	8/29/1996		11/12/1997		1/30/2003		11/12/1997		1/30/2003		1/30/2003	
Interval	95.5-100.5		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-207MR-07		Field Dup. OU2-MW-207MR-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	51000		31100		42500		25600		19500		19800	
Chromium	15.0	U	1.0	U	0.50	U	1.0	U	0.50	U	0.50	U
Cobalt	15.0	U	8.0		5.2		2.7		2.9	U	2.9	U
Copper	15.0	U	3.6	J	1.3	UJ	2.0	U	0.80	U	0.80	U
Iron	50.0	U	183		63.5		117		13900		14100	
Lead	100	U	1.0	U	1.5	U	1.0	U	1.5	U	1.5	U
Magnesium	35700		22800		22700		9510		14900		15100	
Manganese	12300		7700		6530		653		2220		2250	
Mercury		NA	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	60.0	U	9.6	U	11.4		11.4		5.3		5.3	
Potassium		NA	4280		5750	J	4280		5040		5100	J
Selenium	50.0	U	5.4	J	2.1	U	3.0	U	2.1	U	2.1	U
Silver	15.0	U	1.0	UJ	0.80	UJ	1.0	UJ	0.80	UJ	0.80	UJ
Sodium		NA	105000		159000	J	98900		88000		88900	J
Thallium	100	U	3.0	U	8.1	U	3.0	U	4.0	U	4.0	U
Vanadium	15.0	U	1.0	U	0.80	U	1.0	U	0.80	U	0.80	U
Zinc	15.0	U	33.0	J	15.9	U	18.5	UJ	13.4	U	13.4	U
Wet Chemistry Analysis												
Alkalinity		NA	110		204		152		114		114	
Carbon Dioxide		NA		NA	231			NA	132		132	
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA	97.4		94.4		48.8		26.0		26.0	
Ferrous Iron		NA		NA	0.050			NA	1.9		1.91	
Nitrate		NA		NA	5.36			NA	0.050	U	0.050	U
Nitrate-Nitrite (as N)		NA	12.2			NA	0.13			NA		NA
Nitrite-N		NA		NA	0.050	U		NA	0.050	U	0.050	U
Sulfate		NA	148		147		114		151		151	
Sulfide		NA		NA	0.50	U		NA	0.50	U	0.50	U
Total Organic Carbon		NA		NA	10.7			NA	5.8		5.77	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA	1	U	1	U
1,1,1-Trichloroethane	250	J	750	*	870	*J	1	U	1	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U	1	U	1	U
1,1,2-Trichloroethane	10	U	2	J	1	J	1	U	1	U
1,1-Dichloroethane	58		770	*	170		3.8		1.7	
1,1-Dichloroethene	20		680	*	160		1	U	1	U
1,1-Dichloropropene		NA		NA		NA	1	U	1	U
1,2,3-Trichlorobenzene		NA		NA		NA	1	U	1	U
1,2,3-Trichloropropane		NA		NA		NA	1	U	1	U
1,2,4-Trichlorobenzene	10	UJ		NA	10	U	1	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA	1	U	0.84	L
1,2-Dibromo-3-chloropropane	10	U		NA	10	U	1	U	1	U
1,2-Dibromoethane	10	U		NA	10	U	1	U	1	U
1,2-Dichlorobenzene	10	U		NA	10	U	1	U	1	U
1,2-Dichloroethane	10	U	4	J	10	U	1	U	1	U
1,2-Dichloroethene (total)		NA	530	*		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA	1	U	1	U
1,3-Dichlorobenzene	10	U		NA	10	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA	1	U	1	U
1,4-Dichlorobenzene	10	U		NA	10	U	1	U	1	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA	1	U	1	U
2-Butanone	10	U	10	UJ	10	U	4	U	4	U
2-Chloroethylvinylether		NA		NA		NA		NA		NA
2-Chlorotoluene		NA		NA		NA	1	U	1	U
2-Hexanone	10	UJ	10	UJ	10	U	0.6	U	0.6	U
4-Chlorotoluene		NA		NA		NA	1	U	1	U
4-Methyl-2-Pentanone	10	UJ	10	U	10	UJ	0.5	U	0.5	U
Acetone	10	U	18	U	10	U	3.6	B,J	1.7	B,J
Acrolein		NA		NA		NA	10	U	10	U
Acrylonitrile		NA		NA		NA	5	U	5	U
Benzene	10	U	10	U	10	U	1	U	1	U
Bromobenzene		NA		NA		NA	1	U	1	U
Bromochloromethane		NA		NA		NA	1	U	1	U
Bromodichloromethane	10	U	10	U	10	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Bromoform	10	U	10	UJ	10	U	1	U	1	U
Bromomethane	10	U	10	U	10	U	1	U	0.81	L
Carbon Disulfide	10	U	10	UJ	10	U	1.7	L	3	U
Carbon Tetrachloride	10	U	10	U	10	U	1	U	1	U
Chlorobenzene	1	J	10	U	2	J	1	U	1	U
Chloroethane	10	U	11		10	U	1	U	1	U
Chloroform	10	U	10	U	10	U	1	U	1	U
Chloromethane	10	U	10	U	10	U	1	U	1	U
cis-1,2-Dichloroethene	230			NA	550	*	18		7.7	
cis-1,3-Dichloropropene	10	U	10	U	10	U	1	U	1	U
Cyclohexane	10	U		NA	10	U		NA		NA
Dibromochloromethane	10	U	10	U	10	U	1	U	1	U
Dibromomethane		NA		NA		NA	1	U	1	U
Dichlorobenzene Isomers		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA	10	UJ	1	U	1	U
Ethyl Ether		NA		NA		NA	3	U	3	U
Ethylbenzene	10	U	10	U	10	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA	1	U	1	U
Isopropylbenzene	10	U		NA	10	U	1	U	1	U
m&p-Xylene		NA		NA		NA	2	U	1.5	L
Methyl Acetate	10	U		NA	10	U		NA		NA
Methyl tert-Butyl Ether	10	UJ		NA	10	U	1	U	6.3	
Methylcyclohexane	10	U		NA	10	U		NA		NA
Methylene Chloride	10	U	10	U	10	UJ	1	U	1	U
Naphthalene		NA		NA		NA	1	U	1	U
N-Butylbenzene		NA		NA		NA	1	U	1	U
N-Propylbenzene		NA		NA		NA	1	U	1	U
o-Xylene		NA		NA		NA	1	U	0.83	L
p-Isopropyltoluene		NA		NA		NA	1	U	1	U
Sec-Butylbenzene		NA		NA		NA	1	U	1	U
Styrene	10	U	10	U	10	U	1	U	1	U
Tert-Butylbenzene		NA		NA		NA	1	U	1	U
Tetrachloroethene	10	U	10	U	10	U	1	U	1	U
Tetrahydrofuran		NA		NA		NA	7	U	7	U
Toluene	10	U	20		10	U	0.67	L	1.8	
Total Xylenes	10	U	10	U	10	U		NA		NA
trans-1,2-Dichloroethene	10	U		NA	3	J	0.71	L	1	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Trichloroethene	5	J	170		43		0.75	L	2.4	
Trichlorofluoromethane	10	U		NA	10	U	1	U	1	U
Vinyl Acetate		NA		NA		NA	6	U	6	U
Vinyl Chloride	190		80		480	*	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	10.0	U		NA		NA
Ethene		NA		NA	10.0	U		NA		NA
Methane		NA		NA	61.0			NA		NA
Low Concentration Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1,2,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,2-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA		NA		NA		NA
1,2-Dibromoethane		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2-Butanone		NA		NA		NA		NA		NA
2-Hexanone		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA		NA		NA		NA		NA
Acetone		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA		NA		NA		NA		NA
Bromoform		NA		NA		NA		NA		NA
Bromomethane		NA		NA		NA		NA		NA
Carbon Disulfide		NA		NA		NA		NA		NA
Carbon Tetrachloride		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
Chloroethane		NA		NA		NA		NA		NA
Chloroform		NA		NA		NA		NA		NA
Chloromethane		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
cis-1,3-Dichloropropene		NA		NA		NA		NA		NA
Dibromochloromethane		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Styrene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
trans-1,3-Dichloropropene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	UJ		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
2,4-Dimethylphenol	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	25	UJ	25	U	25	UJ		NA		NA
2,4-Dinitrotoluene	10	UJ	10	U	10	U		NA		NA
2,6-Dinitrotoluene	10	UJ	10	U	10	U		NA		NA
2-Chloronaphthalene	10	UJ	10	U	10	U		NA		NA
2-Chlorophenol	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	10	UJ	4	J	10	U		NA		NA
2-Methylphenol	10	U	10	U	10	U		NA		NA
2-Nitroaniline	25	UJ	25	U	25	U		NA		NA
2-Nitrophenol	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	10	UJ	10	U	10	U		NA		NA
3-Nitroaniline	25	UJ	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	10	UJ	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA		NA
4-Chloroaniline	10	UJ	10	UJ	10	UJ		NA		NA
4-Chlorophenyl-phenylether	10	UJ	10	U	10	U		NA		NA
4-Methylphenol	10	U	10	U	10	U		NA		NA
4-Nitroaniline	25	UJ	25	U	25	U		NA		NA
4-Nitrophenol	25	UJ	25	U	25	UJ		NA		NA
Acenaphthene	10	UJ	10	U	10	U		NA		NA
Acenaphthylene	10	UJ	2	J	10	U		NA		NA
Acetophenone	10	UJ		NA	10	U		NA		NA
Aniline		NA		NA		NA		NA		NA
Anthracene	10	UJ	10	U	10	U		NA		NA
Atrazine	10	UJ		NA	10	UJ		NA		NA
Benzaldehyde	10	UJ		NA	10	U		NA		NA
Benzo(a)anthracene	10	UJ	10	U	10	U		NA		NA
Benzo(a)pyrene	10	UJ	10	U	10	U		NA		NA
Benzo(b)fluoranthene	10	UJ	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	10	UJ	10	U	10	UJ		NA		NA
Benzo(k)fluoranthene	10	UJ	10	U	10	U		NA		NA
Benzoic acid		NA		NA		NA		NA		NA
Benzyl Alcohol		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	UJ	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	10	UJ	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	10	UJ	10	U	10	U		NA		NA
Butylbenzylphthalate	10	UJ	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Caprolactam	10	UJ		NA	10	U		NA		NA
Carbazole	10	UJ	3	J	10	U		NA		NA
Chrysene	10	UJ	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	10	UJ	10	U	10	UJ		NA		NA
Dibenzofuran	10	UJ	2	J	10	U		NA		NA
Diethylphthalate	10	UJ	10	U	10	U		NA		NA
Dimethylphthalate	10	UJ	10	U	10	U		NA		NA
Di-n-Butylphthalate	10	UJ	10	U	10	U		NA		NA
Di-n-octylphthalate	10	UJ	10	U	10	U		NA		NA
Diphenylhydrazine		NA		NA		NA		NA		NA
Fluoranthene	10	UJ	10	U	10	U		NA		NA
Fluorene	10	UJ	3	J	10	U		NA		NA
Hexachlorobenzene	10	UJ	10	U	10	U		NA		NA
Hexachlorobutadiene	10	UJ	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	10	UJ	10	U	10	U		NA		NA
Hexachloroethane	10	UJ	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	UJ		NA		NA
Isophorone	10	UJ	10	U	10	U		NA		NA
Naphthalene	10	UJ	11		10	U		NA		NA
Nitrobenzene	10	UJ	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	10	UJ	10	U	10	U		NA		NA
Pentachlorophenol	25	UJ	25	U	25	UJ		NA		NA
Phenanthrene	1	J	5	J	2	J		NA		NA
Phenol	10	U	10	U	10	U		NA		NA
Pyrene	2	J	10	U	10	U		NA		NA
Total PAH		NA	21			NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA		NA
Benzo(a)pyrene	0.20	UJ		NA	0.20	UJ		NA		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA		NA
Chrysene	0.20	U		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA		NA
Phenanthrene	1.9			NA	2.6			NA		NA
Pesticide/PCB Analysis (UG/L)										

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
4,4'-DDD	0.10	U	0.10	UJ	0.10	U		NA		NA
4,4'-DDE	0.10	U	0.10	UJ	0.10	U		NA		NA
4,4'-DDT	0.10	U		R	0.10	U		NA		NA
Aldrin	0.050	U	0.050	UJ	0.050	U		NA		NA
alpha-BHC	0.050	UJ	0.050	UJ	0.050	UJ		NA		NA
alpha-Chlordane	0.050	U	0.050	UJ	0.050	U		NA		NA
Aroclor, Total		NA	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	UJ	1.0	U		NA		NA
Aroclor-1221	0.25	U	2.0	UJ	0.25	U		NA		NA
Aroclor-1232	1.0	U	1.0	UJ	1.0	U		NA		NA
Aroclor-1242	1.0	U	1.0	UJ	1.0	U		NA		NA
Aroclor-1248	1.0	U	1.0	UJ	1.0	U		NA		NA
Aroclor-1254	0.25	U	1.0	UJ	0.25	U		NA		NA
Aroclor-1260	0.25	U	1.0	UJ	0.25	U		NA		NA
Aroclor-1262	0.28	U	1.0	UJ	0.28	U		NA		NA
Aroclor-1268	1.0	U	1.0	UJ	1.0	U		NA		NA
beta-BHC	0.050	U	0.050	UJ	0.050	U		NA		NA
delta-BHC	0.050	U		R	0.050	U		NA		NA
Dieldrin	0.050	U	0.10	UJ	0.050	U		NA		NA
Endosulfan I	0.050	U	0.050	UJ	0.050	U		NA		NA
Endosulfan II	0.10	U	0.10	UJ	0.10	U		NA		NA
Endosulfan Sulfate	0.10	U		R	0.10	U		NA		NA
Endrin	0.050	U	0.10	UJ	0.050	U		NA		NA
Endrin Aldehyde	0.10	U	0.10	UJ	0.10	U		NA		NA
Endrin Ketone	0.10	U	0.10	UJ	0.10	U		NA		NA
gamma-BHC	0.050	UJ	0.050	UJ	0.050	UJ		NA		NA
gamma-Chlordane	0.050	U	0.050	UJ	0.050	U		NA		NA
Heptachlor	0.020	U	0.050	UJ	0.020	U		NA		NA
Heptachlor Epoxide	0.020	U		R	0.020	U		NA		NA
Methoxychlor	0.50	U	0.50	UJ	0.50	U		NA		NA
Toxaphene	5.0	U	5.0	UJ	5.0	U		NA		NA
Pesticide Analysis (UG/L)										
4,4'-DDD		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA	3.2	U		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	1.5	U		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	1.9	U		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA	1.6	U		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA	1.1	U		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA	1.6	U		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA	1.0	U		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA	1.6	U		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA	1.2	U		NA		NA
1,2,3,7,8-PeCDD		NA		NA	1.6	U		NA		NA
1,2,3,7,8-PeCDF		NA		NA	0.90	U		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA	1.1	U		NA		NA
2,3,4,7,8-PeCDF		NA		NA	0.90	U		NA		NA
2,3,7,8-TCDD		NA		NA	1.4	U		NA		NA
2,3,7,8-TCDF		NA		NA	1.0	U		NA		NA
OCDD		NA		NA	11.7	UEMPC		NA		NA
OCDF		NA		NA	3.3	U		NA		NA
Total HpCDD		NA		NA	3.2	UJ		NA		NA
Total HpCDF		NA		NA	1.7	UJ		NA		NA
Total HxCDD		NA		NA	1.6	UJ		NA		NA
Total HxCDF		NA		NA	1.1	UJ		NA		NA
Total PeCDD		NA		NA	1.6	UJ		NA		NA
Total PeCDF		NA		NA	0.90	UJ		NA		NA
Total TCDD		NA		NA	1.4	UJ		NA		NA
Total TCDF		NA		NA	1.0	UJ		NA		NA
Toxicity Equivalency		NA		NA	0.00	U		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	69.6	U	17.0	U	131	U		NA		NA
Antimony	3.5	U	3.0	U	3.5	U		NA		NA
Arsenic	52.5		3.0	U	29.7			NA		NA
Barium	78.0	U	37.1		53.8	U		NA		NA
Beryllium	0.48	U	1.0	U	0.46	U		NA		NA
Cadmium	0.50	U	1.0	U	0.50	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-DUP25-07		OU2-MW-207S-01		OU2-MW-207SR-07		RM-GW208-0031		RM-GW208-0039	
Sample Location	MW-207MR		MW-207S		MW-207SR		208		208	
Date Sampled	1/30/2003		11/12/1997		1/30/2003		5/31/2002		6/3/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-207MR-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden	
Calcium	19200		23900		26300			NA		NA
Chromium	0.50	U	1.0	U	0.50	U		NA		NA
Cobalt	3.1	U	7.3		5.4			NA		NA
Copper	0.80	U	2.0	U	0.94	UJ		NA		NA
Iron	13700		630		4300			NA		NA
Lead	2.4	UJ	1.0	U	1.8	UJ		NA		NA
Magnesium	14700		9380		17200			NA		NA
Manganese	2200		2960		3100			NA		NA
Mercury	0.10	U	0.10	U	0.10	U		NA		NA
Nickel	5.4		2.1	U	5.0			NA		NA
Potassium	4980	J	3980		5950	J		NA		NA
Selenium	2.2	UJ	3.0	U	2.1	U		NA		NA
Silver	0.80	UJ	1.0	UJ	0.80	UJ		NA		NA
Sodium	87100	J	53300		91100	J		NA		NA
Thallium	4.0	U	3.0	U	5.5	UJ		NA		NA
Vanadium	0.80	U	1.0	U	0.80	U		NA		NA
Zinc	13.3	U	19.6	UJ	13.2	U		NA		NA
Wet Chemistry Analysis										
Alkalinity		NA	98.9		114			NA		NA
Carbon Dioxide		NA		NA	141			NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride		NA	149		36.1			NA		NA
Ferrous Iron		NA		NA	2.39			NA		NA
Nitrate		NA		NA	0.050	U		NA		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA		NA		NA
Nitrite-N		NA		NA	0.050	U		NA		NA
Sulfate		NA	54.4		178			NA		NA
Sulfide		NA		NA	0.50	U		NA		NA
Total Organic Carbon		NA		NA	4.48			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	700	*	66		550	*	5	J	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	6	J	6	J	8	J	10	U	10	U	10	U
1,1-Dichloroethene	150	*	28		120		0.9	U	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	3	J	10	U	2	J	10	U	10	U	10	U
1,2-Dichloroethene (total)	1	J		NA	10	U		NA	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	UJ	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	UJ	10	U
Acetone	13		10	U	10	U	10	U	16	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	UJ	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	UJ		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether		NA	6	J		NA	11			NA	4	J
Methylcyclohexane		NA	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	J	10	U	5	J	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	20		12		10	U	2	J	10	U	10	U
Trichlorofluoromethane		NA	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	1	U	10	U	1	U	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	2.0	U	10.0	U		NA	10.0	U		NA	10.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Ethene	3.0	U	10.0	U		NA	10.0	U		NA	10.0	U
Methane	3.2	UJ	5.0	U		NA	5.0	U		NA	5.0	U
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	UJ	25	U	25	UJ	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	UJ	25	U	25	UJ	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U		NA	10	U
Benzaldehyde		NA	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	UJ	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Benzo(k)fluoranthene	10	UJ	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	UJ	10	U	10	UJ	10	U
Caprolactam		NA	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	UJ	10	U
Dibenzo(a,h)anthracene	10	U	10	UJ	10	U	10	UJ	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ	10	U	10	U	10	U	10	UJ	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	UJ	10	U
Total PAH	10	U		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
4,4'-DDT	0.10	U	0.10	U		R	0.10	U		R	0.10	U
Aldrin	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ	1.0	U
Aroclor-1221	2.0	UJ	0.25	U	2.0	UJ	0.25	U	2.0	UJ	0.25	U
Aroclor-1232	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ	1.0	U
Aroclor-1242	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ	1.0	U
Aroclor-1248	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ	1.0	U
Aroclor-1254	1.0	UJ	0.25	U	1.0	UJ	0.25	U	1.0	UJ	0.25	U
Aroclor-1260	1.0	UJ	0.25	U	1.0	UJ	0.25	U	1.0	UJ	0.25	U
Aroclor-1262	1.0	UJ	0.28	U	1.0	UJ	0.28	U	1.0	UJ	0.28	U
Aroclor-1268	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
delta-BHC	0.050	U	0.050	U		R	0.050	U		R	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	UJ	0.050	U	0.10	UJ	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		R	0.10	U		R	0.10	U
Endrin	0.10	U	0.050	U	0.10	UJ	0.050	U	0.10	UJ	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	UJ	0.020	U	0.050	UJ	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U		R	0.020	U		R	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	UJ	0.50	U	0.50	UJ	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	UJ	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	4.7	J		NA	1.0	U		NA	2.1	U
1,2,3,4,6,7,8-HpCDF		NA	2.2	U		NA	0.50	U		NA	1.3	U
1,2,3,4,7,8,9-HpCDF		NA	0.50	U		NA	0.60	U		NA	1.2	U
1,2,3,4,7,8-HxCDD		NA	0.50	U		NA	0.60	U		NA	1.1	U
1,2,3,4,7,8-HxCDF		NA	1.3	U		NA	1.1	U		NA	2.3	U
1,2,3,6,7,8-HxCDD		NA	0.50	U		NA	0.60	U		NA	1.1	U
1,2,3,6,7,8-HxCDF		NA	0.66	UEMPC		NA	0.40	U		NA	1.6	UEMPC
1,2,3,7,8,9-HxCDD		NA	0.50	U		NA	0.60	U		NA	1.0	U
1,2,3,7,8,9-HxCDF		NA	0.40	U		NA	0.40	U		NA	2.0	U
1,2,3,7,8-PeCDD		NA	0.60	U		NA	0.80	U		NA	2.1	EMPC
1,2,3,7,8-PeCDF		NA	0.50	U		NA	0.50	U		NA	3.0	UEMPC
2,3,4,6,7,8-HxCDF		NA	0.30	U		NA	0.40	U		NA	1.6	U
2,3,4,7,8-PeCDF		NA	0.50	U		NA	0.60	U		NA	2.2	UEMPC
2,3,7,8-TCDD		NA	0.70	U		NA	0.80	U		NA	1.0	U
2,3,7,8-TCDF		NA	0.40	U		NA	0.50	U		NA	0.60	U
OCDD		NA	41.6	J		NA	4.6	U		NA	9.2	UEMPC
OCDF		NA	5.3	J		NA	5.7	J		NA	3.3	U
Total HpCDD		NA	8.1	J		NA	1.0	UJ		NA	2.1	UJ
Total HpCDF		NA	4.0	UJEMP		NA	0.60	UJ		NA	1.3	UJ
Total HxCDD		NA	0.50	UJ		NA	0.60	UJ		NA	1.1	UJ
Total HxCDF		NA	1.9	UJEMP		NA	1.1	UJ		NA	7.5	UJEMP
Total PeCDD		NA	0.60	UJ		NA	0.80	UJ		NA	4.2	EMPC
Total PeCDF		NA	0.50	UJ		NA	0.50	UJ		NA	5.1	UJEMP
Total TCDD		NA	0.70	UJ		NA	0.80	UJ		NA	1.0	UJ
Total TCDF		NA	0.40	UJ		NA	0.50	UJ		NA	0.60	UJ
Toxicity Equivalency		NA	0.052	J		NA	0.00057	J		NA	2.1	J
TAL Metal Analysis (UG/L)												
Aluminum	40.8	U	1250		20.9	J	82.9	U	86.7		105	U
Antimony	4.1	J	3.7	U	3.4	UJ	3.7	U	3.0	U	3.7	U
Arsenic	2.3	U	3.0	UJ	3.0	U	2.5	U	3.0	U	4.0	UJ
Barium	11.9		30.1		12.4		10.7		18.6		11.9	
Beryllium	0.24	U	0.37	U	1.0	U	0.10	U	1.0	U	0.10	U
Cadmium	0.20	U	0.48	J	1.0	U	1.0		1.6	J	3.2	
Calcium	18300		23400		19000		17800		20200		13800	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208B-01		OU2-MW-208B-07		OU2-MW-208D-01		OU2-MW-208D-07		OU2-MW-208M-01		OU2-MW-208M-07	
Sample Location	MW-208B		MW-208B		MW-208D		MW-208D		MW-208M		MW-208M	
Date Sampled	2/12/1999		12/19/2002		11/13/1997		12/19/2002		11/13/1997		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chromium	301		8.6		9.4	U	92.0		1.0	U	92.1	
Cobalt	8.8		4.9		2.8		2.8	U	6.1		2.6	U
Copper	9.0	U	4.8		2.0	U	2.0	J	2.3	J	1.8	J
Cyanide		NA		NA		NA		NA		NA		NA
Iron	3810		1560		124		114	U	313		176	U
Lead	1.0	UJ	4.5	J	1.0	U	2.3	U	1.0	U	2.3	U
Magnesium	5320		5370		6600		5920		8260		5800	
Manganese	426		666	J	1400		1970	J	1530		1550	J
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	644		19.1		17.2		12.9		37.6		23.6	
Potassium	3060		3670		2460		2420		3170		2880	
Selenium	3.6	U	3.3	U	3.0	U	3.8	J	3.0	J	3.3	U
Silver	1.0	U	0.70	U	1.0	UJ	0.70	U	1.0	UJ	0.70	U
Sodium	54500		42000		42000		25000		54400		38200	
Thallium	3.1	U	5.1	U	3.0	U	5.1	U	3.0	U	5.1	U
Vanadium	1.3	J	1.9		1.0	U	0.70	U	1.0	U	0.70	U
Zinc	3.6	U	14.5		12.4	UJ	3.4	U	40.4	J	2.4	U
Wet Chemistry Analysis												
Alkalinity	68.6		80.0		79.4	J	58.0		80.6	J	63.0	
Carbon Dioxide	44.4		84.6			NA	74.2			NA	91.8	
Carbon Dioxide, Free	44.4			NA		NA		NA		NA		NA
Chloride	42.6		17.0		34.1		12.4		51.0		4.29	
Ferrous Iron	0.80		0.49			NA	0.030	U		NA	0.030	U
Nitrate	4.4		3.22	J		NA	3.24	J		NA	2.57	J
Nitrate-Nitrite (as N)	4.5			NA	3.62			NA	5.27			NA
Nitrite-N	0.060		0.050	UJ		NA	0.050	UJ		NA	0.050	UJ
Sulfate	54.3		48.6		58.8		40.0		59.6		37.4	
Sulfide	0.050	U	0.50	U		NA	0.50	U		NA	0.50	U
Total Organic Carbon		NA	2.0	U		NA	2.0	U		NA	2.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA	20	U	20	U	25	U	1	U
1,1,1-Trichloroethane	10	U	10	U	42		28		45		1.3	
1,1,2,2-Tetrachloroethane	10	U	10	U	20	U	20	U	25	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	UJ	20	U	20	U	25	U	1	U
1,1,2-Trichloroethane	10	U	10	U	20	U	20	U	25	U	1	U
1,1-Dichloroethane	10	U	10	U	180		94		120		1.4	
1,1-Dichloroethene	10	UJ	0.9	U	90		52		69		1	U
1,1-Dichloropropene		NA		NA	20	U	20	U	25	U	1	U
1,2,3-Trichlorobenzene		NA		NA	20	U	20	U	25	U	1	U
1,2,3-Trichloropropane		NA		NA	20	U	20	U	25	U	1	U
1,2,4-Trichlorobenzene		NA	10	UJ	20	U	20	U	25	U	1	U
1,2,4-Trimethylbenzene		NA		NA	20	U	20	U	25	U	1	U
1,2-Dibromo-3-chloropropane		NA	10	U	20	U	20	U	25	U	1	U
1,2-Dibromoethane		NA	10	U	20	U	20	U	25	U	1	U
1,2-Dichlorobenzene		NA	10	U	20	U	20	U	25	U	1	U
1,2-Dichloroethane	10	U	10	U	20	U	20	U	25	U	1	U
1,2-Dichloroethene (total)	10	U		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	20	U	20	U	25	U	1	U
1,3,5-Trimethylbenzene		NA		NA	20	U	20	U	25	U	1	U
1,3-Dichlorobenzene		NA	10	U	20	U	20	U	25	U	1	U
1,3-Dichloropropane		NA		NA	20	U	20	U	25	U	1	U
1,4-Dichlorobenzene		NA	10	U	20	U	20	U	25	U	1	U
1,4-Dioxane		NA	100	UJ		NA		NA		NA		NA
2,2-Dichloropropane		NA		NA	20	U	20	U	25	U	1	U
2-Butanone	10	U	10	U	80	U	80	U	100	U	4	U
2-Chlorotoluene		NA		NA	20	U	20	U	25	U	1	U
2-Hexanone	10	UJ	10	U	12	U	12	U	15	U	0.6	U
4-Chlorotoluene		NA		NA	20	U	20	U	25	U	1	U
4-Methyl-2-Pentanone	10	UJ	10	U	10	U	10	U	12	U	0.5	U
Acetone	130	U	10	U	21	L,B	22	L,B	50	U	2.8	B,J
Acrolein		NA		NA	200	U	200	U	250	U	10	U
Acrylonitrile		NA		NA	100	U	100	U	130	U	5	U
Benzene	10	U	10	U	20	U	20	U	25	U	1	U
Bromobenzene		NA		NA	20	U	20	U	25	U	1	U
Bromochloromethane		NA		NA	20	U	20	U	25	U	1	U
Bromodichloromethane	10	U	10	U	20	U	20	U	25	U	1	U
Bromoform	10	U	10	U	20	U	20	U	25	U	1	U
Bromomethane	10	U	10	U	20	U	20	U	25	U	1	U
Carbon Disulfide	10	U	10	U	60	U	60	U	75	U	3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	20	U	20	U	25	U	1	U
Chlorobenzene	10	U	2	J	81		68		120		1	U
Chloroethane	10	U	10	U	20	U	20	U	25	U	1	U
Chloroform	10	U	10	U	20	U	20	U	25	U	1	U
Chloromethane	10	U	10	U	20	U	20	U	25	U	1	U
cis-1,2-Dichloroethene		NA	10	U	750		360		590		4.4	
cis-1,3-Dichloropropene	10	U	10	U	20	U	20	U	25	U	1	U
Cyclohexane		NA	10	U		NA		NA		NA		NA
Dibromochloromethane	10	U	10	U	20	U	20	U	25	U	1	U
Dibromomethane		NA		NA	20	U	20	U	25	U	1	U
Dichlorodifluoromethane		NA	10	UJ	20	U	20	U	25	U	1	U
Ethyl Ether		NA		NA	60	U	60	U	75	U	3	U
Ethylbenzene	10	U	10	U	20	U	20	U	25	U	1	U
Hexachlorobutadiene		NA		NA	20	U	20	U	25	U	1	U
Isopropylbenzene		NA	10	U	20	U	20	U	25	U	1	U
m&p-Xylene		NA		NA	40	U	40	U	50	U	2	U
Methyl Acetate		NA	10	U		NA		NA		NA		NA
Methyl tert-Butyl Ether		NA	10	U	20	U	20	U	25	U	1	U
Methylcyclohexane		NA	10	U		NA		NA		NA		NA
Methylene Chloride	10	U	10	U	20	U	20	U	25	U	1	U
Naphthalene		NA		NA	20	U	20	U	25	U	1	U
N-Butylbenzene		NA		NA	20	U	20	U	25	U	1	U
N-Propylbenzene		NA		NA	20	U	20	U	25	U	1	U
o-Xylene		NA		NA	20	U	20	U	25	U	1	U
p-Isopropyltoluene		NA		NA	20	U	20	U	25	U	1	U
Sec-Butylbenzene		NA		NA	20	U	20	U	25	U	1	U
Styrene	10	U	10	U	20	U	20	U	25	U	1	U
Tert-Butylbenzene		NA		NA	20	U	20	U	25	U	1	U
Tetrachloroethene	10	U	10	U	20	U	20	U	25	U	1	U
Tetrahydrofuran		NA		NA	140	U	140	U	180	U	7	U
Toluene	55	J	10	U	20	U	20	U	25	U	1	U
Total Xylenes	10	U	10	U		NA		NA		NA		NA
trans-1,2-Dichloroethene		NA	10	U	20	U	20	U	25	U	1	U
trans-1,3-Dichloropropene	10	U	10	U	20	U	20	U	25	U	1	U
Trichloroethene	10	U	2	J	250		280		570		6.2	
Trichlorofluoromethane		NA	10	U	20	U	20	U	25	U	1	U
Vinyl Acetate		NA		NA	120	U	120	U	150	U	6	U
Vinyl Chloride	10	U	1	U	62		66		140		1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA	10.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene		NA	10.0	U		NA		NA		NA		NA
Methane		NA	1200			NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U	25	U		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U	10	U		NA		NA		NA		NA
2,4-Dichlorophenol	10	U	10	U		NA		NA		NA		NA
2,4-Dimethylphenol	10	U	10	U		NA		NA		NA		NA
2,4-Dinitrophenol	25	U	25	U		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U	10	U		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U	10	U		NA		NA		NA		NA
2-Chloronaphthalene	10	U	10	U		NA		NA		NA		NA
2-Chlorophenol	10	U	10	U		NA		NA		NA		NA
2-Methylnaphthalene	10	U	10	U		NA		NA		NA		NA
2-Methylphenol	10	U	10	U		NA		NA		NA		NA
2-Nitroaniline	25	U	25	U		NA		NA		NA		NA
2-Nitrophenol	10	U	10	U		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA		NA		NA
3-Nitroaniline	25	U	25	U		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U	10	U		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U	10	U		NA		NA		NA		NA
4-Chloroaniline	10	UJ	10	UJ		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA		NA		NA
4-Methylphenol	10	U	10	U		NA		NA		NA		NA

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Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U	25	U		NA		NA		NA		NA
4-Nitrophenol	25	U	25	U		NA		NA		NA		NA
Acenaphthene	10	U	10	U		NA		NA		NA		NA
Acenaphthylene	10	U	10	U		NA		NA		NA		NA
Acetophenone		NA	10	U		NA		NA		NA		NA
Anthracene	10	U	10	U		NA		NA		NA		NA
Atrazine		NA	10	U		NA		NA		NA		NA
Benzaldehyde		NA	10	UJ		NA		NA		NA		NA
Benzo(a)anthracene	10	U	10	U		NA		NA		NA		NA
Benzo(a)pyrene	10	U	10	U		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U	10	U		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	U	10	UJ		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA		NA		NA
Butylbenzylphthalate	10	U	10	U		NA		NA		NA		NA
Caprolactam		NA	10	U		NA		NA		NA		NA
Carbazole	10	U	10	U		NA		NA		NA		NA
Chrysene	10	U	10	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U	10	UJ		NA		NA		NA		NA
Dibenzofuran	10	U	10	U		NA		NA		NA		NA
Diethylphthalate	10	U	10	U		NA		NA		NA		NA
Dimethylphthalate	10	U	10	U		NA		NA		NA		NA
Di-n-Butylphthalate	10	U	10	U		NA		NA		NA		NA
Di-n-octylphthalate	10	U	10	U		NA		NA		NA		NA
Fluoranthene	10	U	10	U		NA		NA		NA		NA
Fluorene	10	U	10	U		NA		NA		NA		NA
Hexachlorobenzene	10	U	10	U		NA		NA		NA		NA
Hexachlorobutadiene	10	U	10	U		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U	10	U		NA		NA		NA		NA
Hexachloroethane	10	U	10	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA		NA		NA
Isophorone	10	U	10	U		NA		NA		NA		NA
Naphthalene	10	U	10	U		NA		NA		NA		NA
Nitrobenzene	10	U	10	U		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U	10	U		NA		NA		NA		NA
Pentachlorophenol	25	U	25	U		NA		NA		NA		NA
Phenanthrene	10	U	10	U		NA		NA		NA		NA

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Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U		NA		NA		NA		NA
Pyrene	10	U	10	U		NA		NA		NA		NA
Total PAH	10	U		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA		NA
Benzo(a)pyrene		NA	0.20	U		NA		NA		NA		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA		NA
Chrysene		NA	0.20	U		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA		NA
Phenanthrene		NA	0.20	U		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	UJ	0.10	U		NA		NA		NA		NA
4,4'-DDE	0.10	UJ	0.10	U		NA		NA		NA		NA
4,4'-DDT		R	0.10	U		NA		NA		NA		NA
Aldrin	0.050	UJ	0.050	U		NA		NA		NA		NA
alpha-BHC	0.050	UJ	0.050	U		NA		NA		NA		NA
alpha-Chlordane	0.050	UJ	0.050	U		NA		NA		NA		NA
Aroclor, Total	1.1	U		NA		NA		NA		NA		NA
Aroclor-1016	1.0	UJ	1.0	U		NA		NA		NA		NA
Aroclor-1221	2.0	UJ	0.25	U		NA		NA		NA		NA
Aroclor-1232	1.0	UJ	1.0	U		NA		NA		NA		NA
Aroclor-1242	1.0	UJ	1.0	U		NA		NA		NA		NA
Aroclor-1248	1.0	UJ	1.0	U		NA		NA		NA		NA
Aroclor-1254	1.0	UJ	0.25	U		NA		NA		NA		NA
Aroclor-1260	1.0	UJ	0.25	U		NA		NA		NA		NA
Aroclor-1262	1.0	UJ	0.28	U		NA		NA		NA		NA
Aroclor-1268	1.0	UJ	1.0	U		NA		NA		NA		NA
beta-BHC	0.050	UJ	0.050	U		NA		NA		NA		NA
delta-BHC		R	0.050	U		NA		NA		NA		NA
Dieldrin	0.10	UJ	0.050	U		NA		NA		NA		NA
Endosulfan I	0.050	UJ	0.050	U		NA		NA		NA		NA
Endosulfan II	0.10	UJ	0.10	U		NA		NA		NA		NA
Endosulfan Sulfate		R	0.10	U		NA		NA		NA		NA
Endrin	0.10	UJ	0.050	U		NA		NA		NA		NA
Endrin Aldehyde	0.10	UJ	0.10	U		NA		NA		NA		NA
Endrin Ketone	0.10	UJ	0.10	U		NA		NA		NA		NA
gamma-BHC	0.050	UJ	0.050	U		NA		NA		NA		NA

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Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	UJ	0.050	U		NA		NA		NA		NA
Heptachlor	0.050	UJ	0.020	U		NA		NA		NA		NA
Heptachlor Epoxide		R	0.020	U		NA		NA		NA		NA
Methoxychlor	0.50	UJ	0.50	U		NA		NA		NA		NA
Toxaphene	5.0	UJ	5.0	U		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	3.1	U		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA	1.9	U		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA	2.4	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA	2.1	U		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA	2.6	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA	2.0	U		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA	2.4	U		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA	1.7	EMPC		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA	2.4	U		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA	1.7	U		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA	1.2	U		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA	1.5	U		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA	1.3	U		NA		NA		NA		NA
2,3,7,8-TCDD		NA	2.0	U		NA		NA		NA		NA
2,3,7,8-TCDF		NA	1.4	U		NA		NA		NA		NA
OCDD		NA	5.9	U		NA		NA		NA		NA
OCDF		NA	4.2	EMPC		NA		NA		NA		NA
Total HpCDD		NA	3.1	UJ		NA		NA		NA		NA
Total HpCDF		NA	2.1	UJ		NA		NA		NA		NA
Total HxCDD		NA	1.7	EMPC		NA		NA		NA		NA
Total HxCDF		NA	7.4	UJ		NA		NA		NA		NA
Total PeCDD		NA	1.7	UJ		NA		NA		NA		NA
Total PeCDF		NA	1.3	UJ		NA		NA		NA		NA
Total TCDD		NA	2.0	UJ		NA		NA		NA		NA
Total TCDF		NA	1.4	UJ		NA		NA		NA		NA
Toxicity Equivalency		NA	0.17	J		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	17.0	U	21.8	U		NA		NA		NA		NA
Antimony	3.0	U	3.7	U		NA		NA		NA		NA
Arsenic	42.4		7.4	U		NA		NA		NA		NA
Barium	81.6		21.2			NA		NA		NA		NA
Beryllium	1.0	U	0.10	U		NA		NA		NA		NA
Cadmium	2.4		0.40	U		NA		NA		NA		NA
Calcium	24800		21600			NA		NA		NA		NA

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Sample Number	OU2-MW-208S-01		OU2-MW-208S-07		RM-GW209-0048		RM-GW209-0033		RM-GW209-0028		RM-GW209-0023	
Sample Location	MW-208S		MW-208S		209		209		209		209	
Date Sampled	11/13/1997		12/19/2002		6/5/2002		6/5/2002		6/5/2002		6/5/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	1.0	U	0.60	U		NA		NA		NA		NA
Cobalt	27.4		11.1			NA		NA		NA		NA
Copper	2.0	U	1.4	U		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	44300		17000			NA		NA		NA		NA
Lead	1.0	U	2.3	U		NA		NA		NA		NA
Magnesium	9130		7960			NA		NA		NA		NA
Manganese	2020		848	J		NA		NA		NA		NA
Mercury	0.10	U	0.10	U		NA		NA		NA		NA
Nickel	1.0	U	1.0	U		NA		NA		NA		NA
Potassium	7780		6370			NA		NA		NA		NA
Selenium	3.8	J	4.0	J		NA		NA		NA		NA
Silver	1.0	UJ	0.70	U		NA		NA		NA		NA
Sodium	51700		19700			NA		NA		NA		NA
Thallium	3.0	U	5.1	U		NA		NA		NA		NA
Vanadium	1.0	U	0.70	U		NA		NA		NA		NA
Zinc	2.0	U	2.7	U		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	133		98.0			NA		NA		NA		NA
Carbon Dioxide		NA	157			NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	152		29.6			NA		NA		NA		NA
Ferrous Iron		NA	2.82			NA		NA		NA		NA
Nitrate		NA	0.050	J		NA		NA		NA		NA
Nitrate-Nitrite (as N)	0.10	U		NA		NA		NA		NA		NA
Nitrite-N		NA	0.050	UJ		NA		NA		NA		NA
Sulfate	71.4		20.7			NA		NA		NA		NA
Sulfide		NA	0.50	U		NA		NA		NA		NA
Total Organic Carbon		NA	2.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	20	U		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	15		290	*	290		1000	*	380		10	U
1,1,2,2-Tetrachloroethane	20	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	20	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	47		56		50		39		20		10	U
1,1-Dichloroethene	15		80		180		250	*	200		10	U
1,1-Dichloropropene	20	U		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	20	U		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	20	U		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	20	U		NA	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene	20	U		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	20	U		NA	10	U		NA	10	UJ		NA
1,2-Dibromoethane	20	U		NA	10	UJ		NA	10	U		NA
1,2-Dichlorobenzene	20	U		NA	10	UJ		NA	10	U		NA
1,2-Dichloroethane	20	U	1	J	10	U	3	J	10	U	10	U
1,2-Dichloroethene (total)		NA	20			NA	21			NA	10	U
1,2-Dichloropropane	20	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene	20	U		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	20	U		NA	10	UJ		NA	10	U		NA
1,3-Dichloropropane	20	U		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	20	U		NA	10	UJ		NA	10	U		NA
1,4-Dioxane		NA		NA	410	J		NA	170	J		NA
2,2-Dichloropropane	20	U		NA		NA		NA		NA		NA
2-Butanone	80	U	10	U	10	U	10	U	10	U	10	UJ
2-Chlorotoluene	20	U		NA		NA		NA		NA		NA
2-Hexanone	12	U	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorotoluene	20	U		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
Acetone	22	L,B	27	U	10	UJ	26	U	10	UJ	10	U
Acrolein	200	U		NA		NA		NA		NA		NA
Acrylonitrile	100	U		NA		NA		NA		NA		NA
Benzene	20	U	4	J	7	J	3	J	2	J	10	U
Bromobenzene	20	U		NA		NA		NA		NA		NA
Bromochloromethane	20	U		NA		NA		NA		NA		NA
Bromodichloromethane	20	U	10	U	10	U	10	U	10	U	10	U
Bromoform	20	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	20	U	10	UJ	10	U	10	UJ	10	U	10	U
Carbon Disulfide	60	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Carbon Tetrachloride	20	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	20	U	60		70	J	38	J	20		10	U
Chloroethane	20	U	7	J	10	U	5	J	10	U	10	U
Chloroform	20	U	10	U	4	J	10	U	4	J	10	U
Chloromethane	20	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	350			NA	36			NA	13			NA
cis-1,3-Dichloropropene	20	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA	10	U		NA	10	U		NA
Dibromochloromethane	20	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane	20	U		NA		NA		NA		NA		NA
Dichlorodifluoromethane	20	U		NA	10	UJ		NA	10	UJ		NA
Ethyl Ether	60	U		NA		NA		NA		NA		NA
Ethylbenzene	20	U		R	10	UJ		R	10	U	10	U
Hexachlorobutadiene	20	U		NA		NA		NA		NA		NA
Isopropylbenzene	20	U		NA	10	UJ		NA	10	U		NA
m&p-Xylene	40	U		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	20	U		NA	10	U		NA	10	U		NA
Methylcyclohexane		NA		NA	10	U		NA	10	U		NA
Methylene Chloride	20	U	13	U	17		16	U	10	U	10	U
Naphthalene	20	U		NA		NA		NA		NA		NA
N-Butylbenzene	20	U		NA		NA		NA		NA		NA
N-Propylbenzene	20	U		NA		NA		NA		NA		NA
o-Xylene	20	U		NA		NA		NA		NA		NA
p-Isopropyltoluene	20	U		NA		NA		NA		NA		NA
Sec-Butylbenzene	20	U		NA		NA		NA		NA		NA
Styrene	20	U		R	10	UJ		R	10	U	10	U
Tert-Butylbenzene	20	U		NA		NA		NA		NA		NA
Tetrachloroethene	20	U	8	J	17		14		11		10	U
Tetrahydrofuran	140	U		NA		NA		NA		NA		NA
Toluene	20	U		R	10	UJ		R	10	U	10	U
Total Xylenes		NA		R	10	UJ		R	10	U	1	J
trans-1,2-Dichloroethene	20	U		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	20	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	480		410	*	850	*	530	*	220		10	U
Trichlorofluoromethane	20	U		NA	10	U		NA	10	U		NA
Vinyl Acetate	120	U		NA		NA		NA		NA		NA
Vinyl Chloride	18		2	J	2		4	J	2		10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA	10.0	UJ		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Ethene		NA		NA	10.0	UJ		NA	10.0	U		NA
Methane		NA		NA	47.0	J		NA	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA	10	UJ		NA	10	UJ		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol		NA	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol		NA	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol		NA	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene		NA	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene		NA	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene		NA	10	U	10	UJ	10	U	10	UJ	10	U
2-Chlorophenol		NA	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene		NA	10	U	10	U	10	U	10	U	10	U
2-Methylphenol		NA	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline		NA	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol		NA	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine		NA	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline		NA	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether		NA	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline		NA	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether		NA	10	U	10	U	10	U	10	U	10	U
4-Methylphenol		NA	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
4-Nitroaniline		NA	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol		NA	26		37	J	40		30	J	25	U
Acenaphthene		NA	10	U	10	U	10	U	10	U	1	J
Acenaphthylene		NA	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA		NA	10	U		NA	10	U		NA
Anthracene		NA	10	U	10	U	10	U	10	U	10	U
Atrazine		NA		NA	10	U		NA	10	U		NA
Benzaldehyde		NA		NA	10	U		NA	10	U		NA
Benzo(a)anthracene		NA	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene		NA	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene		NA	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene		NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA	11		10	U	10	U	10	U	10	U
Butylbenzylphthalate		NA	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA		NA	10	U		NA	10	U		NA
Carbazole		NA	10	U	10	U	10	U	10	U	3	J
Chrysene		NA	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA	10	U	10	U	10	U	10	U	10	U
Dibenzofuran		NA	10	U	10	U	10	U	10	U	10	U
Diethylphthalate		NA	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate		NA	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate		NA	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate		NA	10	U	10	U	10	U	10	U	10	U
Fluoranthene		NA	10	U	10	U	10	U	10	U	10	U
Fluorene		NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene		NA	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA	10	U	10	UJ	10	U	10	UJ	10	U
Hexachlorocyclopentadiene		NA	10	U	10	U	10	U	10	U	10	U
Hexachloroethane		NA	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA	10	U	10	U	10	U	10	U	10	U
Isophorone		NA	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA	10	U	10	U	10	U	10	U	3	J
Nitrobenzene		NA	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA	10	U	10	UJ	10	U	10	UJ	10	U
N-Nitroso-diphenylamine		NA	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol		NA	25	U	25	U	25	U	25	U	25	U
Phenanthrene		NA	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Phenol		NA	10	U	10	U	10	U	10	U	3	J
Pyrene		NA	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	10	U		NA	4	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene		NA		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	UJ
4,4'-DDE		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	UJ
4,4'-DDT		NA		R	0.10	U		R	0.10	U		R
Aldrin		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
alpha-BHC		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
alpha-Chlordane		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ
Aroclor-1221		NA	2.0	UJ	0.25	U	2.0	UJ	0.25	U	2.0	UJ
Aroclor-1232		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ
Aroclor-1242		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ
Aroclor-1248		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ
Aroclor-1254		NA	1.0	UJ	0.25	U	1.0	UJ	0.25	U	1.0	UJ
Aroclor-1260		NA	1.0	UJ	0.25	U	1.0	UJ	0.25	U	1.0	UJ
Aroclor-1262		NA	1.0	UJ	0.28	U	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268		NA	1.0	UJ	1.0	U	1.0	UJ	1.0	U	1.0	UJ
beta-BHC		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
delta-BHC		NA		R	0.050	U		R	0.050	U		R
Dieldrin		NA	0.10	UJ	0.050	U	0.10	UJ	0.050	U	0.10	UJ
Endosulfan I		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
Endosulfan II		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	UJ
Endosulfan Sulfate		NA		R	0.10	U		R	0.10	U		R
Endrin		NA	0.10	UJ	0.050	U	0.10	UJ	0.050	U	0.10	UJ
Endrin Aldehyde		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	UJ
Endrin Ketone		NA	0.10	UJ	0.10	U	0.10	UJ	0.10	U	0.10	UJ
gamma-BHC		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
gamma-Chlordane		NA	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ
Heptachlor		NA	0.050	UJ	0.020	U	0.050	UJ	0.020	U	0.050	UJ
Heptachlor Epoxide		NA		R	0.020	U		R	0.020	U		R
Methoxychlor		NA	0.50	UJ	0.50	U	0.50	UJ	0.50	U	0.50	UJ
Toxaphene		NA	5.0	UJ	5.0	U	5.0	UJ	5.0	U	5.0	UJ
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA	3.6	U		NA	2.9	U		NA
1,2,3,4,6,7,8-HpCDF		NA		NA	2.1	U		NA	1.6	U		NA
1,2,3,4,7,8,9-HpCDF		NA		NA	2.6	U		NA	2.0	U		NA
1,2,3,4,7,8-HxCDD		NA		NA	2.3	U		NA	1.8	U		NA
1,2,3,4,7,8-HxCDF		NA		NA	1.6	U		NA	1.3	U		NA
1,2,3,6,7,8-HxCDD		NA		NA	2.3	U		NA	1.8	U		NA
1,2,3,6,7,8-HxCDF		NA		NA	1.5	U		NA	1.2	U		NA
1,2,3,7,8,9-HxCDD		NA		NA	2.3	U		NA	1.7	U		NA
1,2,3,7,8,9-HxCDF		NA		NA	1.9	U		NA	1.5	U		NA
1,2,3,7,8-PeCDD		NA		NA	2.3	U		NA	1.7	U		NA
1,2,3,7,8-PeCDF		NA		NA	1.7	U		NA	1.3	U		NA
2,3,4,6,7,8-HxCDF		NA		NA	1.7	U		NA	1.4	U		NA
2,3,4,7,8-PeCDF		NA		NA	1.7	U		NA	1.4	U		NA
2,3,7,8-TCDD		NA		NA	1.9	U		NA	1.6	U		NA
2,3,7,8-TCDF		NA		NA	1.6	U		NA	1.3	U		NA
OCDD		NA		NA	5.0	U		NA	7.3	EMPC		NA
OCDF		NA		NA	4.0	U		NA	3.1	U		NA
Total HpCDD		NA		NA	3.6	UJ		NA	2.9	UJ		NA
Total HpCDF		NA		NA	2.3	UJ		NA	1.8	UJ		NA
Total HxCDD		NA		NA	2.3	UJ		NA	1.8	UJ		NA
Total HxCDF		NA		NA	1.7	UJ		NA	1.3	UJ		NA
Total PeCDD		NA		NA	2.3	UJ		NA	1.7	UJ		NA
Total PeCDF		NA		NA	1.7	UJ		NA	1.3	UJ		NA
Total TCDD		NA		NA	1.9	UJ		NA	1.6	UJ		NA
Total TCDF		NA		NA	1.6	UJ		NA	1.3	UJ		NA
Toxicity Equivalency		NA		NA	0.00	U		NA	0.00073	J		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA	17.0	U	544		33.3	UJ	57.5	U	32.2	UJ
Antimony		NA	4.7	UJ	3.5	U	5.5	UJ	3.5	U	3.0	U
Arsenic		NA	3.0	U	5.1	UJ	3.0	U	2.9	U	7.2	
Barium		NA	48.7		67.1		62.9		42.6		42.5	
Beryllium		NA	1.0	U	0.38	U	1.0	U	0.14	UJ	1.0	U
Cadmium		NA	1.0	U	0.40	U	1.0	U	3.1	U	1.0	U
Calcium		NA	73400		74800		71400		31900		75300	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW209-0043		OU2-MW-209B-01		OU2-MW-209B-07		OU2-MW-209D-01		OU2-MW-209D-07		OU2-MW-209S-01	
Sample Location	209		MW-209B		MW-209B		MW-209D		MW-209D		MW-209S	
Date Sampled	6/5/2002		11/13/1997		12/12/2002		11/13/1997		12/12/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Bedrock		Bedrock		Overburden		Overburden		Overburden	
Chromium		NA	1.0	U	1.4	J	1.0	U	0.90	U	1.0	U
Cobalt		NA	2.8		1.8	J	4.4		5.0		1.6	J
Copper		NA	2.0	UJ	1.3	UJ	2.0	UJ	1.3	UJ	2.0	UJ
Cyanide		NA		NA	10.0	U		NA	10.0	U		NA
Iron		NA	6490		6780		239		18.1	U	834	
Lead		NA		R	2.6	J		R	2.5	J		R
Magnesium		NA	41100		39700		60400		27900		9920	
Manganese		NA	4590		4410		3040		1600		200	
Mercury		NA	0.10	U	0.20	U	0.10	U	0.20	U	0.10	U
Nickel		NA	3.9		9.0	U	5.4		11.0	U	1.0	U
Potassium		NA	8850		8780		6720		5820		31600	
Selenium		NA	3.0	U	3.0	UJ	3.0	U	3.0	UJ	3.0	U
Silver		NA	1.0	UJ	1.1	UJ	1.0	UJ	1.1	UJ	1.0	UJ
Sodium		NA	90900		74100		94500		236000		193000	
Thallium		NA		R	3.1	U		R	3.1	U		R
Vanadium		NA	1.0	U	1.6	UJ	1.0	U	2.5	U	8.5	
Zinc		NA	21.0	U	16.0	U	25.9		33.6	U	3.5	UJ
Wet Chemistry Analysis												
Alkalinity		NA	180	J	170		175	J	110		266	J
Carbon Dioxide		NA		NA	219	J		NA	144	J		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA	69.7		105		145		263		208	
Ferrous Iron		NA		NA	5.825			NA	0.030	U		NA
Nitrate		NA		NA	5.92	J		NA	11.6	J		NA
Nitrate-Nitrite (as N)		NA	3.49			NA	12.1			NA	0.10	U
Nitrite-N		NA		NA	0.050	UJ		NA	0.050	UJ		NA
Sulfate		NA	246		285		211		135		101	
Sulfide		NA		NA		R		NA		R		NA
Total Organic Carbon		NA		NA	9.72	J		NA	7.57	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane		NA	5	U	5	U	1	U		NA		NA		NA
1,1,1-Trichloroethane	10	U	5	U	160		10			NA		NA		NA
1,1,2,2-Tetrachloroethane	10	U	5	U	5	U	1	U		NA		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	5	U	5	U	1	U		NA		NA		NA
1,1,2-Trichloroethane	10	U	5	U	5	U	1	U		NA		NA		NA
1,1-Dichloroethane	10	U	69		23		1.8			NA		NA		NA
1,1-Dichloroethene	0.9	UJ	250		67		3.7			NA		NA		NA
1,1-Dichloropropene		NA	5	U	5	U	1	U		NA		NA		NA
1,2,3-Trichlorobenzene		NA	5	U	5	U	1	U		NA		NA		NA
1,2,3-Trichloropropane		NA	5	U	5	U	1	U		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	5	U	5	U	1	U		NA		NA		NA
1,2,4-Trimethylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	UJ	5	U	5	U	1	U		NA		NA		NA
1,2-Dibromoethane	10	U	5	U	5	U	1	U		NA		NA		NA
1,2-Dichlorobenzene	10	U	5	U	5	U	1	U		NA		NA		NA
1,2-Dichloroethane	10	U	5	U	5	U	1	U		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	5	U	5	U	1	U		NA		NA		NA
1,3,5-Trimethylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
1,3-Dichlorobenzene	10	U	5	U	5	U	1	U		NA		NA		NA
1,3-Dichloropropane		NA	5	U	5	U	1	U		NA		NA		NA
1,4-Dichlorobenzene	10	U	5	U	5	U	1	U		NA		NA		NA
1,4-Dioxane	100	UJ		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane		NA	5	U	5	U	1	U		NA		NA		NA
2-Butanone	10	U	20	U	20	U	4	U		NA		NA		NA
2-Chlorotoluene		NA	5	U	5	U	1	U		NA		NA		NA
2-Hexanone	10	U	3	U	3	U	0.6	U		NA		NA		NA
4-Chlorotoluene		NA	5	U	5	U	1	U		NA		NA		NA
4-Methyl-2-Pentanone	10	U	2.5	U	2.5	U	0.5	U		NA		NA		NA
Acetone	10	U	11	B,J	9.2	B,J	3.8	B,J		NA		NA		NA
Acrolein		NA	50	U	50	U	10	U		NA		NA		NA
Acrylonitrile		NA	25	U	25	U	5	U		NA		NA		NA
Benzene	10	U	5	U	5	U	1	U		NA		NA		NA
Bromobenzene		NA	5	U	5	U	1	U		NA		NA		NA
Bromochloromethane		NA	5	U	5	U	1	U		NA		NA		NA
Bromodichloromethane	10	U	5	U	5	U	1	U		NA		NA		NA
Bromoform	10	U	5	U	5	U	1	U		NA		NA		NA
Bromomethane	10	U	5	U	5	U	1	U		NA		NA		NA
Carbon Disulfide	10	U	15	U	15	U	3	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	5	U	5	U	1	U		NA		NA		NA
Chlorobenzene	10	U	5	U	5	U	1	U		NA		NA		NA
Chloroethane	10	U	5	U	5	U	1	U		NA		NA		NA
Chloroform	10	U	5	U	5	U	1	U		NA		NA		NA
Chloromethane	10	U	5	U	5	U	1	U		NA		NA		NA
cis-1,2-Dichloroethene	10	U	110		37		2.6			NA		NA		NA
cis-1,3-Dichloropropene	10	U	5	U	5	U	1	U		NA		NA		NA
Cyclohexane	10	U		NA		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	5	U	5	U	1	U		NA		NA		NA
Dibromomethane		NA	5	U	5	U	1	U		NA		NA		NA
Dichlorodifluoromethane	10	UJ	5	U	5	U	1	U		NA		NA		NA
Ethyl Ether		NA	15	U	15	U	3	U		NA		NA		NA
Ethylbenzene	10	U	5	U	5	U	1	U		NA		NA		NA
Hexachlorobutadiene		NA	5	U	5	U	1	U		NA		NA		NA
Isopropylbenzene	10	U	5	U	5	U	1	U		NA		NA		NA
m&p-Xylene		NA	10	U	10	U	2	U		NA		NA		NA
Methyl Acetate	10	U		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	2.8	L	5	U	1	U		NA		NA		NA
Methylcyclohexane	10	U		NA		NA		NA		NA		NA		NA
Methylene Chloride	10	U	5	U	5	U	1	U		NA		NA		NA
Naphthalene		NA	5	U	5	U	1	U		NA		NA		NA
N-Butylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
N-Propylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
o-Xylene		NA	5	U	5	U	1	U		NA		NA		NA
p-Isopropyltoluene		NA	5	U	5	U	1	U		NA		NA		NA
Sec-Butylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
Styrene	10	U	5	U	5	U	1	U		NA		NA		NA
Tert-Butylbenzene		NA	5	U	5	U	1	U		NA		NA		NA
Tetrachloroethene	10	U	5	U	5	U	1	U		NA		NA		NA
Tetrahydrofuran		NA	35	U	35	U	7	U		NA		NA		NA
Toluene	10	U	5	U	5	U	1	U		NA		NA		NA
Total Xylenes	10	U		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	5	U	5	U	1	U		NA		NA		NA
trans-1,3-Dichloropropene	10	U	5	U	5	U	1	U		NA		NA		NA
Trichloroethene	10	U	190		61		4.2			NA		NA		NA
Trichlorofluoromethane	10	U	5	U	5	U	1	U		NA		NA		NA
Vinyl Acetate		NA	30	U	30	U	6	U		NA		NA		NA
Vinyl Chloride	1	U	5	U	5	U	1	U		NA		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane	10.0	U		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U		NA		NA		NA		NA		NA		NA
Methane	1300			NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA	188		11		116	
1,1-Dichloroethene		NA		NA		NA		NA	51		3.6		30	
Benzene		NA		NA		NA		NA	0.5	U	0.5	U	0.5	U
Chlorobenzene		NA		NA		NA		NA	5	U	5	U	5	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	75			NA	50	
Tetrachloroethene		NA		NA		NA		NA	1.4		0.3	U	1	
Toluene		NA		NA		NA		NA	2	U	2	U	2	U
Trichloroethene		NA		NA		NA		NA	150		5.8		67	
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl	10	UJ		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol	10	U		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol	10	U		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol	25	U		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene	10	UJ		NA		NA		NA		NA		NA		NA
2-Chlorophenol	10	U		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	10	U		NA		NA		NA		NA		NA		NA
2-Methylphenol	10	U		NA		NA		NA		NA		NA		NA
2-Nitroaniline	25	U		NA		NA		NA		NA		NA		NA
2-Nitrophenol	10	U		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA		NA		NA		NA		NA		NA
3-Nitroaniline	25	U		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA		NA		NA		NA		NA		NA
4-Chloroaniline	10	UJ		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA		NA		NA		NA		NA		NA
4-Methylphenol	10	U		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U		NA		NA		NA		NA		NA		NA
4-Nitrophenol	25	UJ		NA		NA		NA		NA		NA		NA
Acenaphthene	2	J		NA		NA		NA		NA		NA		NA
Acenaphthylene	10	U		NA		NA		NA		NA		NA		NA
Acetophenone	10	U		NA		NA		NA		NA		NA		NA
Anthracene	10	U		NA		NA		NA		NA		NA		NA
Atrazine	10	U		NA		NA		NA		NA		NA		NA
Benzaldehyde	10	U		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	10	U		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	10	U		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene	10	U		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate	10	U		NA		NA		NA		NA		NA		NA
Caprolactam	10	U		NA		NA		NA		NA		NA		NA
Carbazole	10	U		NA		NA		NA		NA		NA		NA
Chrysene	10	U		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA		NA		NA		NA		NA		NA
Dibenzofuran	10	U		NA		NA		NA		NA		NA		NA
Diethylphthalate	10	U		NA		NA		NA		NA		NA		NA
Dimethylphthalate	10	U		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate	10	U		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate	10	U		NA		NA		NA		NA		NA		NA
Fluoranthene	10	U		NA		NA		NA		NA		NA		NA
Fluorene	10	U		NA		NA		NA		NA		NA		NA
Hexachlorobenzene	10	U		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene	10	UJ		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene	10	U		NA		NA		NA		NA		NA		NA
Hexachloroethane	10	U		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA		NA		NA		NA		NA		NA
Isophorone	10	U		NA		NA		NA		NA		NA		NA
Naphthalene	10	U		NA		NA		NA		NA		NA		NA
Nitrobenzene	10	U		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine	10	UJ		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA		NA		NA		NA		NA		NA
Pentachlorophenol	25	U		NA		NA		NA		NA		NA		NA
Phenanthrene	10	U		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U		NA		NA		NA		NA		NA		NA
Pyrene	10	U		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene	0.20	U		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA		NA		NA		NA		NA
Chrysene	0.20	U		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA		NA		NA		NA		NA
Phenanthrene	0.20	U		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD	0.10	U		NA		NA		NA		NA		NA		NA
4,4'-DDE	0.10	U		NA		NA		NA		NA		NA		NA
4,4'-DDT	0.10	U		NA		NA		NA		NA		NA		NA
Aldrin	0.050	U		NA		NA		NA		NA		NA		NA
alpha-BHC	0.050	U		NA		NA		NA		NA		NA		NA
alpha-Chlordane	0.050	U		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA		NA		NA		NA		NA		NA
Aroclor-1221	0.25	U		NA		NA		NA		NA		NA		NA
Aroclor-1232	1.0	U		NA		NA		NA		NA		NA		NA
Aroclor-1242	1.0	U		NA		NA		NA		NA		NA		NA
Aroclor-1248	1.0	U		NA		NA		NA		NA		NA		NA
Aroclor-1254	0.25	U		NA		NA		NA		NA		NA		NA
Aroclor-1260	0.25	U		NA		NA		NA		NA		NA		NA
Aroclor-1262	0.28	U		NA		NA		NA		NA		NA		NA
Aroclor-1268	1.0	U		NA		NA		NA		NA		NA		NA
beta-BHC	0.050	U		NA		NA		NA		NA		NA		NA
delta-BHC	0.050	U		NA		NA		NA		NA		NA		NA
Dieldrin	0.050	U		NA		NA		NA		NA		NA		NA
Endosulfan I	0.050	U		NA		NA		NA		NA		NA		NA
Endosulfan II	0.10	U		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA		NA		NA		NA		NA		NA
Endrin	0.050	U		NA		NA		NA		NA		NA		NA
Endrin Aldehyde	0.10	U		NA		NA		NA		NA		NA		NA
Endrin Ketone	0.10	U		NA		NA		NA		NA		NA		NA
gamma-BHC	0.050	U		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U		NA		NA		NA		NA		NA		NA
Heptachlor	0.020	U		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA		NA		NA		NA		NA		NA
Methoxychlor	0.50	U		NA		NA		NA		NA		NA		NA
Toxaphene	5.0	U		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD	2.4	U		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	1.4	U		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	1.7	U		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	1.5	U		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	2.3	U		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	1.5	U		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	1.8	U		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	1.5	U		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	1.2	U		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	1.6	U		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	1.2	U		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	1.1	U		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	1.2	U		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD	1.4	U		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF	1.2	U		NA		NA		NA		NA		NA		NA
OCDD	5.4	J		NA		NA		NA		NA		NA		NA
OCDF	2.6	U		NA		NA		NA		NA		NA		NA
Total HpCDD	2.4	UJ		NA		NA		NA		NA		NA		NA
Total HpCDF	1.5	UJ		NA		NA		NA		NA		NA		NA
Total HxCDD	1.5	UJ		NA		NA		NA		NA		NA		NA
Total HxCDF	4.1	UJ		NA		NA		NA		NA		NA		NA
Total PeCDD	1.6	UJ		NA		NA		NA		NA		NA		NA
Total PeCDF	1.2	UJ		NA		NA		NA		NA		NA		NA
Total TCDD	1.4	UJ		NA		NA		NA		NA		NA		NA
Total TCDF	1.2	UJ		NA		NA		NA		NA		NA		NA
Toxicity Equivalency	0.00054	J		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum	51.6	U		NA		NA		NA		NA		NA		NA
Antimony	3.5	U		NA		NA		NA		NA		NA		NA
Arsenic	4.1	UJ		NA		NA		NA		NA		NA		NA
Barium	22.0			NA		NA		NA		NA		NA		NA
Beryllium	0.16	UJ		NA		NA		NA		NA		NA		NA
Cadmium	0.40	U		NA		NA		NA		NA		NA		NA
Calcium	42200			NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-209S-07		RM-GW210-0033		RM-GW210-0028		RM-GW210-0023		GW-210-0033		GW-210-0023		GW-210-028	
Sample Location	MW-209S		210		210		210		210		210		210	
Date Sampled	12/12/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002		5/31/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	0.90	U		NA		NA		NA		NA		NA		NA
Cobalt	1.0	U		NA		NA		NA		NA		NA		NA
Copper	1.3	UJ		NA		NA		NA		NA		NA		NA
Cyanide	10.0	U		NA		NA		NA		NA		NA		NA
Iron	1300			NA		NA		NA		NA		NA		NA
Lead	2.3	U		NA		NA		NA		NA		NA		NA
Magnesium	10400			NA		NA		NA		NA		NA		NA
Manganese	44.5			NA		NA		NA		NA		NA		NA
Mercury	0.20	U		NA		NA		NA		NA		NA		NA
Nickel	3.4	U		NA		NA		NA		NA		NA		NA
Potassium	23200			NA		NA		NA		NA		NA		NA
Selenium	3.0	UJ		NA		NA		NA		NA		NA		NA
Silver	1.1	UJ		NA		NA		NA		NA		NA		NA
Sodium	70700			NA		NA		NA		NA		NA		NA
Thallium	3.1	U		NA		NA		NA		NA		NA		NA
Vanadium	2.2	U		NA		NA		NA		NA		NA		NA
Zinc	14.4	U		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis														
Alkalinity	224			NA		NA		NA		NA		NA		NA
Carbon Dioxide	204	J		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA		NA
Chloride	60.8			NA		NA		NA		NA		NA		NA
Ferrous Iron	0.030	U		NA		NA		NA		NA		NA		NA
Nitrate	0.060	J		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N	0.050	UJ		NA		NA		NA		NA		NA		NA
Sulfate	32.3			NA		NA		NA		NA		NA		NA
Sulfide		R		NA		NA		NA		NA		NA		NA
Total Organic Carbon	13.7	J		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	1	U
1,1,1-Trichloroethane	11		34		55		13		23		1	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U	1	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	1	U
1,1-Dichloroethane	46		58		37		28		26		1	U
1,1-Dichloroethene	14		20		52		7	J	22		1	U
1,1-Dichloropropene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	UJ	1	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	UJ	1	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U	1	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U	1	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	1	U
1,2-Dichloroethene (total)		NA	82			NA	45			NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U	1	U
1,4-Dioxane	540	J		NA	250	J		NA	230	J		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA	1	U
2-Butanone	10	U	10	UJ	10	U	10	UJ	10	U	4	U
2-Chlorotoluene		NA		NA		NA		NA		NA	1	U
2-Hexanone	10	U	10	UJ	10	U	10	UJ	10	U	0.6	U
4-Chlorotoluene		NA		NA		NA		NA		NA	1	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	0.5	U
Acetone	16	UJ	10	U	10	UJ	19	U	10	U	2.9	B,J
Acrolein		NA		NA		NA		NA		NA	10	U
Acrylonitrile		NA		NA		NA		NA		NA	5	U
Benzene	10	U	10	U	1	J	10	U	10	U	1.3	
Bromobenzene		NA		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA		NA	1	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	1	U
Bromoform	10	U	10	UJ	10	U	10	UJ	10	U	1	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	1	U
Carbon Disulfide	10	U	10	UJ	10	U	10	UJ	10	U	3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	1	U
Chlorobenzene	23		51		44		21	U	31		1	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	1	U
Chloroform	2	J	10	U	10	U	10	U	10	U	1	U
Chloromethane	10	U	10	U	10	U	10	U	10	UJ	1	U
cis-1,2-Dichloroethene	80			NA	81			NA	50		1	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	1	U
Cyclohexane	10	U		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	1	U
Dibromomethane		NA		NA		NA		NA		NA	1	U
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	U	4.4	J
Ethyl Ether		NA		NA		NA		NA		NA	3	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	1	U
Isopropylbenzene	10	U		NA	10	U		NA	10	U	1	U
m&p-Xylene		NA		NA		NA		NA		NA	2	U
Methyl Acetate	10	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U	1.8	
Methylcyclohexane	10	U		NA	10	U		NA	10	U		NA
Methylene Chloride	10	U	10	U	10	U	10	U	10	UJ	1	U
Naphthalene		NA		NA		NA		NA		NA	1	U
N-Butylbenzene		NA		NA		NA		NA		NA	1	U
N-Propylbenzene		NA		NA		NA		NA		NA	1	U
o-Xylene		NA		NA		NA		NA		NA	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA	1	U
Sec-Butylbenzene		NA		NA		NA		NA		NA	1	U
Styrene	10	U	10	U	10	U	10	U	10	U	1	U
Tert-Butylbenzene		NA		NA		NA		NA		NA	1	U
Tetrachloroethene	1	J	2	J	3	J	10	U	1	J	1	U
Tetrahydrofuran		NA		NA		NA		NA		NA	7	U
Toluene	10	U	10	U	10	U	2	J	10	U	0.53	L
Total Xylenes	10	U	10	U	10	U	10	U	10	U		NA
trans-1,2-Dichloroethene	1	J		NA	10	U		NA	10	U	1	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	1	U
Trichloroethene	170		65		150		18	U	41		1	U
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA	6	U
Vinyl Chloride	8		5	J	5		3	J	5		0.72	L
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA	10.0	U		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U		NA	10.0	U		NA	10.0	U		NA
Methane	5.0	U		NA	20.0			NA	130			NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	UJ	10	U	10	U		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	UJ		NA
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U		NA
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U		NA
2-Methylphenol	10	U	10	U	10	U	10	U	10	U		NA
2-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	U		NA
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U		NA
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U		NA
4-Chloroaniline	10	U	10	U	10	U	10	U	10	UJ		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	10	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	UJ	25	U	25	UJ	25	U	25	U		NA
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U		NA
Acenaphthene	10	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	10	U	10	U	10	U	10	U	10	U		NA
Acetophenone	10	U		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U		NA
Atrazine	10	UJ		NA	10	UJ		NA	10	UJ		NA
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	U		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	10	U	10	UJ	10	U	13	J	10	U		NA
Butylbenzylphthalate	10	U	10	UJ	10	U	10	UJ	10	U		NA
Caprolactam	10	U		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U		NA
Chrysene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzofuran	10	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	10	U	10	UJ	10	U	10	UJ	10	U		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Fluorene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	UJ		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	UJ		NA
Hexachloroethane	10	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U		NA
Isophorone	10	U	10	U	10	U	10	U	10	U		NA
Naphthalene	10	U	10	U	10	U	10	U	10	U		NA
Nitrobenzene	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	UJ	10	U	10	U		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	25	U	25	U	25	U	25	U	25	UJ		NA
Phenanthrene	10	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U	10	U		NA
Pyrene	10	U	10	U	10	U	10	U	10	U		NA
Total PAH		NA	10	U		NA	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	UJ		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U		NA
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U		NA
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	U	0.28	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.080			NA
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U		NA
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	0.10	U		R	0.10	U		R	0.10	U		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U		NA
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U		NA
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	1.6	U		NA	8.2	U		NA	3.5	U		NA
1,2,3,4,6,7,8-HpCDF	1.3	EMPC		NA	4.5	U		NA	1.8	U		NA
1,2,3,4,7,8,9-HpCDF	1.1	U		NA	5.5	UJ		NA	2.3	UJ		NA
1,2,3,4,7,8-HxCDD	1.1	U		NA	3.7	U		NA	1.9	U		NA
1,2,3,4,7,8-HxCDF	2.1	U		NA	2.7	U		NA	1.3	U		NA
1,2,3,6,7,8-HxCDD	1.0	EMPC		NA	3.8	U		NA	1.8	U		NA
1,2,3,6,7,8-HxCDF	1.4	U		NA	2.7	U		NA	1.3	U		NA
1,2,3,7,8,9-HxCDD	1.9	J		NA	3.7	U		NA	1.8	U		NA
1,2,3,7,8,9-HxCDF	1.5	U		NA	3.3	UJ		NA	1.6	UJ		NA
1,2,3,7,8-PeCDD	0.90	U		NA	4.1	U		NA	1.9	U		NA
1,2,3,7,8-PeCDF	0.70	U		NA	2.9	U		NA	1.4	U		NA
2,3,4,6,7,8-HxCDF	1.4	U		NA	3.1	UJ		NA	1.4	UJ		NA
2,3,4,7,8-PeCDF	0.70	U		NA	3.0	U		NA	1.4	U		NA
2,3,7,8-TCDD	0.80	U		NA	4.9	U		NA	1.8	U		NA
2,3,7,8-TCDF	0.70	U		NA	3.4	U		NA	1.4	U		NA
OCDD	8.9	J		NA	13.3	U		NA	6.6	EMPC		NA
OCDF	20.4	J		NA	9.6	U		NA	4.2	U		NA
Total HpCDD	1.6	UJ		NA	8.2	UJ		NA	3.5	UJ		NA
Total HpCDF	1.3	EMPC		NA	5.0	UJ		NA	2.0	UJ		NA
Total HxCDD	2.9	UJEMP		NA	3.7	UJ		NA	1.8	UJ		NA
Total HxCDF	6.4	UJ		NA	2.9	UJ		NA	1.4	UJ		NA
Total PeCDD	0.90	UJ		NA	4.1	UJ		NA	1.9	UJ		NA
Total PeCDF	0.70	UJ		NA	2.9	UJ		NA	1.4	UJ		NA
Total TCDD	0.80	UJ		NA	4.9	UJ		NA	2.4	UEMPC		NA
Total TCDF	0.70	UJ		NA	3.4	UJ		NA	1.4	UJ		NA
Toxicity Equivalency	0.30	J		NA	0.00	UJ		NA	0.00066	J		NA
TAL Metal Analysis (UG/L)												
Aluminum	93.6	U	17.0	U	69.6	U	38.1		142	U		NA
Antimony	3.5	U	3.0	U	3.5	U	3.0	U	3.5	U		NA
Arsenic	2.9	U	3.0	U	2.9	U	3.0	U	2.9	U		NA
Barium	123	J	113		61.9		67.1		82.5			NA
Beryllium		R	1.0	U	0.10	U	1.0	U	0.10	U		NA
Cadmium	0.51	UJ	1.0	U	0.82	U	1.0	U	0.64	UJ		NA
Calcium	272000		120000		99200		108000		98400			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-210B-07		OU2-MW-210D-01		OU2-MW-210D-07		OU2-MW-210S-01		OU2-MW-210S-07		RM-GW211-008	
Sample Location	MW-210B		MW-210D		MW-210D		MW-210S		MW-210S		211	
Date Sampled	12/11/2002		11/12/1997		12/10/2002		11/12/1997		12/10/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	0.90	U	1.0	U	0.90	U	1.0	U	0.90	U		NA
Cobalt	1.0	U	6.2		2.2		2.6		2.2			NA
Copper	1.3	U	2.5	J	1.3	U	2.0	U	1.3	U		NA
Cyanide	10.0	U		NA	10.0	U		NA	10.0	U		NA
Iron	18.1	U	1270		18.1	U	688		39.2			NA
Lead	2.3	UJ	1.0	U	2.3	UJ	1.0	U	2.3	UJ		NA
Magnesium	129000		40800		40500		34300		40900			NA
Manganese	549		12100		10100		5560		11900			NA
Mercury	0.20	U	0.10	U	0.20	UJ	0.10	U	0.20	UJ		NA
Nickel	10.1	UJ	3.1	U	6.4	U	1.0	U	5.8	U		NA
Potassium	14400	J	17400		17600	J	17100		20400	J		NA
Selenium	3.0	UJ	6.9	J	3.0	UJ	3.9	J	3.0	UJ		NA
Silver	1.1	UJ	1.0	UJ	1.1	J	1.0	UJ	1.3	J		NA
Sodium	201000	J	123000		131000	J	230000		152000	J		NA
Thallium	3.1	UJ	3.0	U	3.1	U	3.0	U	3.1	U		NA
Vanadium	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Zinc	18.8	UJ	20.3	UJ	11.1	U	4.7	UJ	9.8	U		NA
Wet Chemistry Analysis												
Alkalinity	160		246		260		188		270			NA
Carbon Dioxide	301			NA	294			NA	254			NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	879		232		237	U	516		237	U		NA
Ferrous Iron	0.030	U		NA	0.030	U		NA	0.030			NA
Nitrate	6.34			NA	2.13			NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.28			NA	0.27			NA		NA
Nitrite-N	0.050	U		NA	0.050	U		NA	0.050	U		NA
Sulfate	253		239		192		130		180			NA
Sulfide	0.50	U		NA	0.50	U		NA	0.50	U		NA
Total Organic Carbon	2.0	U		NA	2.0	U		NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	25	U	10	U	10	U		NA
1,1,1-Trichloroethane	1	U	1	U	25	U	10	U	10	U	8700	
1,1,2,2-Tetrachloroethane	1	U	1	U	25	U	10	U	10	U	800	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	25	U	10	U	10	U		NA
1,1,2-Trichloroethane	1	U	1	U	25	U	10	U	10	U	800	U
1,1-Dichloroethane	1	U	1	U	130		110		81		1600	
1,1-Dichloroethene	1	U	1	U	43		11		27		16000	
1,1-Dichloropropene	1	U	1	U	25	U	10	U	10	U		NA
1,2,3-Trichlorobenzene	1	U	1	U	25	U	10	U	10	U		NA
1,2,3-Trichloropropane	1	U	1	U	25	U	10	U	10	U		NA
1,2,4-Trichlorobenzene	1	U	1	U	25	U	10	U	10	U		NA
1,2,4-Trimethylbenzene	24		4.8		25	U	10	U	10	U		NA
1,2-Dibromo-3-chloropropane	1	U	1	U	25	U	10	U	10	U		NA
1,2-Dibromoethane	1	U	1	U	25	U	10	U	10	U		NA
1,2-Dichlorobenzene	1	U	1	U	25	U	10	U	10	U		NA
1,2-Dichloroethane	1	U	1	U	25	U	10	U	10	U	800	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	800	U
1,2-Dichloropropane	1	U	1	U	25	U	10	U	10	U	800	U
1,3,5-Trimethylbenzene	6.5		1.6		25	U	10	U	10	U		NA
1,3-Dichlorobenzene	1	U	1	U	25	U	10	U	10	U		NA
1,3-Dichloropropane	1	U	1	U	25	U	10	U	10	U		NA
1,4-Dichlorobenzene	1	U	1	U	25	U	10	U	10	U		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U	25	U	10	U	10	U		NA
2-Butanone	4	U	4	U	100	U	40	U	40	U	800	U
2-Chlorotoluene	1	U	1	U	25	U	10	U	10	U		NA
2-Hexanone	0.6	U	0.6	U	15	U	6	U	6	U	800	U
4-Chlorotoluene	1	U	1	U	25	U	10	U	10	U		NA
4-Methyl-2-Pentanone	0.5	U	0.5	U	12	U	5	U	5	U	800	U
Acetone	6.4	B,J	4.3	B,J	34	B,J	17	B,J	21	B,J	800	UJ
Acrolein	10	U	10	U	250	U	100	U	100	U		NA
Acrylonitrile	5	U	5	U	130	U	50	U	50	U		NA
Benzene	6.7		12		25	U	21		10	U	800	U
Bromobenzene	1	U	1	U	25	U	10	U	10	U		NA
Bromochloromethane	1	U	1	U	25	U	10	U	10	U		NA
Bromodichloromethane	1	U	1	U	25	U	10	U	10	U	800	U
Bromoform	1	U	1	U	25	U	10	U	10	U	800	U
Bromomethane	1	U	1	U	25	U	10	U	10	U	800	UJ
Carbon Disulfide	3	U	3	U	75	U	30	U	30	U	800	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Carbon Tetrachloride	1	U	1	U	25	U	10	U	10	U	800	U
Chlorobenzene	1	U	1	U	25	U	10	U	10	U	800	U
Chloroethane	1	U	1	U	25	U	10	U	10	U	800	U
Chloroform	1	U	1	U	25	U	10	U	10	U	800	U
Chloromethane	1.4		2.2		25	U	10	U	10	U	800	UJ
cis-1,2-Dichloroethene	1	U	1	U	480		330		300			NA
cis-1,3-Dichloropropene	1	U	1	U	25	U	10	U	10	U	800	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U	25	U	10	U	10	U	800	U
Dibromomethane	1	U	1	U	25	U	10	U	10	U		NA
Dichlorodifluoromethane	14	J	15	J	25	U	20	J	10	U		NA
Ethyl Ether	3	U	3	U	75	U	30	U	30	U		NA
Ethylbenzene	9.9		4		25	U	10	U	10	U	800	U
Hexachlorobutadiene	1	U	1	U	25	U	10	U	10	U		NA
Isopropylbenzene	1.5		0.95	L	25	U	10	U	10	U		NA
m&p-Xylene	18		4.3		50	U	20	U	20	U		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	18		17		25	U	10	U	10	U		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	25	U	10	U	10	U	800	U
Naphthalene	1700		130		24	L	11		10	U		NA
N-Butylbenzene	0.87	L	0.64	L	25	U	10	U	10	U		NA
N-Propylbenzene	1		0.83	L	25	U	10	U	10	U		NA
o-Xylene	15		4.3		25	U	10	U	10	U		NA
p-Isopropyltoluene	1.2		1	U	25	U	10	U	10	U		NA
Sec-Butylbenzene	1	U	1	U	25	U	10	U	10	U		NA
Styrene	0.59	L	1	U	25	U	10	U	10	U	800	U
Tert-Butylbenzene	1	U	1	U	25	U	10	U	10	U		NA
Tetrachloroethene	1	U	1	U	25	U	10	U	10	U	800	UJ
Tetrahydrofuran	7	U	7	U	180	U	70	U	70	U		NA
Toluene	3.7		1.7		25	U	10	U	10	U	800	U
Total Xylenes		NA		NA		NA		NA		NA	800	U
trans-1,2-Dichloroethene	1	U	1	U	25	U	36		10	U		NA
trans-1,3-Dichloropropene	1	U	1	U	25	U	10	U	10	U	800	U
Trichloroethene	1	U	1	U	570		41		110		800	U
Trichlorofluoromethane	1	U	1	U	25	U	10	U	10	U		NA
Vinyl Acetate	6	U	6	U	150	U	60	U	60	U		NA
Vinyl Chloride	1	U	1	U	33		6.8		23		800	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dimethylphenol		NA		NA		NA		NA		NA	5	J
2,4-Dinitrophenol		NA		NA		NA		NA		NA	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	10	U
3-Nitroaniline		NA		NA		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA		NA	10	U
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
4-Nitroaniline		NA		NA		NA		NA		NA	25	U
4-Nitrophenol		NA		NA		NA		NA		NA	25	U
Acenaphthene		NA		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	2	J
Butylbenzylphthalate		NA		NA		NA		NA		NA	10	U
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA	10	U
Chrysene		NA		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	10	U
Dibenzofuran		NA		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA		NA	10	U
Fluoranthene		NA		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	10	UJ
Hexachloroethane		NA		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	10	U
Isophorone		NA		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA		NA	10	U
Nitrobenzene		NA		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA		NA	25	UJ
Phenanthrene		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Phenol		NA		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA		NA	10	U
Total PAH		NA		NA		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA	0.10	U
4,4'-DDE		NA		NA		NA		NA		NA	0.10	U
4,4'-DDT		NA		NA		NA		NA		NA	0.10	U
Aldrin		NA		NA		NA		NA		NA	0.050	U
alpha-BHC		NA		NA		NA		NA		NA	0.050	U
alpha-Chlordane		NA		NA		NA		NA		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA	1.1	U
Aroclor-1016		NA		NA		NA		NA		NA	1.0	U
Aroclor-1221		NA		NA		NA		NA		NA	2.0	U
Aroclor-1232		NA		NA		NA		NA		NA	1.0	U
Aroclor-1242		NA		NA		NA		NA		NA	1.0	U
Aroclor-1248		NA		NA		NA		NA		NA	1.0	U
Aroclor-1254		NA		NA		NA		NA		NA	1.0	U
Aroclor-1260		NA		NA		NA		NA		NA	1.0	U
Aroclor-1262		NA		NA		NA		NA		NA	1.0	U
Aroclor-1268		NA		NA		NA		NA		NA	1.0	U
beta-BHC		NA		NA		NA		NA		NA	0.050	U
delta-BHC		NA		NA		NA		NA		NA	0.050	U
Dieldrin		NA		NA		NA		NA		NA	0.10	U
Endosulfan I		NA		NA		NA		NA		NA	0.050	U
Endosulfan II		NA		NA		NA		NA		NA	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA		NA	0.10	U
Endrin		NA		NA		NA		NA		NA	0.10	U
Endrin Aldehyde		NA		NA		NA		NA		NA	0.10	U
Endrin Ketone		NA		NA		NA		NA		NA	0.10	U
gamma-BHC		NA		NA		NA		NA		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
gamma-Chlordane		NA		NA		NA		NA		NA	0.050	U
Heptachlor		NA		NA		NA		NA		NA	0.050	U
Heptachlor Epoxide		NA		NA		NA		NA		NA	0.050	U
Methoxychlor		NA		NA		NA		NA		NA	0.50	U
Toxaphene		NA		NA		NA		NA		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA	90400	J
Antimony		NA		NA		NA		NA		NA		R
Arsenic		NA		NA		NA		NA		NA	177	
Barium		NA		NA		NA		NA		NA	29.9	J
Beryllium		NA		NA		NA		NA		NA	48.3	
Cadmium		NA		NA		NA		NA		NA	1.0	U
Calcium		NA		NA		NA		NA		NA	490000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW211-0013		RM-GW211-0018		RM-GW211-0038		RM-GW211-0028		RM-GW211-0047		OU2-MW-211B-01	
Sample Location	211		211		211		211		211		MW-211B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		6/5/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Chromium		NA		NA		NA		NA		NA	56.3	
Cobalt		NA		NA		NA		NA		NA	2400	J
Copper		NA		NA		NA		NA		NA	1.0	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA	1430000	
Lead		NA		NA		NA		NA		NA	69.8	
Magnesium		NA		NA		NA		NA		NA	349000	
Manganese		NA		NA		NA		NA		NA	135000	
Mercury		NA		NA		NA		NA		NA	2.0	J
Nickel		NA		NA		NA		NA		NA	2280	J
Potassium		NA		NA		NA		NA		NA	16800	
Selenium		NA		NA		NA		NA		NA	3.0	U
Silver		NA		NA		NA		NA		NA	1.0	U
Sodium		NA		NA		NA		NA		NA	201000	
Thallium		NA		NA		NA		NA		NA	6.0	U
Vanadium		NA		NA		NA		NA		NA		R
Zinc		NA		NA		NA		NA		NA	5220	J
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA	6.5	
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA	193	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA	0.10	U
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA	5300	
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	24000	*	34500		32000	*	12000		3500	*	11	J
1,1,2,2-Tetrachloroethane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	67		2250	U	49		1000	U	10	U	10	UJ
1,1-Dichloroethane	630	J*	915		280		1000	U	140		10	UJ
1,1-Dichloroethene	24000	*	21500		17000	*	2100		870	*	14	J
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	UJ		NA	10	UJ		NA	10	UJ		NA
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
1,2-Dichloroethene (total)		NA	2250	U		NA	1000			NA	10	UJ
1,2-Dichloropropane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dioxane	100	UJ		NA	100	UJ		NA	82	J		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	2250	U	10	U	1000	U	10	U	10	UJ
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	2250	U	10	U	1000	U	10	U	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Acetone	10	UJ	2250	U	10	UJ	1000	UJ	10	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Bromoform	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Bromomethane	10	U	2250	U	10	U	1000	UJ	10	U	10	UJ
Carbon Disulfide	10	U	2250	U	10	U	1000	U	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Chlorobenzene	6	J	2250	U	6	J	1000	U	16		10	UJ
Chloroethane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Chloroform	14		2250	U	12		1000	U	4	J	10	U
Chloromethane	10	U	2250	U	10	U	1000	UJ	10	U	10	UJ
cis-1,2-Dichloroethene	4	J		NA	4	J		NA	460	*		NA
cis-1,3-Dichloropropene	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Cyclohexane	10	U		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	UJ		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U		NA
Methylcyclohexane	10	U		NA	10	U		NA	10	U		NA
Methylene Chloride	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	2250	U	1	J	1000	UJ	5	J	10	UJ
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	1	J	2250	U	10	U	1000	U	10	U	10	UJ
Total Xylenes	3	J	2250	U	1	J	1000	U	10	U	10	UJ
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	2250	U	10	U	1000	U	10	U	10	UJ
Trichloroethene	94		2250	U	83		2100		2400	*	10	UJ
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	9		2250	U	4		1000	U	32		10	UJ
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA	10.0	U		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U		NA	10.0	U		NA	10.0	U		NA
Methane	16.0			NA	46.0			NA	34.0			NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	20	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	20	U		NA	10	U
1,3-Dichlorobenzene		NA	10	U		NA	20	U		NA	10	U
1,4-Dichlorobenzene		NA	10	U		NA	20	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	UJ	20	U	10	UJ	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	50	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	20	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	20	U	10	U	10	U
2,4-Dimethylphenol	1	J	4		10	U	20	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	50	UJ	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	20	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	20	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	20	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	20	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	20	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	20	U	10	U	10	U
2-Nitroaniline	25	UJ	25	U	25	UJ	50	U	25	UJ	25	U
2-Nitrophenol	10	U	10	U	10	U	3	J	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	20	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	50	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	50	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	20	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	20	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	20	U	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	20	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	20	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	UJ	25	U	25	UJ	50	U	25	UJ	25	U
4-Nitrophenol	25	U	25	U	25	U	96		36		25	U
Acenaphthene	10	U	10	U	10	U	20	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	20	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	20	U	10	U	10	U
Atrazine	10	UJ		NA	10	UJ		NA	10	UJ		NA
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	20	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	20	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	20	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	20	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	20	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	20	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	20	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	20	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	20	U	10	U	10	U
Caprolactam	10	U		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	20	U	10	U	10	U
Chrysene	10	U	10	U	10	U	20	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	20	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	20	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	20	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	20	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	20	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	20	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	20	U	10	U	10	U
Fluorene	10	U	10	U	10	U	20	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	20	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	20	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	20	U	10	U	10	UJ
Hexachloroethane	10	U	10	U	10	U	20	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	20	U	10	U	10	U
Isophorone	10	U	10	U	10	U	20	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	20	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	20	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	UJ	20	U	10	UJ	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	20	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	50	U	25	U	25	UJ
Phenanthrene	10	U	10	U	10	U	20	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	20	U	10	U	10	U
Pyrene	10	U	10	U	10	U	20	U	10	U	10	U
Total PAH		NA	10	U		NA	20	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	UJ		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
alpha-BHC	0.050	U	0.050	U	0.12		0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	U	0.28	U	1.0	UJ
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	UJ
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	UJ
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	3.4	U		NA	6.6	J		NA	2.3	U		NA
1,2,3,4,6,7,8-HpCDF	1.8	U		NA	7.3	J		NA	1.2	U		NA
1,2,3,4,7,8,9-HpCDF	2.3	U		NA	5.8	J		NA	1.6	U		NA
1,2,3,4,7,8-HxCDD	2.1	U		NA	6.6	J		NA	1.4	U		NA
1,2,3,4,7,8-HxCDF	1.9	U		NA	7.5	U		NA	1.5	U		NA
1,2,3,6,7,8-HxCDD	2.1	U		NA	6.4	J		NA	1.4	U		NA
1,2,3,6,7,8-HxCDF	1.4	U		NA	6.7	U		NA	0.90	U		NA
1,2,3,7,8,9-HxCDD	2.1	U		NA	5.6	EMPC		NA	1.4	U		NA
1,2,3,7,8,9-HxCDF	1.7	U		NA	6.3	U		NA	1.2	U		NA
1,2,3,7,8-PeCDD	1.8	U		NA	7.2	J		NA	1.2	U		NA
1,2,3,7,8-PeCDF	1.4	U		NA	8.5	U		NA	2.1	UEMPC		NA
2,3,4,6,7,8-HxCDF	1.6	U		NA	7.0	U		NA	1.1	U		NA
2,3,4,7,8-PeCDF	1.4	U		NA	8.9	J		NA	1.9	J		NA
2,3,7,8-TCDD	1.6	U		NA	3.6	J		NA	1.2	U		NA
2,3,7,8-TCDF	1.4	U		NA	2.6	EMPC		NA	1.0	U		NA
OCDD	7.8	J		NA	14.5	J		NA	4.2	J		NA
OCDF	3.8	U		NA	9.4	J		NA	2.6	U		NA
Total HpCDD	3.4	UJ		NA	6.6	J		NA	2.3	UJ		NA
Total HpCDF	2.1	UJ		NA	13.1	J		NA	1.4	UJ		NA
Total HxCDD	2.1	UJ		NA	18.5	UJEMP		NA	1.4	UJ		NA
Total HxCDF	1.9	UJ		NA	27.5	UJ		NA	1.5	UJ		NA
Total PeCDD	1.8	UJ		NA	7.2	J		NA	1.2	UJ		NA
Total PeCDF	1.4	UJ		NA	17.5	UJ		NA	4.0	UJEMP		NA
Total TCDD	1.6	UJ		NA	3.6	J		NA	1.2	UJ		NA
Total TCDF	1.4	UJ		NA	2.6	EMPC		NA	1.0	UJ		NA
Toxicity Equivalency	0.00078	J		NA	18.0	J		NA	0.95	J		NA
TAL Metal Analysis (UG/L)												
Aluminum	302000		350000		391000		458		166	U	40.3	U
Antimony	3.5	U		NA	3.5	U	4.0	U	3.5	U	4.0	U
Arsenic	130		162.5		75.7		6.4	J	2.9	U	6.0	UJ
Barium		R		NA		R	75.1		18.5		70.6	
Beryllium	94.2	J	90.7		85.7	J	1.0	U	0.14	J	1.0	U
Cadmium	23.5	J	25.9		25.4	J	1.0	UJ	1.5	U	1.0	UJ
Calcium	353000		398500		357000		53400		43700		217000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211B-07		OU2-MW-211D-01-AVG		OU2-MW-211D-07		OU2-MW-211M-01		OU2-MW-211M-07		OU2-MW-211S-01	
Sample Location	MW-211B		MW-211D		MW-211D		MW-211M		MW-211M		MW-211S	
Date Sampled	12/11/2002		11/19/1997		12/11/2002		11/19/1997		12/11/2002		11/19/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Duplicate 7		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	0.90	U	32.2		0.90	U	1.0	UJ	0.90	U	1.0	UJ
Cobalt	2960		2425		2710	J	13.2		29.6		2.0	J
Copper	631	J	205.75		544	J	34.2	U	1.3	U	22.6	U
Cyanide	10.0	U		NA	10.0	U		NA	10.0	U		NA
Iron	1800000		1735000		1820000		19600		18.1	U	662	U
Lead	227	J	50.75		199	J	3.6	UJ	2.3	UJ	3.0	U
Magnesium	309000		244500		268000		31900		31200		14100	
Manganese	122000		112500		108000		11600	J	10900		627	J
Mercury	0.26	J	0.20	U	0.92		0.20	U	0.20	UJ	0.20	U
Nickel	3500	J	2740		3240	J	20.5		24.7		2.5	U
Potassium	18600	J	13550		13100	J	7080		6140	J	16700	
Selenium	3.0	UJ	3.0	U	3.0	UJ	3.0	U	3.0	UJ	3.0	U
Silver		R	1.0	U		R	1.0	U	1.3	J	1.1	U
Sodium	71300	J	70850		69800	J	98900		159000	J	49200	
Thallium	72.3	J	6.0	U	91.7	J	6.0	U	3.1	U	6.0	U
Vanadium		R		NA	52.8	J	1.0	U	1.0	U	1.0	U
Zinc	7320		6220		7020		58.1	U	27.4	U	28.1	U
Wet Chemistry Analysis												
Alkalinity	2.0	U	2.0	U	10.0		106		2.0	U	446	
Carbon Dioxide	2.0	U		NA	168			NA	2.0	U		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	234	U	217.5		233	U	118		213	U	30.0	
Ferrous Iron	26.7			NA	299			NA	0.030	U		NA
Nitrate	0.050	U		NA	7.24			NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.10	U		NA	9.04			NA	0.74	
Nitrite-N	2.07			NA	0.050	U		NA	2.45			NA
Sulfate	9910		7740		286		252		10300		264	
Sulfide	0.50	U		NA	0.50	U		NA	0.50	U		NA
Total Organic Carbon	2.0	U		NA	2.0	U		NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	2700		3400		330		10350		7050	
1,1,2,2-Tetrachloroethane	10	U	250	UJ	250	U	10	U	500	U	500	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA		NA
1,1,2-Trichloroethane	10	U	250	U	250	U	2	J	500	U	500	U
1,1-Dichloroethane	10	U	310		660		1700	*	300		285	
1,1-Dichloroethene	10	U	2500		3800		1500	*	9500		5200	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U		NA		NA
1,2-Dibromoethane	10	U		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,2-Dichloroethane	10	U	250	U	250	U	10		500	U	500	U
1,2-Dichloroethene (total)		NA	270		360			NA	760		1450	
1,2-Dichloropropane	10	U	250	U	250	U	10	U	500	U	500	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA		NA
1,4-Dioxane	100	UJ		NA		NA	140	J		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	250	UJ	250	U	10	U	500	U	500	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	250	UJ	250	U	10	U	500	U	500	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	250	UJ	250	U	10	U	500	U	500	U
Acetone	10	UJ	250	U	250	U	10	U	500	U	500	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	250	U	250	UJ	2	J	500	U	500	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	250	U	250	U	10	U	500	U	500	U
Bromoform	10	U	250	U	250	U	10	U	500	U	500	U
Bromomethane	10	U	250	U	250	U	10	U	500	U	500	U
Carbon Disulfide	10	U	250	U	250	U	10	U	500	U	500	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Carbon Tetrachloride	10	U	250	U	250	U	10	U	500	U	500	U
Chlorobenzene	10	U	250	U	250	UJ	16		500	U	500	U
Chloroethane	10	U	250	UJ	250	U	11		500	U	500	U
Chloroform	10	U	250	U	250	U	10	U	500	U	500	U
Chloromethane	10	U	250	UJ	250	U	10	U	500	U	500	U
cis-1,2-Dichloroethene	10	U		NA		NA	480	*		NA		NA
cis-1,3-Dichloropropene	10	U	250	U	250	U	10	U	500	U	500	U
Cyclohexane	10	U		NA		NA	10	U		NA		NA
Dibromochloromethane	10	U	250	U	250	U	10	U	500	U	500	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA		NA	10	UJ		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	250	U	250	UJ	10	U	500	U	500	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U		NA		NA
Methyl tert-Butyl Ether	10	U		NA		NA	10	U		NA		NA
Methylcyclohexane	10	U		NA		NA	10	U		NA		NA
Methylene Chloride	10	U	250	U	250	U	10	U	500	U	500	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	250	U	250	UJ	10	U	500	U	500	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	250	U	250	U	10	U	500	U	500	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	250	U	14	J	5	J	500	U	500	U
Total Xylenes	10	U	250	U	250	UJ	10	U	500	U	500	U
trans-1,2-Dichloroethene	10	U		NA		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	250	U	250	U	10	U	500	U	500	U
Trichloroethene	10	U	92	J	250	U	71		135		245	
Trichlorofluoromethane	10	U		NA		NA	10	U		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	250	UJ	250	U	31		500	U	120	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA		NA	13.0			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Ethene	10.0	U		NA		NA	19.0			NA		NA
Methane	16.0			NA		NA	140			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,2-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,3-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
1,4-Dichlorobenzene		NA	10	U	10	U		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	1	J	2	J	10	U	2		3.5	
2,4-Dinitrophenol	25	U	25	U	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	UJ	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	UJ	10	U	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	UJ	10	U	0.5	J	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	UJ	1	J	25	U	1	J	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	UJ		NA		NA	10	U		NA		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA		NA	10	U		NA		NA
Benzaldehyde	10	U		NA		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	UJ	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	1	J	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	UJ	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	0.55	
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U	10	U	1	
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U	10	U		NA	10	U	0.55	
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA		NA
Chrysene	0.20	U		NA		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA		NA
Phenanthrene	0.20	U		NA		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.0084	J	0.050	U	0.050	U	0.0215	
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	1.1	U	1.1			NA	1.1	U	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	1.1	J	0.25	U	2.0	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	1.0	U	0.25	U	1.0	U	1.0	U
Aroclor-1262	0.28	U	1.0	UJ	1.0	U	0.28	U	1.0	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.015	J	0.050	U	0.050	U	0.046	
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Dieldrin	0.050	U	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.016	J	0.050	U	0.050	U	0.0285	
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	0.050	U	0.10	U	0.10	U	0.050	U	0.10	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U		R	0.050	U	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.050	U	0.020	U	0.050	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.050	U	0.020	U		NA	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.3	U		NA		NA	3.1	U		NA		NA
1,2,3,4,6,7,8-HpCDF	1.3	U		NA		NA	1.7	U		NA		NA
1,2,3,4,7,8,9-HpCDF	1.6	U		NA		NA	2.1	U		NA		NA
1,2,3,4,7,8-HxCDD	1.4	U		NA		NA	1.9	U		NA		NA
1,2,3,4,7,8-HxCDF	1.8	U		NA		NA	1.3	U		NA		NA
1,2,3,6,7,8-HxCDD	1.4	U		NA		NA	1.9	U		NA		NA
1,2,3,6,7,8-HxCDF	0.90	U		NA		NA	1.2	U		NA		NA
1,2,3,7,8,9-HxCDD	1.4	U		NA		NA	1.9	U		NA		NA
1,2,3,7,8,9-HxCDF	1.2	U		NA		NA	1.5	U		NA		NA
1,2,3,7,8-PeCDD	1.2	U		NA		NA	1.8	U		NA		NA
1,2,3,7,8-PeCDF	2.4	UEMPC		NA		NA	1.4	U		NA		NA
2,3,4,6,7,8-HxCDF	1.1	U		NA		NA	1.3	U		NA		NA
2,3,4,7,8-PeCDF	1.0	U		NA		NA	1.4	U		NA		NA
2,3,7,8-TCDD	1.1	U		NA		NA	2.0	U		NA		NA
2,3,7,8-TCDF	0.90	U		NA		NA	1.3	U		NA		NA
OCDD	3.9	J		NA		NA	4.7	EMPC		NA		NA
OCDF	2.6	U		NA		NA	38.1	U		NA		NA
Total HpCDD	2.3	UJ		NA		NA	3.1	UJ		NA		NA
Total HpCDF	1.4	UJ		NA		NA	1.9	UJ		NA		NA
Total HxCDD	1.4	UJ		NA		NA	1.9	UJ		NA		NA
Total HxCDF	1.8	UJ		NA		NA	1.3	UJ		NA		NA
Total PeCDD	1.2	UJ		NA		NA	1.8	UJ		NA		NA
Total PeCDF	2.4	UJEMP		NA		NA	1.4	UJ		NA		NA
Total TCDD	1.1	UJ		NA		NA	2.0	UJ		NA		NA
Total TCDF	0.90	UJ		NA		NA	1.3	UJ		NA		NA
Toxicity Equivalency	0.00039	J		NA		NA	0.00047	J		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	82.1	U	374	J	170		104	U	517		120.5	
Antimony	3.5	U		R	3.3	U	3.7	U	3.0	U	2.625	
Arsenic	3.3	UJ	35.4		8.2		5.0		60.75		88.25	
Barium	99.0	J	35.1	J	27.0		23.8	J	18.95		19.8	
Beryllium	0.10	U	1.0	U	1.2		0.10	U	1.0	U	1.6	
Cadmium	0.40	UJ	1.0	U	4.7		0.40	UJ	75.4		15.2	
Calcium	248000		331000		372000		318000		482500		260000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-211S-07		OU2-MW-212B-01		OU2-MW-212B-02		OU2-MW-212B-07		OU2-MW-212D-01-AVG		OU2-MW-212D-02-AVG	
Sample Location	MW-211S		MW-212B		MW-212B		MW-212B		MW-212D		MW-212D	
Date Sampled	12/11/2002		11/17/1997		11/20/1998		12/17/2002		11/13/1997		11/20/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Duplicate 5		Field Dup. OU2-MW-212D-02	
Zone	Overburden		Bedrock		Bedrock		Bedrock		Overburden		Overburden	
Chromium	0.90	U	38.7		14.7		8.6	J	22.75		1.55	
Cobalt	1.0	U		R	822		299	J	3135		1805	
Copper	1.3	U	1.0	U	5.6		1.4	U	2.0	U	4.75	
Cyanide	10.0	U		NA		NA	10.0	U		NA		NA
Iron	1770		304000		249000		101000		1105000		573500	
Lead	2.5	J	20.3		35.2		6.3			NA	61.15	
Magnesium	31100		159000		155000		99600		255000		160000	
Manganese	879		151000		125000		57900		231000		129000	
Mercury	0.20	UJ	0.20	UJ	0.10	U	0.10	U	0.14		0.10	U
Nickel		R	532	J	295		147	J	1505		799.5	
Potassium	23400	J	14300		11200		13300	J	16700		16800	
Selenium	3.0	UJ	50.5		27.2		28.6	J	164.5		23.35	
Silver	1.1	UJ	15.9		6.8		5.0		12.9		4.2	
Sodium	141000	J	213000		145000		94100		94950		93600	
Thallium	3.1	UJ	6.0	U	3.3	U	5.1	UJ		NA	20.95	
Vanadium	1.0	U	1.0	U	1.4	U	0.70	U	1.0	U	1.4	U
Zinc	8.8	UJ	1570	J	924		38.4	J	1125		1145	
Wet Chemistry Analysis												
Alkalinity	350		120		129		113		51.75		66.4	
Carbon Dioxide	386			NA		NA	232			NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	163	U	130		127		121		176		179.5	
Ferrous Iron	1.84			NA		NA	76.0			NA		NA
Nitrate	2.37			NA		NA	0.050	U		NA		NA
Nitrate-Nitrite (as N)		NA	0.22		0.050	U		NA	0.10	U	0.1075	U
Nitrite-N	0.060			NA		NA	0.050	U		NA		NA
Sulfate	226		2800		2720		1440		4705		2725	
Sulfide	0.50	U		NA		NA	0.90			NA		NA
Total Organic Carbon	2.0	U		NA		NA	3.05			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA
1,1,1-Trichloroethane	2500		2400	*	2500	*	10000	*
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	100	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U		NA
1,1,2-Trichloroethane	9		9	J	9	J	100	U
1,1-Dichloroethane	520		500	*	530	*	490	
1,1-Dichloroethene	1900		1900	*	1900	*	7600	*
1,1-Dichloropropene		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ	10	UJ	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U		NA
1,2-Dibromoethane	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U		NA
1,2-Dichloroethane	5		5	J	5	J	100	U
1,2-Dichloroethene (total)		NA		NA		NA	850	
1,2-Dichloropropane	10	U	10	U	10	U	100	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U	10	U		NA
1,4-Dioxane		NA	450	J	460	J		NA
2,2-Dichloropropane		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	140	UJ
2-Chlorotoluene		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	100	U
4-Chlorotoluene		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	100	U
Acetone	10	U	10	U	10	U	100	U
Acrolein		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA
Benzene	7		7	J	7	J	100	U
Bromobenzene		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	100	U
Bromoform	10	U	10	U	10	U	100	U
Bromomethane	10	U	10	U	10	U	100	U
Carbon Disulfide	10	U	10	U	10	U	100	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	10	U	100	U
Chlorobenzene	96		96		96		100	U
Chloroethane	10	U	10	U	10	U	100	U
Chloroform	7		7	J	7	J	100	U
Chloromethane	10	U	10	U	10	U	100	U
cis-1,2-Dichloroethene	2000		1900	*	2000	*		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	100	U
Cyclohexane	10	U	10	U	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	100	U
Dibromomethane		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ		NA
Ethyl Ether		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	100	U
Hexachlorobutadiene		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U	10	U		NA
m&p-Xylene		NA		NA		NA		NA
Methyl Acetate	10	U	10	U	10	U		NA
Methyl tert-Butyl Ether	10	U	10	U	10	U		NA
Methylcyclohexane	10	U	10	U	10	U		NA
Methylene Chloride	10	U	10	U	10	U	120	U
Naphthalene		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	100	U
Tert-Butylbenzene		NA		NA		NA		NA
Tetrachloroethene	2		2	J	2	J	100	U
Tetrahydrofuran		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	100	U
Total Xylenes	10	U	10	U	10	U	100	U
trans-1,2-Dichloroethene	10	U	10	U	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	100	U
Trichloroethene	450		430	*	470	*	390	
Trichlorofluoromethane	10	U	10	U	10	U		NA
Vinyl Acetate		NA		NA		NA		NA
Vinyl Chloride	240		240		240		28	J
Dissolved Methane, Ethane, Ethene Analysis (UG/L)								
Ethane	10.0	U	10.0	U	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U	10.0	U	10.0	U		NA
Methane	190		180		200			NA
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl	10	U	10	U	10	U		NA
1,2,4-Trichlorobenzene		NA		NA		NA	10	U
1,2-Dichlorobenzene		NA		NA		NA	10	U
1,3-Dichlorobenzene		NA		NA		NA	10	U
1,4-Dichlorobenzene		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	2	J
2,4-Dinitrophenol	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	UJ	25	UJ	25	UJ	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U
Acetophenone	10	U	10	U	10	U		NA
Anthracene	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U	10	U		NA
Benzaldehyde	10	UJ	10	UJ	10	U		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U		NA
Carbazole	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U
Total PAH		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene	0.20	U	0.20	U	0.20	U		NA
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U		NA
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U		NA
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U		NA
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U		NA
Chrysene	0.20	U	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U		NA
Phenanthrene	0.20	U	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDT	0.10	U	0.10	U	0.10	U		R
Aldrin	0.050	U	0.050	U	0.050	U	0.050	UJ
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	UJ
Aroclor, Total		NA		NA		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1221	0.25	U	0.25	U	0.25	U	2.0	UJ
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1254	0.25	U	0.25	U	0.25	U	1.0	UJ
Aroclor-1260	0.25	U	0.25	U	0.25	U	1.0	UJ
Aroclor-1262	0.28	U	0.28	U	0.28	U	1.0	UJ
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	UJ
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	UJ
delta-BHC	0.050	U	0.050	U	0.050	U		R
Dieldrin	0.050	U	0.050	U	0.050	U	0.10	UJ
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	UJ
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	UJ
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		R
Endrin	0.050	U	0.050	U	0.050	U	0.10	UJ
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	UJ
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	UJ
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	UJ
Heptachlor	0.020	U	0.020	U	0.020	U	0.050	UJ
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U		R
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	UJ
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	UJ
Dioxin Analysis (PG/L)								
1,2,3,4,6,7,8-HpCDD	3.0	U	3.0	U	2.3	U		NA
1,2,3,4,6,7,8-HpCDF	1.7	U	1.7	U	1.2	U		NA
1,2,3,4,7,8,9-HpCDF	2.1	U	2.1	U	1.6	U		NA
1,2,3,4,7,8-HxCDD	1.8	U	1.8	U	1.5	U		NA
1,2,3,4,7,8-HxCDF	1.3	U	1.3	U	0.99	UEMPC		NA
1,2,3,6,7,8-HxCDD	1.8	U	1.8	U	1.5	U		NA
1,2,3,6,7,8-HxCDF	1.2	U	1.2	U	0.90	U		NA
1,2,3,7,8,9-HxCDD	1.8	U	1.8	U	1.5	U		NA
1,2,3,7,8,9-HxCDF	1.5	U	1.5	U	1.1	U		NA
1,2,3,7,8-PeCDD	1.6	U	1.6	U	1.3	U		NA
1,2,3,7,8-PeCDF	1.3	U	1.3	U	1.0	U		NA
2,3,4,6,7,8-HxCDF	1.3	U	1.3	U	1.0	U		NA
2,3,4,7,8-PeCDF	1.3	U	1.3	U	1.0	U		NA
2,3,7,8-TCDD	1.9	U	1.9	U	1.4	U		NA
2,3,7,8-TCDF	1.3	U	1.3	U	0.90	U		NA
OCDD	4.1	U	4.1	U	3.4	U		NA
OCDF	21.0	U	21.0	U	32.0	U		NA
Total HpCDD	3.0	UJ	3.0	UJ	2.3	UJ		NA
Total HpCDF	1.9	UJ	1.9	UJ	1.4	UJ		NA
Total HxCDD	1.8	UJ	1.8	UJ	1.5	UJ		NA
Total HxCDF	1.3	UJ	1.3	UJ	0.99	UEMPC		NA
Total PeCDD	1.6	UJ	1.6	UJ	1.3	UJ		NA
Total PeCDF	1.3	UJ	1.3	UJ	1.0	UJ		NA
Total TCDD	1.9	UJ	1.9	UJ	1.4	UJ		NA
Total TCDF	1.3	UJ	1.3	UJ	0.90	UJ		NA
Toxicity Equivalency	0.00	U	0.00	U	0.00	UJ		NA
TAL Metal Analysis (UG/L)								
Aluminum	40.0	UJ	40.0	UJ	54.8	U	1270	
Antimony	3.7	U	3.7	U	3.7	U	3.0	U
Arsenic	62.9		62.4		63.3		42.6	
Barium	19.0		18.8	J	19.2	J	25.0	
Beryllium	0.10	U	0.10	U	0.10	U	1.0	U
Cadmium	0.40	UJ	0.40	UJ	0.40	UJ	49.0	
Calcium	144000		144000		144000		442000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212D-07-AVG		OU2-MW-212D-07		OU2-MW-DUP06-07		OU2-MW-212M-01	
Sample Location	MW-212D		MW-212D		MW-212D		MW-212M	
Date Sampled	12/17/2002		12/17/2002		12/17/2002		11/13/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		Field Dup. OU2-MW-212D-07		None	
Zone	Overburden		Overburden		Overburden		Overburden	
Chromium	5.0		4.7	J	5.4	J	35.2	
Cobalt	651		651		651		2690	
Copper	1.4	U	1.4	U	1.4	U	2.0	U
Cyanide	10.0	U	10.0	U	10.0	U		NA
Iron	178000		178000		178000		767000	
Lead	5.3		5.8		4.8		1.0	U
Magnesium	83000		83300		82700		224000	
Manganese	53800		54000		53700		272000	
Mercury	0.10	U	0.10	U	0.10	U	0.26	J
Nickel	208		207	J	208	J	1090	
Potassium	16100		16200	J	16000	J	17900	
Selenium	28.6		29.7	J	27.4	J	179	
Silver	4.5		4.4		4.6		9.8	J
Sodium	102000		102000		101000		75000	
Thallium	5.1	UJ	5.1	UJ	5.1	UJ	3.0	U
Vanadium	0.70	U	0.70	U	0.70	U	1.0	U
Zinc	304		303	J	304	J	1300	J
Wet Chemistry Analysis								
Alkalinity	68.5		86.0		51.0		84.5	
Carbon Dioxide	292		361		222			NA
Carbon Dioxide, Free		NA		NA		NA		NA
Chloride	211		210		213		61.1	
Ferrous Iron	133		140		125.2			NA
Nitrate	0.050	U	0.050	U	0.050	U		NA
Nitrate-Nitrite (as N)		NA		NA		NA	0.10	U
Nitrite-N	0.050	UJ	0.050	UJ	0.050	U		NA
Sulfate	1110		1120		1100		4330	
Sulfide	1.1		1.6	J	0.50			NA
Total Organic Carbon	4.2		7.38	J	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	1	U
1,1,1-Trichloroethane	4200	*	4900	*	6400	*	4000		3500	*	1	U
1,1,2,2-Tetrachloroethane	10	UJ	10	U	50	U	500	U	10	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA		NA	10	U	1	U
1,1,2-Trichloroethane	18	J	5	J	50	U	500	U	4	J	1	U
1,1-Dichloroethane	190	*	520	*	480		500	U	440	*	1.7	
1,1-Dichloroethene	1600	*	1200	*	2100	*	1600		1000	*	0.83	L
1,1-Dichloropropene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	1	U
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	1	U
1,2,4-Trichlorobenzene		NA	10	U		NA		NA	10	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,2-Dibromo-3-chloropropane		NA	10	U		NA		NA	10	U	1	U
1,2-Dibromoethane		NA	10	U		NA		NA	10	U	1	U
1,2-Dichlorobenzene		NA	10	U		NA		NA	10	U	1	U
1,2-Dichloroethane	9	J	3	J	7	J	500	UJ	3	J	1	U
1,2-Dichloroethene (total)	1100	*		NA	1100	*	920			NA		NA
1,2-Dichloropropane	1	J	10	U	50	U	500	U	10	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	1	U
1,3-Dichlorobenzene		NA	10	U		NA		NA	10	U	1	U
1,3-Dichloropropane		NA		NA		NA		NA		NA	1	U
1,4-Dichlorobenzene		NA	10	U		NA		NA	10	U	1	U
1,4-Dioxane		NA	86	J		NA		NA	130	J		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA	1	U
2-Butanone	10	UJ	10	U	100	UJ	500	UJ	10	U	4	U
2-Chlorotoluene		NA		NA		NA		NA		NA	1	U
2-Hexanone	10	UJ	10	U	50	U	500	U	10	U	0.6	U
4-Chlorotoluene		NA		NA		NA		NA		NA	1	U
4-Methyl-2-Pentanone	10	UJ	10	U	50	U	500	U	10	U	0.5	U
Acetone	10	UJ	10	U	50	U	500	UJ	10	U	1	B,J
Acrolein		NA		NA		NA		NA		NA	10	U
Acrylonitrile		NA		NA		NA		NA		NA	5	U
Benzene	3	J	2	J	50	U		R	3	J	1	U
Bromobenzene		NA		NA		NA		NA		NA	1	U
Bromochloromethane		NA		NA		NA		NA		NA	1	U
Bromodichloromethane	10	UJ	10	U	50	U	500	U	10	U	1	U
Bromoform	10	UJ	10	U	50	U	500	U	10	U	1	U
Bromomethane	10	UJ	10	U	50	U	500	U	10	U	0.91	L
Carbon Disulfide	10	UJ	10	U	50	U	500	U	10	U	3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	UJ	10	U	50	U	500	U	10	U	1	U
Chlorobenzene	77	J	23		50	U		R	23		1	U
Chloroethane	8	J	10	U	50	U	500	U	10	U	1	U
Chloroform	12	J	5	J	50	U	500	U	4	J	1	U
Chloromethane	10	UJ	10	U	50	U	500	U	10	U	1	U
cis-1,2-Dichloroethene		NA	940	*		NA		NA	680	*	4.5	
cis-1,3-Dichloropropene	10	UJ	10	U	50	U	500	U	10	U	1	U
Cyclohexane		NA	10	U		NA		NA	10	U		NA
Dibromochloromethane	10	UJ	10	U	50	U	500	U	10	U	1	U
Dibromomethane		NA		NA		NA		NA		NA	1	U
Dichlorodifluoromethane		NA	10	UJ		NA		NA	10	UJ	1	U
Ethyl Ether		NA		NA		NA		NA		NA	3	U
Ethylbenzene	10	UJ	10	U	50	U		R	10	U	1	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	1	U
Isopropylbenzene		NA	10	U		NA		NA	10	U	1	U
m&p-Xylene		NA		NA		NA		NA		NA	2	U
Methyl Acetate		NA	10	U		NA		NA	10	U		NA
Methyl tert-Butyl Ether		NA	10	U		NA		NA	10	U	1.9	
Methylcyclohexane		NA	10	U		NA		NA	1	J		NA
Methylene Chloride	10	UJ	10	U	50	U	500	U	10	U	1	U
Naphthalene		NA		NA		NA		NA		NA	1	U
N-Butylbenzene		NA		NA		NA		NA		NA	1	U
N-Propylbenzene		NA		NA		NA		NA		NA	1	U
o-Xylene		NA		NA		NA		NA		NA	1	U
p-Isopropyltoluene		NA		NA		NA		NA		NA	1	U
Sec-Butylbenzene		NA		NA		NA		NA		NA	1	U
Styrene	10	UJ	10	U	50	U		R	10	U	1	U
Tert-Butylbenzene		NA		NA		NA		NA		NA	1	U
Tetrachloroethene	10	UJ	6	J	5	J	500	U	5	J	1	U
Tetrahydrofuran		NA		NA		NA		NA		NA	7	U
Toluene	10	UJ	10	U	50	U		R	10	U	1	U
Total Xylenes	10	UJ	10	U	50	U		R	10	U		NA
trans-1,2-Dichloroethene		NA	10	U		NA		NA	10	U	1	U
trans-1,3-Dichloropropene	10	UJ	10	U	50	U	500	U	10	U	1	U
Trichloroethene	160	*	1700	*	1400	*	150	J	1300	*	2.9	
Trichlorofluoromethane		NA	10	U		NA		NA	10	U	1	U
Vinyl Acetate		NA		NA		NA		NA		NA	6	U
Vinyl Chloride	150	J	54		45	J	500	U	62		0.51	L
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA	10.0	U		NA		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene		NA	10.0	U		NA		NA	10.0	U		NA
Methane		NA	20.0			NA		NA	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,2-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2,4-Dimethylphenol	1	J	10	U	10	U	10	U	10	U		NA
2,4-Dinitrophenol	25	UJ	25	U	25	U	25	UJ	25	U		NA
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U		NA
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U		NA
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U		NA
2-Methylphenol	10	U	10	U	10	U	10	U	10	U		NA
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U		NA
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	0.5	J	10	U	10	U	10	U	10	U		NA
4-Chloroaniline	10	U	10	UJ	10	UJ	10	U	10	UJ		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	10	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U		NA
4-Nitrophenol	25	U	17	J	40		55		24	J		NA
Acenaphthene	10	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	10	U	10	U	10	U	10	U	10	U		NA
Acetophenone		NA	10	U		NA		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U		NA
Atrazine		NA	10	U		NA		NA	10	U		NA
Benzaldehyde		NA	10	UJ		NA		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	U	10	UJ		NA
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U		NA
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Caprolactam		NA	10	U		NA		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U		NA
Chrysene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U		NA
Dibenzofuran	10	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U		NA
Fluoranthene	10	U	10	U	10	U	10	U	10	U		NA
Fluorene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U		NA
Hexachloroethane	10	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	U	10	UJ		NA
Isophorone	10	U	10	U	10	U	10	U	10	U		NA
Naphthalene	0.8	J	10	U	2	J	1	J	10	U		NA
Nitrobenzene	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U		NA
Phenanthrene	10	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U	10	U		NA
Pyrene	10	U	10	U	10	U	10	U	10	U		NA
Total PAH	0.8			NA	2		1			NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA		NA	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA		NA	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA		NA	0.20	U		NA
Chrysene		NA	0.20	U		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA	0.20	U		NA
Phenanthrene		NA	0.20	U		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U		R	0.10	U	0.10	U		NA
Aldrin	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U		NA
alpha-BHC	0.010	J	0.050	U	0.050	UJ	0.017	J	0.050	U		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U		NA
Aroclor, Total	1.1	U		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U		NA
Aroclor-1221	2.0	U	0.25	U	2.0	UJ	2.0	U	0.25	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U		NA
Aroclor-1248	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U		NA
Aroclor-1254	1.0	U	0.25	U	1.0	UJ	1.0	U	0.25	U		NA
Aroclor-1260	1.0	U	0.25	U	1.0	UJ	1.0	U	0.25	U		NA
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	1.0	U	0.28	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0	U		NA
beta-BHC	0.094		0.050	U	0.050	UJ	0.056		0.050	U		NA
delta-BHC	0.0027	J	0.050	U		R	0.050	U	0.050	U		NA
Dieldrin	0.10	U	0.050	U	0.10	UJ	0.10	U	0.050	U		NA
Endosulfan I	0.029	J	0.050	U	0.050	UJ	0.037	J	0.050	U		NA
Endosulfan II	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA
Endosulfan Sulfate	0.10	U	0.10	U		R	0.10	U	0.10	U		NA
Endrin	0.0035	J	0.050	U	0.10	UJ	0.0054	J	0.050	U		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10	U		NA
gamma-BHC	0.0057	J	0.050	U	0.050	UJ	0.037	J	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U		NA
Heptachlor	0.050	U	0.020	U	0.050	UJ	0.050	U	0.020	U		NA
Heptachlor Epoxide	0.050	U	0.020	U		R	0.050	U	0.020	U		NA
Methoxychlor	0.50	U	0.50	U	0.50	UJ	0.50	U	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	1.0	U		NA		NA	4.6	J		NA
1,2,3,4,6,7,8-HpCDF		NA	0.60	U		NA		NA	5.0	U		NA
1,2,3,4,7,8,9-HpCDF		NA	0.70	U		NA		NA	5.0	UEMPC		NA
1,2,3,4,7,8-HxCDD		NA	0.77	UEMPC		NA		NA	5.2	U		NA
1,2,3,4,7,8-HxCDF		NA	1.6	U		NA		NA	6.4	U		NA
1,2,3,6,7,8-HxCDD		NA	0.86	UEMPC		NA		NA	5.0	U		NA
1,2,3,6,7,8-HxCDF		NA	0.73	UEMPC		NA		NA	6.5	U		NA
1,2,3,7,8,9-HxCDD		NA	1.0	UEMPC		NA		NA	5.6	U		NA
1,2,3,7,8,9-HxCDF		NA	1.4	UEMPC		NA		NA	7.1	U		NA
1,2,3,7,8-PeCDD		NA	1.5	U		NA		NA	7.9	U		NA
1,2,3,7,8-PeCDF		NA	2.0	U		NA		NA	9.6	U		NA
2,3,4,6,7,8-HxCDF		NA	1.1	UEMPC		NA		NA	5.6	U		NA
2,3,4,7,8-PeCDF		NA	1.5	UEMPC		NA		NA	7.8	U		NA
2,3,7,8-TCDD		NA	1.6	UEMPC		NA		NA	4.5	U		NA
2,3,7,8-TCDF		NA	0.82	J		NA		NA	3.8	J		NA
OCDD		NA	3.8	U		NA		NA	7.3	U		NA
OCDF		NA	3.3	U		NA		NA	16.1	U		NA
Total HpCDD		NA	1.0	UJ		NA		NA	4.6	J		NA
Total HpCDF		NA	0.60	UJ		NA		NA	9.9	UEMPC		NA
Total HxCDD		NA	2.7	UEMPC		NA		NA	15.7	UJ		NA
Total HxCDF		NA	4.8	UEMPC		NA		NA	25.6	UJ		NA
Total PeCDD		NA	1.5	UJ		NA		NA	7.9	UJ		NA
Total PeCDF		NA	3.5	UEMPC		NA		NA	17.4	UJ		NA
Total TCDD		NA	1.6	UEMPC		NA		NA	4.5	UJ		NA
Total TCDF		NA	0.82	J		NA		NA	3.8	J		NA
Toxicity Equivalency		NA	0.082	J		NA		NA	0.43	J		NA
TAL Metal Analysis (UG/L)												
Aluminum	1000		156	U	17.0	U	42.1		21.8	U		NA
Antimony	3.3	U	3.7	U	3.4	UJ	3.3	U	3.7	U		NA
Arsenic	40.6		18.5		3.0	U	3.8	U	2.5	U		NA
Barium	18.7		19.0		96.9		38.1		39.8			NA
Beryllium	1.4		0.10	U	1.0	U	0.60		0.10	U		NA
Cadmium	4.2		0.40	U	1.0	U	1.2		0.60	J		NA
Calcium	207000		62900		81300		71500		60900			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-212M-02		OU2-MW-212M-07		OU2-MW-212S-01		OU2-MW-212S-02		OU2-MW-212S-07		RM-GW213-0024	
Sample Location	MW-212M		MW-212M		MW-212S		MW-212S		MW-212S		213	
Date Sampled	11/20/1998		12/17/2002		11/13/1997		11/20/1998		12/17/2002		6/4/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	4.5		5.9		1.0	U	3.0		2.9			NA
Cobalt	1010		85.7		7.9		10.8		8.4			NA
Copper	1.3		1.4	U	2.0	U	20.7		1.4	U		NA
Cyanide		NA	3.0	J		NA		NA	2.7	J		NA
Iron	298000		22200		6410		1140		13.7	U		NA
Lead	31.7		3.2	J	1.3	UJ	2.9	U	2.3	U		NA
Magnesium	117000		38000		62700		56100		52400			NA
Manganese	104000		35400		16700		23400		13500			NA
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Nickel	413		31.0		8.4	U	22.9		12.5			NA
Potassium	14000		11600		9030		8090		9970			NA
Selenium	21.2		17.6		13.2	J	7.0		7.6	J		NA
Silver	2.5		2.6		1.0	J	2.2		1.1	J		NA
Sodium	91600		125000		117000		102000		105000			NA
Thallium	12.2		5.8	J	3.0	U	3.3	U	5.1	U		NA
Vanadium	1.4	U	0.70	U	1.0	U	1.4	U	0.70	U		NA
Zinc	585		49.3		16.2	UJ	22.3		3.4	U		NA
Wet Chemistry Analysis												
Alkalinity	79.6		110		39.9		703		177			NA
Carbon Dioxide		NA	272			NA		NA	278			NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	162		140		152		162		144			NA
Ferrous Iron		NA	7.825			NA		NA	0.030	U		NA
Nitrate		NA	0.050	UJ		NA		NA	1.26	J		NA
Nitrate-Nitrite (as N)	0.050	U		NA	1.11		0.71	U		NA		NA
Nitrite-N		NA	0.050	UJ		NA		NA	0.050	UJ		NA
Sulfate	1920		392		378		780		242			NA
Sulfide		NA	0.50	U		NA		NA	0.50	U		NA
Total Organic Carbon		NA	2.0	U		NA		NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	50	U	1	U	1	U	1	U		NA		NA
1,1,1-Trichloroethane	1200		1	U	1	U	0.66	L	1700		1900	
1,1,2,2-Tetrachloroethane	50	U	1	U	1	U	1	U	160	U	200	U
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	1	U	1	U	1	U		NA		NA
1,1,2-Trichloroethane	50	U	1	U	1	U	1	U	160	U	200	U
1,1-Dichloroethane	450		1	U	11		0.57	L	350		320	
1,1-Dichloroethene	1200		1	U	2.4		1.1		880		880	
1,1-Dichloropropene	50	U	1	U	1	U	1	U		NA		NA
1,2,3-Trichlorobenzene	50	U	1	U	1	U	1	U		NA		NA
1,2,3-Trichloropropane	50	U	1	U	1	U	1	U		NA		NA
1,2,4-Trichlorobenzene	50	U	1	U	1	U	1	U		NA		NA
1,2,4-Trimethylbenzene	50	U	1	U	0.58	L	1	U		NA		NA
1,2-Dibromo-3-chloropropane	50	U	1	U	1	U	1	U		NA		NA
1,2-Dibromoethane	50	U	1	U	1	U	1	U		NA		NA
1,2-Dichlorobenzene	50	U	1	U	1	U	1	U		NA		NA
1,2-Dichloroethane	50	U	1	U	1	U	1	U	160	U	200	UJ
1,2-Dichloroethene (total)		NA		NA		NA		NA	580		490	
1,2-Dichloropropane	50	U	1	U	1	U	1	U	160	U	200	U
1,3,5-Trimethylbenzene	50	U	1	U	1	U	1	U		NA		NA
1,3-Dichlorobenzene	50	U	1	U	1	U	1	U		NA		NA
1,3-Dichloropropane	50	U	1	U	1	U	1	U		NA		NA
1,4-Dichlorobenzene	50	U	1	U	1	U	1	U		NA		NA
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	50	U	1	U	1	U	1	U		NA		NA
2-Butanone	200	U	4	U	4	U	4	U	160	U	200	UJ
2-Chlorotoluene	50	U	1	U	1	U	1	U		NA		NA
2-Hexanone	30	U	0.6	U	0.6	U	0.6	U	160	U	200	UJ
4-Chlorotoluene	50	U	1	U	1	U	1	U		NA		NA
4-Methyl-2-Pentanone	25	U	0.5	U	0.5	U	0.5	U	160	U	200	U
Acetone	57	B,J	2	U	3.4	B,J	2	U	160	UJ	200	UJ
Acrolein	500	U	10	U	10	U	10	U		NA		NA
Acrylonitrile	250	U	5	U	5	U	5	U		NA		NA
Benzene	50	U	1	U	0.77	L	1	U	160	U	200	U
Bromobenzene	50	U	1	U	1	U	1	U		NA		NA
Bromochloromethane	50	U	1	U	1	U	1	U		NA		NA
Bromodichloromethane	50	U	1	U	1	U	1	U	160	U	200	U
Bromoform	50	U	1	U	1	U	1	U	160	U	200	UJ
Bromomethane	50	U	0.73	B,J	1	U	0.69	B,J	160	U	200	U
Carbon Disulfide	150	U	3	U	3	U	3	U	160	U	200	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Carbon Tetrachloride	50	U	1	U	1	U	1	U	160	U	200	U
Chlorobenzene	50	U	1	U	1.1		1	U	160	U	200	U
Chloroethane	50	U	1	U	1	U	1	U	160	U	200	U
Chloroform	50	U	1	U	1	U	1	U	160	U	200	U
Chloromethane	50	U	1	U	1	U	1	U	160	U	200	U
cis-1,2-Dichloroethene	1300		1	U	60		2.4			NA		NA
cis-1,3-Dichloropropene	50	U	1	U	1	U	1	U	160	U	200	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	50	U	1	U	1	U	1	U	160	U	200	U
Dibromomethane	50	U	1	U	1	U	1	U		NA		NA
Dichlorodifluoromethane	50	U	1	U	1	U	1	U		NA		NA
Ethyl Ether	150	U	3	U	3	U	3	U		NA		NA
Ethylbenzene	50	U	1	U	1	U	1	U	160	U	200	U
Hexachlorobutadiene	50	U	1	U	1	U	1	U		NA		NA
Isopropylbenzene	50	U	1	U	1	U	1	U		NA		NA
m&p-Xylene	100	U	2	U	2	U	2	U		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	50	U	3.6		0.7	L	1.4			NA		NA
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	50	U	1	U	1	U	1	U	160	U	200	U
Naphthalene	50	U	1	U	0.93	L	1	U		NA		NA
N-Butylbenzene	50	U	1	U	1	U	1	U		NA		NA
N-Propylbenzene	50	U	1	U	1	U	1	U		NA		NA
o-Xylene	50	U	1	U	1	U	1	U		NA		NA
p-Isopropyltoluene	50	U	1	U	1	U	1	U		NA		NA
Sec-Butylbenzene	50	U	1	U	1	U	1	U		NA		NA
Styrene	50	U	1	U	1	U	1	U	160	U	200	U
Tert-Butylbenzene	50	U	1	U	1	U	1	U		NA		NA
Tetrachloroethene	50	U	1	U	1	U	1	U	160	U	200	U
Tetrahydrofuran	350	U	7	U	7	U	7	U		NA		NA
Toluene	50	U	1	U	1	U	1	U	160	U	200	U
Total Xylenes		NA		NA		NA		NA	160	U	200	U
trans-1,2-Dichloroethene	50	U	1	U	1	U	1	U		NA		NA
trans-1,3-Dichloropropene	50	U	1	U	1	U	1	U	160	U	200	U
Trichloroethene	1100		1	U	0.95	L	1.2		1700		1100	
Trichlorofluoromethane	50	U	1	U	1	U	1	U		NA		NA
Vinyl Acetate	300	U	6	U	6	U	6	U		NA		NA
Vinyl Chloride	150		1	U	1.6		1	U	160	U	200	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25	UJ
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U
3-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U	10	U
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
4-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4-Nitrophenol		NA		NA		NA		NA	5	J	3	J
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	U
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA	10	U	10	U
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	1	J
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10	U
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	U	10	U
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	U
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	U	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.0016	J
Aldrin		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA	0.050	U	0.025	J
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA	1.1	U	1.1	U
Aroclor-1016		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA	2.0	U	2.0	U
Aroclor-1232		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1260		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1262		NA		NA		NA		NA	1.0	UJ	1.0	U
Aroclor-1268		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA	0.050	U	0.026	J
delta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan I		NA		NA		NA		NA	0.050	U	0.050	U
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA	0.050	U	0.0029	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.050	U
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA	20.8	UJ	63.0	
Antimony		NA		NA		NA		NA	4.0	U	3.3	U
Arsenic		NA		NA		NA		NA	6.0	U	3.8	U
Barium		NA		NA		NA		NA	35.0		42.2	
Beryllium		NA		NA		NA		NA	1.0	U	0.74	
Cadmium		NA		NA		NA		NA	1.0	U	0.80	U
Calcium		NA		NA		NA		NA	81100		86300	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW213-0047		RM-GW213-0029		RM-GW213-0019		RM-GW213-0039		OU2-MW-213B-01		OU2-MW-213B-02	
Sample Location	213		213		213		213		MW-213B		MW-213B	
Date Sampled	6/4/2002		6/4/2002		6/4/2002		6/4/2002		11/17/1997		11/21/1998	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Chromium		NA		NA		NA		NA	1.6		1.6	
Cobalt		NA		NA		NA		NA	2.9		3.8	
Copper		NA		NA		NA		NA	28.9	U	6.0	
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA	152	U	841	
Lead		NA		NA		NA		NA	3.0	UJ	3.1	
Magnesium		NA		NA		NA		NA	26000		30800	
Manganese		NA		NA		NA		NA	628		953	
Mercury		NA		NA		NA		NA	0.20	UJ	0.10	U
Nickel		NA		NA		NA		NA	7.3	UJ	8.6	
Potassium		NA		NA		NA		NA	6560		7030	
Selenium		NA		NA		NA		NA	3.0	U	3.4	U
Silver		NA		NA		NA		NA	1.4		1.0	U
Sodium		NA		NA		NA		NA	84500		98200	
Thallium		NA		NA		NA		NA	6.0	U	3.3	U
Vanadium		NA		NA		NA		NA	1.0	U	1.4	U
Zinc		NA		NA		NA		NA	51.1	UJ	23.4	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	158		173	
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	136		169	
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA	0.61		2.8	
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA	154		6.4	
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	1000	*	1500	*	670		230			NA	65	
1,1,2,2-Tetrachloroethane	10	U	10	U	50	U	25	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA		NA	10	U
1,1,2-Trichloroethane	3	J	7	J	50	U	25	U		NA	10	U
1,1-Dichloroethane	270		530	*	240		47			NA	15	
1,1-Dichloroethene	740	*	1600	*	350		97			NA	40	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA		NA		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,2-Dichloroethane	2	J	8	J	50	U	25	U		NA	10	U
1,2-Dichloroethene (total)		NA		NA	190		59			NA		NA
1,2-Dichloropropane	10	U	10	U	50	U	25	U		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,4-Dioxane	170	J	700			NA		NA		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	UJ	50	U	25	U		NA	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	50	U	25	U		NA	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	50	U	25	U		NA	10	U
Acetone	10	UJ	10	UJ	50	UJ	25	U		NA	16	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	50	U	25	U		NA	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	50	U	25	U		NA	10	U
Bromoform	10	U	10	U	50	U	25	U		NA	10	U
Bromomethane	10	U	10	U	50	U	25	U		NA	10	U
Carbon Disulfide	10	U	10	U	50	U	25	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	50	U	25	U		NA	10	U
Chlorobenzene	2	J	2	J	50	U	25	U		NA	10	U
Chloroethane	5	J	10	U	50	U	25	U		NA	10	U
Chloroform	2	J	4	J	50	U	25	U		NA	10	U
Chloromethane	10	U	10	U	50	U	25	U		NA	10	U
cis-1,2-Dichloroethene	400	*	800	*		NA		NA		NA	28	
cis-1,3-Dichloropropene	10	U	10	U	50	U	25	U		NA	10	U
Cyclohexane	10	U	10	U		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U	50	U	25	U		NA	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	UJ		NA		NA		NA	10	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	50	U	25	U		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA		NA		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U		NA		NA		NA	10	U
Methyl tert-Butyl Ether	1	J	10	U		NA		NA		NA	10	U
Methylcyclohexane	10	U	10	UJ		NA		NA		NA	10	U
Methylene Chloride	10	UJ	10	UJ	50	U	9			NA	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	50	U	25	U		NA	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	5	J	15		50	U	25	U		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	32	J	25	U		NA	10	U
Total Xylenes	10	U	10	U	50	U	25	U		NA	10	U
trans-1,2-Dichloroethene	2	J	10	U		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	50	U	25	U		NA	10	U
Trichloroethene	1200	*	3900	*	200		64.5			NA	49	
Trichlorofluoromethane	10	U	10	U		NA		NA		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	15		28		50	U	25	U		NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U	10.0	U		NA		NA		NA	10.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U	10.0	U		NA		NA		NA	10.0	U
Methane	51.0		8.0			NA		NA		NA	5.3	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA	70			NA
1,1-Dichloroethene		NA		NA		NA		NA	34			NA
Benzene		NA		NA		NA		NA	0.5	U		NA
Chlorobenzene		NA		NA		NA		NA	5	U		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA	23			NA
Tetrachloroethene		NA		NA		NA		NA	0.5	U		NA
Toluene		NA		NA		NA		NA	1	U		NA
Trichloroethene		NA		NA		NA		NA	42			NA
Vinyl Chloride		NA		NA		NA		NA	0.1	U		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA	10	U	10	U		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	U	25	U		NA	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U		NA	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U		NA	10	U
2-Methylphenol	10	U	10	U	10	U	10	U		NA	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U		NA	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U		NA	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U		NA	10	U
4-Chloroaniline	10	UJ	10	UJ	10	U	10	U		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10	U
4-Methylphenol	10	U	10	U	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U	25	UJ	25	U	25	U		NA	25	U
4-Nitrophenol	2	J	25	UJ	1	J	25	U		NA	25	U
Acenaphthene	10	U	10	U	10	U	10	U		NA	10	U
Acenaphthylene	10	U	10	U	10	U	10	U		NA	10	U
Acetophenone	10	U	10	U		NA		NA		NA	10	U
Anthracene	10	U	10	U	10	U	10	U		NA	10	U
Atrazine	10	U	10	U		NA		NA		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA		NA		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U		NA	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U		NA	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Caprolactam	10	U	83	E		NA		NA		NA	10	U
Carbazole	10	U	10	U	10	U	10	U		NA	10	U
Chrysene	10	U	10	U	10	U	10	U		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U		NA	10	U
Dibenzofuran	10	U	10	U	10	U	10	U		NA	10	U
Diethylphthalate	10	U	7	J	10	U	10	U		NA	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U		NA	10	UJ
Fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Fluorene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U		NA	10	U
Hexachloroethane	10	U	10	U	10	U	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U		NA	10	U
Isophorone	10	U	10	U	10	U	10	U		NA	10	U
Naphthalene	10	U	10	U	10	U	10	U		NA	10	U
Nitrobenzene	10	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U		NA	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U		NA	25	U
Phenanthrene	10	U	10	U	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U	10	U	10	U	10	U		NA	10	U
Pyrene	10	U	10	UJ	10	U	10	U		NA	10	U
Total PAH		NA		NA	10	U	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.0039			NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA	1.1	U	1.1	U		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U	2.0	U	2.0	U		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U	1.0	U	1.0	U		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U	1.0	U	1.0	U		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U	1.0	UJ	1.0	U		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.0050			NA	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Dieldrin	0.050	U	0.050	U	0.10	U	0.10	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.0036			NA	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.0042			NA	0.10	U
Endrin	0.050	U	0.050	U	0.10	U	0.10	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U		NA		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.020	U	0.050	U	0.050	U		NA	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U	0.050	U	0.050	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	3.0	U	3.6	U		NA		NA		NA	3.6	J
1,2,3,4,6,7,8-HpCDF	1.8	U	2.0	U		NA		NA		NA	5.3	UJ
1,2,3,4,7,8,9-HpCDF	2.2	U	2.5	U		NA		NA		NA	3.9	UJ
1,2,3,4,7,8-HxCDD	1.9	U	2.1	U		NA		NA		NA	2.7	EMPC
1,2,3,4,7,8-HxCDF	1.2	U	1.4	U		NA		NA		NA	4.2	UJ
1,2,3,6,7,8-HxCDD	1.8	U	2.0	U		NA		NA		NA	3.5	UJ
1,2,3,6,7,8-HxCDF	1.1	U	1.4	U		NA		NA		NA	4.2	UJ
1,2,3,7,8,9-HxCDD	1.8	U	2.0	U		NA		NA		NA	3.9	J
1,2,3,7,8,9-HxCDF	1.4	U	1.8	U		NA		NA		NA	4.3	UJ
1,2,3,7,8-PeCDD	1.4	U	2.0	U		NA		NA		NA	4.1	J
1,2,3,7,8-PeCDF	1.0	U	1.3	U		NA		NA		NA	4.1	UEMPC
2,3,4,6,7,8-HxCDF	1.3	U	1.5	U		NA		NA		NA	3.7	UJ
2,3,4,7,8-PeCDF	1.0	U	1.4	U		NA		NA		NA	3.0	UEMPC
2,3,7,8-TCDD	1.7	U	1.8	U		NA		NA		NA	1.9	UJ
2,3,7,8-TCDF	1.3	U	1.3	U		NA		NA		NA	1.1	UJ
OCDD	8.1	U	5.0	U		NA		NA		NA	9.6	UJ
OCDF	3.5	U	3.6	U		NA		NA		NA	7.5	UJ
Total HpCDD	3.0	UJ	3.6	UJ		NA		NA		NA	3.6	J
Total HpCDF	2.0	UJ	2.2	UJ		NA		NA		NA	9.2	UJ
Total HxCDD	1.8	UJ	2.0	UJ		NA		NA		NA	10.0	UEMPC
Total HxCDF	1.2	UJ	1.5	UJ		NA		NA		NA	16.4	UJ
Total PeCDD	1.4	UJ	2.0	UJ		NA		NA		NA	4.1	UJ
Total PeCDF	1.0	UJ	1.4	UJ		NA		NA		NA	7.1	UEMPC
Total TCDD	1.7	UJ	1.8	UJ		NA		NA		NA	1.9	UJ
Total TCDF	1.3	UJ	1.3	UJ		NA		NA		NA	1.1	UJ
Toxicity Equivalency	0.00	U	0.00	U		NA		NA		NA	4.8	J
TAL Metal Analysis (UG/L)												
Aluminum	63.2	U	10.1	U	24.8	UJ	99.5			NA	106	U
Antimony	2.3	U	3.5	U	4.0	U	3.6			NA	2.3	U
Arsenic	4.8	U	2.3	U	6.0	U	3.8	U		NA	4.8	U
Barium	34.3		32.0	U	59.6		37.4			NA	16.2	
Beryllium	0.10	U	1.1	U	1.0	U	0.62			NA	0.10	U
Cadmium	0.30	U	0.50	U	1.0	U	0.80	U		NA	0.30	U
Calcium	85800		141000		41900		20800			NA	13000	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-213B-07		OU2-MW-213DB-07		OU2-MW-213S-01		OU2-MW-213S-02-AVG		OU2-GW-213S-07		OU2-MW-213S-07	
Sample Location	MW-213B		MW-213DB		MW-213S		MW-213S		MW-213S		MW-213S	
Date Sampled	1/9/2003		1/15/2003		11/17/1997		11/21/1998		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-213S-02		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chromium	0.60	U	1.8	U	8.9		1.6			NA	0.60	U
Cobalt	3.1		5.2		6.8		8.3			NA	1.0	U
Copper	0.60	UJ	1.6	J	24.6	U	10.5			NA	0.60	UJ
Cyanide	10.0	U	2.8	UJ		NA		NA		NA	10.0	U
Iron	41.4	U	19.5	U	764		725			NA	23.2	UJ
Lead	2.2	UJ	1.5	U	3.0	UJ	3.1			NA	2.2	UJ
Magnesium	31100		31600		13400		7500			NA	4330	
Manganese	430		40.4	J	2390		360			NA	6.2	U
Mercury	0.10	U	0.10	U	0.20	UJ	0.10	U		NA	0.10	U
Nickel	6.8		9.9		8.8	UJ	4.4			NA	1.1	U
Potassium	6740		6970	J	10500		5760			NA	3720	
Selenium	4.8	U	2.2	UJ	3.0	U	3.4	U		NA	4.8	U
Silver	0.60	U	2.3	UJ	1.3		1.4			NA	0.60	U
Sodium	124000		97400		86000		89300			NA	76200	
Thallium	4.7	UJ	4.0	U	6.0	U	3.3	U		NA	4.7	UJ
Vanadium	0.50	U	1.9		1.0	U	1.4	U		NA	0.50	U
Zinc	13.7		9.8	UJ	9.5	UJ	20.6			NA	4.6	
Wet Chemistry Analysis												
Alkalinity	170	J	178	J	138		67.8			NA	70.0	J
Carbon Dioxide	209	J	193	J		NA		NA		NA	83.8	J
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	189	J	168	J	111		104			NA	54.2	
Ferrous Iron	0.030	U	0.030	UJ		NA		NA		NA	0.030	U
Nitrate	0.62		1.1			NA		NA		NA	3.4	J
Nitrate-Nitrite (as N)		NA		NA	0.26		4.7			NA		NA
Nitrite-N	0.050	U	0.20	U		NA		NA		NA	0.050	UJ
Sulfate	180		240		73.0		58.9			NA	36.7	
Sulfide	0.50	U	0.50	U		NA		NA		NA	0.50	UJ
Total Organic Carbon	9.05		6.93			NA		NA		NA	4.04	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	20	U	20	U	100	U	100	U	100	U		NA
1,1,1-Trichloroethane	3400		2000		3100		1700		850		640	*
1,1,2,2-Tetrachloroethane	20	U	20	U	100	U	100	U	100	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	U	100	U	100	U	100	U	10	U
1,1,2-Trichloroethane	20	U	20	U	100	U	100	U	100	U	1	J
1,1-Dichloroethane	1200		1500		260		730		410		230	
1,1-Dichloroethene	1300		740		3500		390		370		530	*
1,1-Dichloropropene	20	U	20	U	100	U	100	U	100	U		NA
1,2,3-Trichlorobenzene	20	U	20	U	100	U	100	U	100	U		NA
1,2,3-Trichloropropane	20	U	20	U	100	U	100	U	100	U		NA
1,2,4-Trichlorobenzene	20	U	20	U	100	U	100	U	100	U	10	U
1,2,4-Trimethylbenzene	20	U	20	U	100	U	100	U	100	U		NA
1,2-Dibromo-3-chloropropane	20	U	20	U	100	U	100	U	100	U	10	U
1,2-Dibromoethane	20	U	20	U	100	U	100	U	100	U	10	U
1,2-Dichlorobenzene	20	U	20	U	100	U	100	U	100	U	10	U
1,2-Dichloroethane	20	U	20	U	100	U	100	U	100	U	2	J
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	20	U	20	U	100	U	100	U	100	U	10	U
1,3,5-Trimethylbenzene	20	U	20	U	100	U	100	U	100	U		NA
1,3-Dichlorobenzene	20	U	20	U	100	U	100	U	100	U	10	U
1,3-Dichloropropane	20	U	20	U	100	U	100	U	100	U		NA
1,4-Dichlorobenzene	20	U	20	U	100	U	100	U	100	U	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	98	J
2,2-Dichloropropane	20	U	20	U	100	U	100	U	100	U		NA
2-Butanone	80	U	80	U	400	U	400	U	400	U	10	U
2-Chlorotoluene	20	U	20	U	100	U	100	U	100	U		NA
2-Hexanone	12	U	12	U	60	U	60	U	60	U	10	U
4-Chlorotoluene	20	U	20	U	100	U	100	U	100	U		NA
4-Methyl-2-Pentanone	10	U	10	U	50	U	50	U	50	U	10	U
Acetone	28	L,B	31	L,B	200	U	200	U	200	U	10	UJ
Acrolein	200	U	200	U	1000	U	1000	U	1000	U		NA
Acrylonitrile	100	U	100	U	500	U	500	U	500	U		NA
Benzene	40		24		100	U	100	U	100	U	10	U
Bromobenzene	20	U	20	U	100	U	100	U	100	U		NA
Bromochloromethane	20	U	20	U	100	U	100	U	100	U		NA
Bromodichloromethane	20	U	20	U	100	U	100	U	100	U	10	U
Bromoform	20	U	20	U	100	U	100	U	100	U	10	U
Bromomethane	20	U	20	U	100	U	61		100	U	10	U
Carbon Disulfide	60	U	60	U	300	U	300	U	300	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Carbon Tetrachloride	20	U	20	U	100	U	100	U	100	U	10	U
Chlorobenzene	20	U	65		77	L	61		94	L	3	J
Chloroethane	37		24		100	U	100	U	100	U	7	J
Chloroform	20	U	20	U	100	U	100	U	100	U	1	J
Chloromethane	20	U	20	U	100	U	100	U	100	U	10	U
cis-1,2-Dichloroethene	2000		1700		1400		990		1100		190	
cis-1,3-Dichloropropene	20	U	20	U	100	U	100	U	100	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	20	U	20	U	100	U	100	U	100	U	10	U
Dibromomethane	20	U	20	U	100	U	100	U	100	U		NA
Dichlorodifluoromethane	20	U	20	U	100	U	100	U	100	U	10	U
Ethyl Ether	60	U	60	U	300	U	300	U	300	U		NA
Ethylbenzene	20	U	20	U	100	U	100	U	100	U	10	U
Hexachlorobutadiene	20	U	20	U	100	U	100	U	100	U		NA
Isopropylbenzene	20	U	20	U	100	U	100	U	100	U	10	U
m&p-Xylene	40	U	40	U	200	U	200	U	200	U		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether	20	U	20	U	100	U	100	U	100	U	160	
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	20	U	20	U	100	U	100	U	100	U	10	U
Naphthalene	20	U	20	U	100	U	100	U	100	U		NA
N-Butylbenzene	20	U	20	U	100	U	100	U	100	U		NA
N-Propylbenzene	20	U	20	U	100	U	100	U	100	U		NA
o-Xylene	20	U	20	U	100	U	100	U	100	U		NA
p-Isopropyltoluene	20	U	20	U	100	U	100	U	100	U		NA
Sec-Butylbenzene	20	U	20	U	100	U	100	U	100	U		NA
Styrene	20	U	20	U	100	U	100	U	100	U	10	U
Tert-Butylbenzene	20	U	20	U	100	U	100	U	100	U		NA
Tetrachloroethene	20	U	20	U	100	U	100	U	100	U	4	J
Tetrahydrofuran	140	U	140	U	700	U	700	U	700	U		NA
Toluene	20	U	20	U	100	U	100	U	100	U	10	U
Total Xylenes		NA		NA		NA		NA		NA	10	U
trans-1,2-Dichloroethene	20	U	20	U	100	U	100	U	100	U	10	U
trans-1,3-Dichloropropene	20	U	20	U	100	U	100	U	100	U	10	U
Trichloroethene	710		590		340		310		540		370	
Trichlorofluoromethane	20	U	20	U	100	U	100	U	100	U	10	U
Vinyl Acetate	120	U	120	U	600	U	600	U	600	U		NA
Vinyl Chloride	230		290		180		280		290		6	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA	10.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Ethene		NA		NA		NA		NA		NA	10.0	U
Methane		NA		NA		NA		NA		NA	67.0	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dichlorophenol		NA		NA		NA		NA		NA	10	U
2,4-Dimethylphenol		NA		NA		NA		NA		NA	10	U
2,4-Dinitrophenol		NA		NA		NA		NA		NA	25	U
2,4-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA		NA	10	U
2-Chloronaphthalene		NA		NA		NA		NA		NA	10	U
2-Chlorophenol		NA		NA		NA		NA		NA	10	U
2-Methylnaphthalene		NA		NA		NA		NA		NA	10	U
2-Methylphenol		NA		NA		NA		NA		NA	10	U
2-Nitroaniline		NA		NA		NA		NA		NA	25	U
2-Nitrophenol		NA		NA		NA		NA		NA	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA	10	U
3-Nitroaniline		NA		NA		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA	10	U
4-Chloroaniline		NA		NA		NA		NA		NA	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA	10	U
4-Methylphenol		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
4-Nitroaniline		NA		NA		NA		NA		NA	25	U
4-Nitrophenol		NA		NA		NA		NA		NA	25	U
Acenaphthene		NA		NA		NA		NA		NA	10	U
Acenaphthylene		NA		NA		NA		NA		NA	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Anthracene		NA		NA		NA		NA		NA	10	U
Atrazine		NA		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene		NA		NA		NA		NA		NA	10	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA	10	UJ
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA	10	U
Butylbenzylphthalate		NA		NA		NA		NA		NA	10	U
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole		NA		NA		NA		NA		NA	10	U
Chrysene		NA		NA		NA		NA		NA	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	10	U
Dibenzofuran		NA		NA		NA		NA		NA	10	U
Diethylphthalate		NA		NA		NA		NA		NA	10	U
Dimethylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-Butylphthalate		NA		NA		NA		NA		NA	10	U
Di-n-octylphthalate		NA		NA		NA		NA		NA	10	UJ
Fluoranthene		NA		NA		NA		NA		NA	10	U
Fluorene		NA		NA		NA		NA		NA	10	U
Hexachlorobenzene		NA		NA		NA		NA		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA	10	U
Hexachloroethane		NA		NA		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	10	U
Isophorone		NA		NA		NA		NA		NA	10	U
Naphthalene		NA		NA		NA		NA		NA	10	U
Nitrobenzene		NA		NA		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA	10	U
Pentachlorophenol		NA		NA		NA		NA		NA	25	U
Phenanthrene		NA		NA		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Phenol		NA		NA		NA		NA		NA	10	U
Pyrene		NA		NA		NA		NA		NA	10	U
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA	0.10	U
4,4'-DDE		NA		NA		NA		NA		NA	0.10	U
4,4'-DDT		NA		NA		NA		NA		NA	0.10	U
Aldrin		NA		NA		NA		NA		NA	0.050	U
alpha-BHC		NA		NA		NA		NA		NA	0.050	U
alpha-Chlordane		NA		NA		NA		NA		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA	1.0	U
Aroclor-1221		NA		NA		NA		NA		NA	0.25	U
Aroclor-1232		NA		NA		NA		NA		NA	1.0	U
Aroclor-1242		NA		NA		NA		NA		NA	1.0	U
Aroclor-1248		NA		NA		NA		NA		NA	1.0	U
Aroclor-1254		NA		NA		NA		NA		NA	0.25	U
Aroclor-1260		NA		NA		NA		NA		NA	0.25	U
Aroclor-1262		NA		NA		NA		NA		NA	0.28	U
Aroclor-1268		NA		NA		NA		NA		NA	1.0	U
beta-BHC		NA		NA		NA		NA		NA	0.050	U
delta-BHC		NA		NA		NA		NA		NA	0.050	U
Dieldrin		NA		NA		NA		NA		NA	0.050	U
Endosulfan I		NA		NA		NA		NA		NA	0.050	U
Endosulfan II		NA		NA		NA		NA		NA	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA		NA	0.10	U
Endrin		NA		NA		NA		NA		NA	0.050	U
Endrin Aldehyde		NA		NA		NA		NA		NA	0.10	U
Endrin Ketone		NA		NA		NA		NA		NA	0.10	U
gamma-BHC		NA		NA		NA		NA		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
gamma-Chlordane		NA		NA		NA		NA		NA	0.050	U
Heptachlor		NA		NA		NA		NA		NA	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA		NA	0.020	U
Methoxychlor		NA		NA		NA		NA		NA	0.50	U
Toxaphene		NA		NA		NA		NA		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	2.1	UJ
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	1.1	UJ
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	1.6	UJ
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	1.2	UJ
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	1.2	UJ
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	1.2	UJ
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	0.90	UJ
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	1.3	UJ
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	1.2	UJ
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	1.8	UJ
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	0.90	UJ
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	1.0	UJ
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	1.0	UJ
2,3,7,8-TCDD		NA		NA		NA		NA		NA	1.3	UJ
2,3,7,8-TCDF		NA		NA		NA		NA		NA	0.90	UJ
OCDD		NA		NA		NA		NA		NA	10.0	UJ
OCDF		NA		NA		NA		NA		NA	2.1	UJ
Total HpCDD		NA		NA		NA		NA		NA	2.1	UJ
Total HpCDF		NA		NA		NA		NA		NA	1.3	UJ
Total HxCDD		NA		NA		NA		NA		NA	6.4	UEMPC
Total HxCDF		NA		NA		NA		NA		NA	1.2	UJ
Total PeCDD		NA		NA		NA		NA		NA	5.0	UEMPC
Total PeCDF		NA		NA		NA		NA		NA	1.0	UJ
Total TCDD		NA		NA		NA		NA		NA	1.4	UEMPC
Total TCDF		NA		NA		NA		NA		NA	0.90	UJ
Toxicity Equivalency		NA		NA		NA		NA		NA	0.00	UJ
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA	85.4	U
Antimony		NA		NA		NA		NA		NA	2.3	U
Arsenic		NA		NA		NA		NA		NA	4.8	U
Barium		NA		NA		NA		NA		NA	36.6	
Beryllium		NA		NA		NA		NA		NA	0.10	U
Cadmium		NA		NA		NA		NA		NA	0.30	J
Calcium		NA		NA		NA		NA		NA	100000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW214-0012		RM-GW214-0017		RM-GW214-0040		RM-GW214-0022		RM-GW214-0032		OU2-MW-214B-07	
Sample Location	214		214		214		214		214		MW-214B	
Date Sampled	6/5/2002		6/5/2002		6/6/2002		6/6/2002		6/6/2002		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Bedrock	
Chromium		NA		NA		NA		NA		NA	0.77	J
Cobalt		NA		NA		NA		NA		NA	2.6	
Copper		NA		NA		NA		NA		NA	3.7	
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA	78.5	U
Lead		NA		NA		NA		NA		NA	2.2	UJ
Magnesium		NA		NA		NA		NA		NA	53200	
Manganese		NA		NA		NA		NA		NA	1830	
Mercury		NA		NA		NA		NA		NA	0.10	U
Nickel		NA		NA		NA		NA		NA	12.6	
Potassium		NA		NA		NA		NA		NA	7710	
Selenium		NA		NA		NA		NA		NA	4.8	U
Silver		NA		NA		NA		NA		NA	0.60	U
Sodium		NA		NA		NA		NA		NA	195000	
Thallium		NA		NA		NA		NA		NA	4.7	U
Vanadium		NA		NA		NA		NA		NA	0.50	U
Zinc		NA		NA		NA		NA		NA	5.1	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA	136	J
Carbon Dioxide		NA		NA		NA		NA		NA	181	J
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA	327	
Ferrous Iron		NA		NA		NA		NA		NA	0.030	U
Nitrate		NA		NA		NA		NA		NA	1.48	
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA	0.050	UJ
Sulfate		NA		NA		NA		NA		NA	230	
Sulfide		NA		NA		NA		NA		NA	0.50	UJ
Total Organic Carbon		NA		NA		NA		NA		NA	5.57	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	1100		1400		1200	*	1700	*		NA	710
1,1,2,2-Tetrachloroethane	100	U	100	U	10	U	10	U		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA		NA	10
1,1,2-Trichloroethane	100	U	100	U	3	J	3	J		NA	1
1,1-Dichloroethane	330		410		330		290	*		NA	140
1,1-Dichloroethene	710		760		920	*	790	*		NA	430
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA	10
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA		NA	10	U		NA		NA	10
1,2-Dibromoethane		NA		NA	10	U		NA		NA	10
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA	10
1,2-Dichloroethane	100	U	100	U	4	J	3	J		NA	10
1,2-Dichloroethene (total)	360		540			NA	360	*		NA	
1,2-Dichloropropane	100	U	100	U	10	U	10	U		NA	10
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA	10
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA	10
1,4-Dioxane		NA		NA	300	J		NA		NA	91
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	130	J	100	U	10	U	10	U		NA	10
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	100	UJ	100	U	10	U	10	UJ		NA	10
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	100	UJ	100	U	10	U	10	UJ		NA	10
Acetone	150	U	100	UJ	10	UJ	10	U		NA	10
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	100	U	100	U	10	U	10	U		NA	10
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	100	U	100	U	10	U	10	U		NA	10
Bromoform	100	U	100	U	10	U	10	U		NA	10
Bromomethane	100	U	100	U	10	U	10	UJ		NA	10
Carbon Disulfide	100	U	100	U	10	U	10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Carbon Tetrachloride	100	U	100	U	10	U	10	U		NA	10
Chlorobenzene	100	U	100	U	2	J	10	U		NA	10
Chloroethane	100	U	100	U	10	U	4	J		NA	10
Chloroform	100	U	100	U	2	J	10	U		NA	1
Chloromethane	100	U	100	U	10	U	10	U		NA	10
cis-1,2-Dichloroethene		NA		NA	390	*		NA		NA	220
cis-1,3-Dichloropropene	100	U	100	U	10	U	10	U		NA	10
Cyclohexane		NA		NA	10	U		NA		NA	10
Dibromochloromethane	100	U	100	U	10	U	10	U		NA	10
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA		NA	10	U		NA		NA	10
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	100	U	100	U	10	U	10	U		NA	10
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA		NA	10	U		NA		NA	10
m&p-Xylene		NA		NA		NA		NA		NA	
Methyl Acetate		NA		NA	10	U		NA		NA	10
Methyl tert-Butyl Ether		NA		NA	18			NA		NA	1
Methylcyclohexane		NA		NA	10	U		NA		NA	10
Methylene Chloride	100	U	100	U	10	U	10	U		NA	10
Naphthalene		NA		NA		NA		NA		NA	
N-Butylbenzene		NA		NA		NA		NA		NA	
N-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
Sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	100	U	100	U	10	U	10	U		NA	10
Tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	100	U	100	U	7	J	3	J		NA	2
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	100	U	100	U	10	U	10	U		NA	10
Total Xylenes	100	U	100	U	10	U	10	U		NA	10
trans-1,2-Dichloroethene		NA		NA	10	U		NA		NA	10
trans-1,3-Dichloropropene	100	U	100	U	10	U	10	U		NA	10
Trichloroethene	1200		1600		1300	*	670	*		NA	400
Trichlorofluoromethane		NA		NA	10	U		NA		NA	10
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	100	U	100	U	9		10	U		NA	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA	10.0	U		NA		NA	10.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Ethene		NA		NA	10.0	U		NA		NA	10.0
Methane		NA		NA	8.9			NA		NA	5.0
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA		NA	10	U		NA		NA	10
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U	10	U	
1,2-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	
1,3-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	
1,4-Dichlorobenzene	10	U	10	U		NA	10	U	10	U	
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	10	U	10	U	10	UJ	10	U	10	U	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10
Acetophenone		NA		NA	10	U		NA		NA	10
Anthracene	10	U	10	U	10	U	10	U	10	U	10
Atrazine		NA		NA	10	U		NA		NA	10
Benzaldehyde		NA		NA	10	UJ		NA		NA	10
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	U	10	U	10	UJ	10	U	10	U	10
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10
Caprolactam		NA		NA	10	U		NA		NA	10
Carbazole	10	U	10	U	10	U	10	U	10	U	10
Chrysene	10	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-octylphthalate	10	U	10	U	10	UJ	10	U	10	U	10
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Fluorene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10
Isophorone	10	U	10	U	10	U	10	U	10	U	10
Naphthalene	10	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Phenol	10	U	10	U	10	U	10	U	10	U	10
Pyrene	10	U	10	U	10	U	10	U	10	U	10
Total PAH	10	U	10	U		NA	10	U	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA		NA	0.20	U		NA		NA	0.20
Benzo(a)anthracene		NA		NA	0.20	U		NA		NA	0.20
Benzo(a)pyrene		NA		NA	0.20	U		NA		NA	0.20
Benzo(b)fluoranthene		NA		NA	0.20	U		NA		NA	0.20
Benzo(k)fluoranthene		NA		NA	0.20	U		NA		NA	0.20
Chrysene		NA		NA	0.20	U		NA		NA	0.20
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA		NA	0.20
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA		NA	0.20
Phenanthrene		NA		NA	0.20	U		NA		NA	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10
4,4'-DDE	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10
4,4'-DDT		R	0.0044	J	0.10	U		R	0.10	U	0.10
Aldrin	0.050	UJ	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050
alpha-BHC	0.050	UJ	0.015	J	0.050	U	0.050	UJ	0.050	U	0.050
alpha-Chlordane	0.050	UJ	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050
Aroclor, Total	1.1	U	1.1	U		NA	1.1	U	1.1	U	
Aroclor-1016	1.0	UJ	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0
Aroclor-1221	2.0	UJ	2.0	U	0.25	U	2.0	UJ	2.0	U	0.25
Aroclor-1232	1.0	UJ	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0
Aroclor-1242	1.0	UJ	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0
Aroclor-1248	1.0	UJ	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0
Aroclor-1254	1.0	UJ	1.0	U	0.25	U	1.0	UJ	1.0	U	0.25
Aroclor-1260	1.0	UJ	1.0	U	0.25	U	1.0	UJ	1.0	U	0.25
Aroclor-1262	1.0	UJ	1.0	U	0.28	U	1.0	UJ	1.0	U	0.28
Aroclor-1268	1.0	UJ	1.0	U	1.0	U	1.0	UJ	1.0	U	1.0
beta-BHC	0.050	UJ	0.029	J	0.050	U	0.050	UJ	0.0071	J	0.050
delta-BHC		R	0.050	U	0.050	U		R	0.050	U	0.050
Dieldrin	0.10	UJ	0.10	U	0.050	U	0.10	UJ	0.10	U	0.050
Endosulfan I	0.050	UJ	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050
Endosulfan II	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10
Endosulfan Sulfate		R	0.10	U	0.10	U		R	0.0056	J	0.10
Endrin	0.10	UJ	0.10	U	0.050	U	0.10	UJ	0.10	U	0.050
Endrin Aldehyde	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10
Endrin Ketone	0.10	UJ	0.10	U	0.10	U	0.10	UJ	0.10	U	0.10
gamma-BHC	0.050	UJ	0.0028	J	0.050	U	0.050	UJ	0.0022	J	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
gamma-Chlordane	0.050	UJ	0.050	U	0.050	U	0.050	UJ	0.0011	J	0.050
Heptachlor	0.050	UJ	0.050	U	0.020	U	0.050	UJ	0.050	U	0.020
Heptachlor Epoxide		R	0.050	U	0.020	U		R	0.050	U	0.020
Methoxychlor	0.50	UJ	0.50	U	0.50	U	0.50	UJ	0.50	U	0.50
Toxaphene	5.0	UJ	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA		NA	2.7	J		NA		NA	1.1
1,2,3,4,6,7,8-HpCDF		NA		NA	2.9	UJ		NA		NA	0.70
1,2,3,4,7,8,9-HpCDF		NA		NA	3.2	UJ		NA		NA	0.90
1,2,3,4,7,8-HxCDD		NA		NA	3.3	EMPC		NA		NA	0.70
1,2,3,4,7,8-HxCDF		NA		NA	4.1	UJ		NA		NA	0.78
1,2,3,6,7,8-HxCDD		NA		NA	3.1	UEMPC		NA		NA	0.70
1,2,3,6,7,8-HxCDF		NA		NA	4.4	UJ		NA		NA	0.50
1,2,3,7,8,9-HxCDD		NA		NA	3.7	J		NA		NA	0.70
1,2,3,7,8,9-HxCDF		NA		NA	5.5	UJ		NA		NA	0.70
1,2,3,7,8-PeCDD		NA		NA	3.1	EMPC		NA		NA	1.0
1,2,3,7,8-PeCDF		NA		NA	4.4	UEMPC		NA		NA	0.50
2,3,4,6,7,8-HxCDF		NA		NA	3.9	UJ		NA		NA	0.50
2,3,4,7,8-PeCDF		NA		NA	4.2	UJ		NA		NA	0.50
2,3,7,8-TCDD		NA		NA	2.8	UJ		NA		NA	0.70
2,3,7,8-TCDF		NA		NA	0.90	UJ		NA		NA	0.50
OCDD		NA		NA	8.1	UJ		NA		NA	3.2
OCDF		NA		NA	10.9	UJ		NA		NA	1.2
Total HpCDD		NA		NA	2.7	J		NA		NA	1.1
Total HpCDF		NA		NA	6.1	UJ		NA		NA	0.80
Total HxCDD		NA		NA	17.6	UEMPC		NA		NA	6.1
Total HxCDF		NA		NA	17.9	UJ		NA		NA	1.6
Total PeCDD		NA		NA	8.3	UEMPC		NA		NA	5.2
Total PeCDF		NA		NA	8.6	UEMPC		NA		NA	0.50
Total TCDD		NA		NA	4.4	UEMPC		NA		NA	3.7
Total TCDF		NA		NA	0.90	UJ		NA		NA	3.7
Toxicity Equivalency		NA		NA	3.8	J		NA		NA	0.00
TAL Metal Analysis (UG/L)											
Aluminum	17.0	U	38.4		63.4	U	120	U	60.8		74.3
Antimony	3.0	U	3.3	U	2.3	U	4.2	UJ	3.3	U	2.3
Arsenic	3.0	U	3.8	U	4.8	U	3.0	U	3.8	U	4.8
Barium	48.6		44.4		38.0		63.7		47.0		37.0
Beryllium	1.0	U	0.56		0.10	U	1.0	U	0.50	U	0.10
Cadmium	1.0	U	0.80	U	0.30	U	1.0	U	0.97		0.30
Calcium	90400		74500		82500		45800		35400		35100

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-214D-01		OU2-MW-214D-02		OU2-MW-214D-07		OU2-MW-214M-01		OU2-MW-214M-02		OU2-MW-214M-07
Sample Location	MW-214D		MW-214D		MW-214D		MW-214M		MW-214M		MW-214M
Date Sampled	11/13/1997		11/19/1998		1/7/2003		11/13/1997		11/19/1998		1/7/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Chromium	1.0	U	1.1	U	0.60	U	1.0	U	2.1		0.60
Cobalt	7.6		5.8		3.4		5.7		3.1		1.3
Copper	2.0	UJ	6.6		0.60	U	2.0	UJ	8.0		0.64
Cyanide		NA		NA		NA		NA		NA	
Iron	473		871		18.7	U	285		199		18.7
Lead		R	2.9	U	2.2	UJ		R	2.9	U	2.2
Magnesium	53400		46300		54200		22000		18100		18100
Manganese	5340		839		249		1650		43.6		2.4
Mercury	0.10	U	0.10	U	0.10	U	0.19	J	0.10	U	0.10
Nickel	12.8		11.2		9.7		8.0		8.0		3.8
Potassium	7610		6650		6540		7030		4790		4100
Selenium	3.0	U	3.4	U	4.8	U	3.0	U	3.4	U	4.8
Silver	1.0	UJ	1.0	U	0.60	U	1.0	UJ	1.0	U	0.60
Sodium	121000		112000		157000		95400		93100		88600
Thallium		R	3.3	U	4.7	U		R	3.3	U	4.7
Vanadium	1.0	U	1.4	U	0.50	U	1.0	U	1.4	U	0.50
Zinc	14.4	U	137		2.1	J	19.8	U	19.4		1.4
Wet Chemistry Analysis											
Alkalinity	146	J	130		144	J	129	J	101		94.0
Carbon Dioxide		NA		NA	178	J		NA		NA	116
Carbon Dioxide, Free		NA		NA		NA		NA		NA	
Chloride	223		205		248		126		108		121
Ferrous Iron		NA		NA	0.030	U		NA		NA	0.030
Nitrate		NA		NA	1.68	J		NA		NA	2.08
Nitrate-Nitrite (as N)	1.33		2.0			NA	1.76		2.4		
Nitrite-N		NA		NA	0.050	UJ		NA		NA	0.050
Sulfate	248		269		217		111		113		81.2
Sulfide		NA		NA	0.50	UJ		NA		NA	0.50
Total Organic Carbon		NA		NA	6.3			NA		NA	4.68

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA	20	U
1,1,1-Trichloroethane	*	400	*	250			NA	86		1700	
1,1,2,2-Tetrachloroethane	U	20	U	20	U		NA	10	U	20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA		NA		NA	10	U	20	U
1,1,2-Trichloroethane	J	20	U	20	U		NA	10	U	20	U
1,1-Dichloroethane		49		27			NA	13		1300	
1,1-Dichloroethene	*	170		70			NA	47		200	
1,1-Dichloropropene	NA		NA		NA		NA		NA	20	U
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA	20	U
1,2,3-Trichloropropane	NA		NA		NA		NA		NA	20	U
1,2,4-Trichlorobenzene	U		NA		NA		NA	10	UJ	20	U
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA	20	U
1,2-Dibromo-3-chloropropane	U		NA		NA		NA	10	U	20	U
1,2-Dibromoethane	U		NA		NA		NA	10	U	20	U
1,2-Dichlorobenzene	U		NA		NA		NA	10	U	20	U
1,2-Dichloroethane	U	20	U	20	U		NA	10	U	20	U
1,2-Dichloroethene (total)	NA	76		45			NA		NA		NA
1,2-Dichloropropane	U	20	U	20	U		NA	10	U	20	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA	20	U
1,3-Dichlorobenzene	U		NA		NA		NA	10	U	20	U
1,3-Dichloropropane	NA		NA		NA		NA		NA	20	U
1,4-Dichlorobenzene	U		NA		NA		NA	10	U	20	U
1,4-Dioxane	J		NA		NA		NA	100	UJ		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA	20	U
2-Butanone	U	51	J	20	U		NA	10	U	80	U
2-Chlorotoluene	NA		NA		NA		NA		NA	20	U
2-Hexanone	U	20	UJ	20	U		NA	10	U	12	U
4-Chlorotoluene	NA		NA		NA		NA		NA	20	U
4-Methyl-2-Pentanone	U	20	UJ	20	U		NA	10	U	10	U
Acetone	UJ	29	U	20	UJ		NA	10	UJ	40	U
Acrolein	NA		NA		NA		NA		NA	200	U
Acrylonitrile	NA		NA		NA		NA		NA	100	U
Benzene	U	20	U	20	U		NA	10	U	30	
Bromobenzene	NA		NA		NA		NA		NA	20	U
Bromochloromethane	NA		NA		NA		NA		NA	20	U
Bromodichloromethane	U	20	U	20	U		NA	10	U	20	U
Bromoform	U	20	U	20	U		NA	10	U	20	U
Bromomethane	U	20	U	20	U		NA	10	U	20	U
Carbon Disulfide	U	20	U	20	U		NA	10	U	60	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	U	20	U	20	U		NA	10	U	20	U
Chlorobenzene	U	20	U	20	U		NA	10	U	20	U
Chloroethane	U	20	U	20	U		NA	10	U	29	
Chloroform	J	20	U	20	U		NA	10	U	20	U
Chloromethane	U	20	U	20	U		NA	10	U	20	U
cis-1,2-Dichloroethene			NA		NA		NA	21		770	
cis-1,3-Dichloropropene	U	20	U	20	U		NA	10	U	20	U
Cyclohexane	U		NA		NA		NA	10	U		NA
Dibromochloromethane	U	20	U	20	U		NA	10	U	20	U
Dibromomethane	NA		NA		NA		NA		NA	20	U
Dichlorodifluoromethane	U		NA		NA		NA	10	U	20	U
Ethyl Ether	NA		NA		NA		NA		NA	60	U
Ethylbenzene	U	20	U	20	U		NA	10	U	20	U
Hexachlorobutadiene	NA		NA		NA		NA		NA	20	U
Isopropylbenzene	U		NA		NA		NA	10	U	20	U
m&p-Xylene	NA		NA		NA		NA		NA	40	U
Methyl Acetate	U		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether	J		NA		NA		NA	10	U	20	U
Methylcyclohexane	U		NA		NA		NA	10	U		NA
Methylene Chloride	U	20	U	20	U		NA	10	UJ	20	U
Naphthalene	NA		NA		NA		NA		NA	20	U
N-Butylbenzene	NA		NA		NA		NA		NA	20	U
N-Propylbenzene	NA		NA		NA		NA		NA	20	U
o-Xylene	NA		NA		NA		NA		NA	20	U
p-Isopropyltoluene	NA		NA		NA		NA		NA	20	U
Sec-Butylbenzene	NA		NA		NA		NA		NA	20	U
Styrene	U	20	U	20	U		NA	10	U	20	U
Tert-Butylbenzene	NA		NA		NA		NA		NA	20	U
Tetrachloroethene	J	20	U	20	U		NA	10	U	20	U
Tetrahydrofuran	NA		NA		NA		NA		NA	140	U
Toluene	U	20	U	20	U		NA	10	U	20	U
Total Xylenes	U	20	U	20	U		NA	10	U		NA
trans-1,2-Dichloroethene	U		NA		NA		NA	10	U	20	U
trans-1,3-Dichloropropene	U	20	U	20	U		NA	10	U	20	U
Trichloroethene		100		66			NA	44		20	U
Trichlorofluoromethane	U		NA		NA		NA	10	U	20	U
Vinyl Acetate	NA		NA		NA		NA		NA	120	U
Vinyl Chloride	U	20	U	20	U		NA	1	U	1000	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	U		NA		NA		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene	U		NA		NA		NA	10.0	U		NA
Methane	U		NA		NA		NA	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA	4.5			NA		NA
1,1-Dichloroethene	NA		NA		NA	1.8			NA		NA
Benzene	NA		NA		NA	0.5	U		NA		NA
Chlorobenzene	NA		NA		NA	5	U		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA	1.6			NA		NA
Tetrachloroethene	NA		NA		NA	0.5	U		NA		NA
Toluene	NA		NA		NA	1	U		NA		NA
Trichloroethene	NA		NA		NA	2.5			NA		NA
Vinyl Chloride	NA		NA		NA	0.1	U		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene	NA	10	U	10	U		NA		NA		NA
1,2-Dichlorobenzene	NA	10	U	10	U		NA		NA		NA
1,3-Dichlorobenzene	NA	10	U	10	U		NA		NA		NA
1,4-Dichlorobenzene	NA	10	U	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U		NA	10	U		NA
2,4,5-Trichlorophenol	U	25	U	25	U		NA	25	U		NA
2,4,6-Trichlorophenol	U	10	U	10	U		NA	10	U		NA
2,4-Dichlorophenol	U	10	U	10	U		NA	10	U		NA
2,4-Dimethylphenol	U	10	U	10	U		NA	10	U		NA
2,4-Dinitrophenol	U	25	U	25	U		NA	25	U		NA
2,4-Dinitrotoluene	U	10	U	10	U		NA	10	U		NA
2,6-Dinitrotoluene	U	10	U	10	U		NA	10	U		NA
2-Chloronaphthalene	U	10	U	10	U		NA	10	U		NA
2-Chlorophenol	U	10	U	10	U		NA	10	U		NA
2-Methylnaphthalene	U	10	U	10	U		NA	10	U		NA
2-Methylphenol	U	10	U	10	U		NA	10	U		NA
2-Nitroaniline	U	25	U	25	U		NA	25	U		NA
2-Nitrophenol	U	10	U	10	U		NA	10	U		NA
3,3'-Dichlorobenzidine	U	10	U	10	U		NA	10	U		NA
3-Nitroaniline	U	25	U	25	U		NA	25	U		NA
4,6-Dinitro-2-methylphenol	U	25	U	25	U		NA	25	U		NA
4-Bromophenyl-phenylether	U	10	U	10	U		NA	10	U		NA
4-Chloro-3-methylphenol	U	10	U	10	U		NA	10	U		NA
4-Chloroaniline	UJ	10	U	10	U		NA	10	UJ		NA
4-Chlorophenyl-phenylether	U	10	U	10	U		NA	10	U		NA
4-Methylphenol	U	10	U	10	U		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	U	25	U	25	U		NA	25	U		NA
4-Nitrophenol	U	25	U	25	U		NA	25	U		NA
Acenaphthene	U	10	U	10	U		NA	10	U		NA
Acenaphthylene	U	10	U	10	U		NA	10	U		NA
Acetophenone	U		NA		NA		NA	10	U		NA
Anthracene	U	10	U	10	U		NA	10	U		NA
Atrazine	U		NA		NA		NA	10	U		NA
Benzaldehyde	UJ		NA		NA		NA	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U		NA	10	U		NA
Benzo(a)pyrene	U	10	U	10	U		NA	10	U		NA
Benzo(b)fluoranthene	U	10	U	10	U		NA	10	U		NA
Benzo(g,h,i)perylene	UJ	10	U	10	U		NA	10	UJ		NA
Benzo(k)fluoranthene	U	10	U	10	U		NA	10	U		NA
Bis(2-Chloroethoxy)methane	U	10	U	10	U		NA	10	U		NA
Bis(2-Chloroethyl)ether	U	10	U	10	U		NA	10	U		NA
bis(2-Ethylhexyl)phthalate	U	10	U	10	U		NA	10	U		NA
Butylbenzylphthalate	U	10	U	10	U		NA	10	U		NA
Caprolactam	U		NA		NA		NA	10	U		NA
Carbazole	U	10	U	10	U		NA	10	U		NA
Chrysene	U	10	U	10	U		NA	10	U		NA
Dibenzo(a,h)anthracene	U	10	U	10	U		NA	10	U		NA
Dibenzofuran	U	10	U	10	U		NA	10	U		NA
Diethylphthalate	U	10	U	10	U		NA	10	U		NA
Dimethylphthalate	U	10	U	10	U		NA	10	U		NA
Di-n-Butylphthalate	U	10	U	10	U		NA	10	U		NA
Di-n-octylphthalate	UJ	10	U	10	U		NA	10	UJ		NA
Fluoranthene	U	10	U	10	U		NA	10	U		NA
Fluorene	U	10	U	10	U		NA	10	U		NA
Hexachlorobenzene	U	10	U	10	U		NA	10	U		NA
Hexachlorobutadiene	U	10	U	10	U		NA	10	U		NA
Hexachlorocyclopentadiene	U	10	U	10	U		NA	10	U		NA
Hexachloroethane	U	10	U	10	U		NA	10	U		NA
Indeno(1,2,3-cd)pyrene	U	10	U	10	U		NA	10	U		NA
Isophorone	U	10	U	10	U		NA	10	U		NA
Naphthalene	U	10	U	10	U		NA	10	U		NA
Nitrobenzene	U	10	U	10	U		NA	10	U		NA
N-Nitroso-di-n-propylamine	U	10	U	10	U		NA	10	U		NA
N-Nitroso-diphenylamine	U	10	U	10	U		NA	10	U		NA
Pentachlorophenol	U	25	U	25	U		NA	25	U		NA
Phenanthrene	U	10	U	10	U		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	U	10	U	10	U		NA	10	U		NA
Pyrene	U	10	U	10	U		NA	10	U		NA
Total PAH	NA	10	U	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene	U		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene	U		NA		NA		NA	0.20	U		NA
Benzo(b)fluoranthene	U		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene	U		NA		NA		NA	0.20	U		NA
Chrysene	U		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene	U		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	U		NA		NA		NA	0.20	U		NA
Phenanthrene	U		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	UJ	0.10	U		NA	0.10	U		NA
4,4'-DDE	U	0.10	UJ	0.0020	J		NA	0.10	U		NA
4,4'-DDT	U		R	0.10	U		NA	0.10	U		NA
Aldrin	U	0.050	UJ	0.050	U		NA	0.050	U		NA
alpha-BHC	U	0.050	UJ	0.050	U		NA	0.050	U		NA
alpha-Chlordane	U	0.050	UJ	0.050	U		NA	0.050	U		NA
Aroclor, Total	NA	1.1	U	1.1	U		NA		NA		NA
Aroclor-1016	U	1.0	UJ	1.0	U		NA	1.0	U		NA
Aroclor-1221	U	2.0	UJ	2.0	U		NA	0.25	U		NA
Aroclor-1232	U	1.0	UJ	1.0	U		NA	1.0	U		NA
Aroclor-1242	U	1.0	UJ	1.0	U		NA	1.0	U		NA
Aroclor-1248	U	1.0	UJ	1.0	U		NA	1.0	U		NA
Aroclor-1254	U	1.0	UJ	1.0	U		NA	0.25	U		NA
Aroclor-1260	U	1.0	UJ	1.0	U		NA	0.25	U		NA
Aroclor-1262	U	1.0	UJ	1.0	U		NA	0.28	U		NA
Aroclor-1268	U	1.0	UJ	1.0	U		NA	1.0	U		NA
beta-BHC	U	0.050	UJ	0.0059	J		NA	0.050	U		NA
delta-BHC	U		R	0.050	U		NA	0.050	U		NA
Dieldrin	U	0.10	UJ	0.10	U		NA	0.050	U		NA
Endosulfan I	U	0.050	UJ	0.050	U		NA	0.050	U		NA
Endosulfan II	U	0.10	UJ	0.10	U		NA	0.10	U		NA
Endosulfan Sulfate	U		R	0.10	U		NA	0.10	U		NA
Endrin	U	0.10	UJ	0.10	U		NA	0.050	U		NA
Endrin Aldehyde	U	0.10	UJ	0.10	U		NA	0.10	U		NA
Endrin Ketone	U	0.10	UJ	0.10	U		NA	0.10	U		NA
gamma-BHC	U	0.050	UJ	0.0034	J		NA	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	U	0.050	UJ	0.050	U		NA	0.050	U		NA
Heptachlor	U	0.050	UJ	0.050	U		NA	0.020	U		NA
Heptachlor Epoxide	U		R	0.050	U		NA	0.020	U		NA
Methoxychlor	U	0.50	UJ	0.50	U		NA	0.50	U		NA
Toxaphene	U	5.0	UJ	5.0	U		NA	5.0	U		NA
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	UJ		NA		NA		NA	1.5	UJ		NA
1,2,3,4,6,7,8-HpCDF	UJ		NA		NA		NA	0.90	UJ		NA
1,2,3,4,7,8,9-HpCDF	UJ		NA		NA		NA	1.2	UJ		NA
1,2,3,4,7,8-HxCDD	UJ		NA		NA		NA	1.0	UJ		NA
1,2,3,4,7,8-HxCDF	UJ		NA		NA		NA	2.0	UJ		NA
1,2,3,6,7,8-HxCDD	UJ		NA		NA		NA	1.0	UJ		NA
1,2,3,6,7,8-HxCDF	UJ		NA		NA		NA	1.4	UJ		NA
1,2,3,7,8,9-HxCDD	UJ		NA		NA		NA	1.5	J		NA
1,2,3,7,8,9-HxCDF	UJ		NA		NA		NA	2.1	UJ		NA
1,2,3,7,8-PeCDD	UJ		NA		NA		NA	2.1	EMPC		NA
1,2,3,7,8-PeCDF	UJ		NA		NA		NA	2.5	UJ		NA
2,3,4,6,7,8-HxCDF	UJ		NA		NA		NA	1.3	UJ		NA
2,3,4,7,8-PeCDF	UJ		NA		NA		NA	1.6	UEMPC		NA
2,3,7,8-TCDD	UJ		NA		NA		NA	1.3	UJ		NA
2,3,7,8-TCDF	UJ		NA		NA		NA	0.70	UJ		NA
OCDD	UJ		NA		NA		NA	9.5	UJ		NA
OCDF	UJ		NA		NA		NA	2.9	UJ		NA
Total HpCDD	UJ		NA		NA		NA	1.5	UJ		NA
Total HpCDF	UJ		NA		NA		NA	1.0	UJ		NA
Total HxCDD	UEMPC		NA		NA		NA	7.2	UEMPC		NA
Total HxCDF	UEMPC		NA		NA		NA	6.8	UJ		NA
Total PeCDD	UEMPC		NA		NA		NA	6.8	UEMPC		NA
Total PeCDF	UJ		NA		NA		NA	4.2	UEMPC		NA
Total TCDD	UEMPC		NA		NA		NA	2.3	UEMPC		NA
Total TCDF	UJ		NA		NA		NA	0.70	UJ		NA
Toxicity Equivalency	UJ		NA		NA		NA	2.2	J		NA
TAL Metal Analysis (UG/L)											
Aluminum	U	17.0	U	64.8			NA	55.0	U		NA
Antimony	U	3.0	U	3.3	U		NA	2.3	U		NA
Arsenic	U	3.0	U	3.8	U		NA	4.8	U		NA
Barium		116		73.1			NA	121			NA
Beryllium	U	1.0	U	0.50	U		NA	0.10	U		NA
Cadmium	U	1.6	J	0.80	U		NA	0.30	U		NA
Calcium		19900		16600			NA	16500			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-214S-01		OU2-MW-214S-02		OU2-GW-214S-07		OU2-MW-214S-07		RM-GW215-0041	
Sample Location		MW-214S		MW-214S		MW-214S		MW-214S		215	
Date Sampled		11/13/1997		11/19/1998		1/7/2003		1/7/2003		6/6/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	U	1.0	U	1.6			NA	0.60	U		NA
Cobalt	J	13.6		7.4			NA	1.0	U		NA
Copper	J	2.0	UJ	6.0			NA	0.60	U		NA
Cyanide	NA		NA		NA		NA		NA		NA
Iron	U	27500		7790			NA	18.7	U		NA
Lead	UJ		R	2.9	U		NA	2.2	UJ		NA
Magnesium		7540		4700			NA	5120			NA
Manganese	U	10300		3370			NA	21.2	U		NA
Mercury	U	0.10	U	0.10	U		NA	0.10	U		NA
Nickel		5.8		5.7			NA	2.4			NA
Potassium		9190		5290			NA	4110			NA
Selenium	U	5.6	J	3.4	U		NA	4.8	U		NA
Silver	U	1.0	UJ	2.1			NA	0.60	U		NA
Sodium		101000		65300			NA	64800			NA
Thallium	U		R	3.3	U		NA	4.7	U		NA
Vanadium	U	1.0	U	1.4	U		NA	0.50	U		NA
Zinc	U	27.0		74.4			NA	2.7	J		NA
Wet Chemistry Analysis											
Alkalinity	J	162	J	103			NA	26.0	J		NA
Carbon Dioxide	J		NA		NA		NA	48.9	J		NA
Carbon Dioxide, Free	NA		NA		NA		NA		NA		NA
Chloride		101		52.7			NA	91.6			NA
Ferrous Iron	U		NA		NA		NA	0.030	U		NA
Nitrate	J		NA		NA		NA	5.65	J		NA
Nitrate-Nitrite (as N)	NA	1.26		1.9			NA		NA		NA
Nitrite-N	UJ		NA		NA		NA	0.050	UJ		NA
Sulfate		64.1		53.7			NA	16.3			NA
Sulfide	UJ		NA		NA		NA	0.50	UJ		NA
Total Organic Carbon			NA		NA		NA	2.48			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	20	U	100	U	20	U	20	U		NA		NA
1,1,1-Trichloroethane	550		1800		830		1400		430		4	J
1,1,2,2-Tetrachloroethane	20	U	100	U	20	U	20	U	25	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	100	U	20	U	20	U		NA	10	U
1,1,2-Trichloroethane	20	U	100	U	20	U	20	U	25	U	10	U
1,1-Dichloroethane	720		780		1700		1600		40		1	J
1,1-Dichloroethene	160		360		170		310		150		2	
1,1-Dichloropropene	20	U	100	U	20	U	20	U		NA		NA
1,2,3-Trichlorobenzene	20	U	100	U	20	U	20	U		NA		NA
1,2,3-Trichloropropane	20	U	100	U	20	U	20	U		NA		NA
1,2,4-Trichlorobenzene	20	U	100	U	20	U	20	U		NA	10	U
1,2,4-Trimethylbenzene	20	U	100	U	20	U	20	U		NA		NA
1,2-Dibromo-3-chloropropane	20	U	100	U	20	U	20	U		NA	10	U
1,2-Dibromoethane	20	U	100	U	20	U	20	U		NA	10	U
1,2-Dichlorobenzene	20	U	100	U	20	U	20	U		NA	10	U
1,2-Dichloroethane	20	U	100	U	20	U	20	U	25	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA	70			NA
1,2-Dichloropropane	20	U	100	U	20	U	20	U	25	U	10	U
1,3,5-Trimethylbenzene	20	U	100	U	20	U	20	U		NA		NA
1,3-Dichlorobenzene	20	U	100	U	20	U	20	U		NA	10	U
1,3-Dichloropropane	20	U	100	U	20	U	20	U		NA		NA
1,4-Dichlorobenzene	20	U	100	U	20	U	20	U		NA	10	U
1,4-Dioxane		NA		NA		NA		NA		NA	100	UJ
2,2-Dichloropropane	20	U	100	U	20	U	20	U		NA		NA
2-Butanone	80	U	400	U	80	U	80	U	25	U	10	U
2-Chlorotoluene	20	U	100	U	20	U	20	U		NA		NA
2-Hexanone	12	U	60	U	12	U	12	U	25	U	10	U
4-Chlorotoluene	20	U	100	U	20	U	20	U		NA		NA
4-Methyl-2-Pentanone	10	U	50	U	10	U	10	U	25	U	10	U
Acetone	40	U	200	U	40	U	40	U	25	UJ	10	U
Acrolein	200	U	1000	U	200	U	200	U		NA		NA
Acrylonitrile	100	U	500	U	100	U	100	U		NA		NA
Benzene	42		43	L	170		110		25	U	10	U
Bromobenzene	20	U	100	U	20	U	20	U		NA		NA
Bromochloromethane	20	U	100	U	20	U	20	U		NA		NA
Bromodichloromethane	20	U	100	U	20	U	20	U	25	U	10	U
Bromoform	20	U	100	U	20	U	20	U	25	U	10	U
Bromomethane	20	U	100	U	20	U	20	U	25	U	10	U
Carbon Disulfide	60	U	300	U	60	U	60	U	25	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Carbon Tetrachloride	20	U	100	U	20	U	20	U	25	U	10	U
Chlorobenzene	20	U	100	U	20	U	20	U	25	U	10	U
Chloroethane	44		100	U	77		55		25	U	10	U
Chloroform	20	U	100	U	20	U	20	U	25	U	10	U
Chloromethane	20	U	100	U	20	U	20	U	25	U	10	U
cis-1,2-Dichloroethene	630		930		500		810			NA	1	J
cis-1,3-Dichloropropene	20	U	100	U	20	U	20	U	25	U	10	U
Cyclohexane		NA		NA		NA		NA		NA	10	U
Dibromochloromethane	20	U	100	U	20	U	20	U	25	U	10	U
Dibromomethane	20	U	100	U	20	U	20	U		NA		NA
Dichlorodifluoromethane	20	U	100	U	20	U	20	U		NA	10	UJ
Ethyl Ether	60	U	300	U	60	U	60	U		NA		NA
Ethylbenzene	20	U	100	U	20	U	20	U	25	U	10	U
Hexachlorobutadiene	20	U	100	U	20	U	20	U		NA		NA
Isopropylbenzene	20	U	100	U	20	U	20	U		NA	10	U
m&p-Xylene	40	U	200	U	40	U	40	U		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA	10	U
Methyl tert-Butyl Ether	20	U	100	U	20	U	20	U		NA	10	U
Methylcyclohexane		NA		NA		NA		NA		NA	10	U
Methylene Chloride	20	U	100	U	20	U	20	U	25	U	10	UJ
Naphthalene	20	U	100	U	20	U	20	U		NA		NA
N-Butylbenzene	20	U	100	U	20	U	20	U		NA		NA
N-Propylbenzene	20	U	100	U	20	U	20	U		NA		NA
o-Xylene	20	U	100	U	20	U	20	U		NA		NA
p-Isopropyltoluene	20	U	100	U	20	U	20	U		NA		NA
Sec-Butylbenzene	20	U	100	U	20	U	20	U		NA		NA
Styrene	20	U	100	U	20	U	20	U	25	U	10	U
Tert-Butylbenzene	20	U	100	U	20	U	20	U		NA		NA
Tetrachloroethene	20	U	100	U	20	U	20	U	25	U	10	U
Tetrahydrofuran	140	U	700	U	140	U	140	U		NA		NA
Toluene	20	U	100	U	20	U	20	U	25	U	10	U
Total Xylenes		NA		NA		NA		NA	25	U	10	U
trans-1,2-Dichloroethene	20	U	100	U	20	U	20	U		NA	10	U
trans-1,3-Dichloropropene	20	U	100	U	20	U	20	U	25	U	10	U
Trichloroethene	20	U	38	L	20	U	18	L	130		5	J
Trichlorofluoromethane	20	U	100	U	20	U	20	U		NA	10	UJ
Vinyl Acetate	120	U	600	U	120	U	120	U		NA		NA
Vinyl Chloride	420		290		1100		920		25	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA	10.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Ethene		NA		NA		NA		NA		NA	10.0	U
Methane		NA		NA		NA		NA		NA	5.0	U
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA	10	U		NA
1,2-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,3-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
1,4-Dichlorobenzene		NA		NA		NA		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA	10	U	10	U
2,4,5-Trichlorophenol		NA		NA		NA		NA	25	U	25	U
2,4,6-Trichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dichlorophenol		NA		NA		NA		NA	10	U	10	U
2,4-Dimethylphenol		NA		NA		NA		NA	10	U	10	U
2,4-Dinitrophenol		NA		NA		NA		NA	25	U	25	UJ
2,4-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2,6-Dinitrotoluene		NA		NA		NA		NA	10	U	10	U
2-Chloronaphthalene		NA		NA		NA		NA	10	U	10	U
2-Chlorophenol		NA		NA		NA		NA	10	U	10	U
2-Methylnaphthalene		NA		NA		NA		NA	10	U	10	U
2-Methylphenol		NA		NA		NA		NA	10	U	10	U
2-Nitroaniline		NA		NA		NA		NA	25	U	25	U
2-Nitrophenol		NA		NA		NA		NA	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA		NA		NA	10	U	10	U
3-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA	25	U	25	U
4-Bromophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Chloro-3-methylphenol		NA		NA		NA		NA	10	U	10	U
4-Chloroaniline		NA		NA		NA		NA	10	U	10	UJ
4-Chlorophenyl-phenylether		NA		NA		NA		NA	10	U	10	U
4-Methylphenol		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
4-Nitroaniline		NA		NA		NA		NA	25	U	25	U
4-Nitrophenol		NA		NA		NA		NA	25	U	25	U
Acenaphthene		NA		NA		NA		NA	10	U	10	U
Acenaphthylene		NA		NA		NA		NA	10	U	10	U
Acetophenone		NA		NA		NA		NA		NA	10	U
Anthracene		NA		NA		NA		NA	10	U	10	U
Atrazine		NA		NA		NA		NA		NA	10	U
Benzaldehyde		NA		NA		NA		NA		NA	10	UJ
Benzo(a)anthracene		NA		NA		NA		NA	10	U	10	U
Benzo(a)pyrene		NA		NA		NA		NA	10	U	10	U
Benzo(b)fluoranthene		NA		NA		NA		NA	10	U	10	U
Benzo(g,h,i)perylene		NA		NA		NA		NA	10	U	10	UJ
Benzo(k)fluoranthene		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA		NA		NA	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA	10	U	10	U
Butylbenzylphthalate		NA		NA		NA		NA	10	U	10	U
Caprolactam		NA		NA		NA		NA		NA	10	U
Carbazole		NA		NA		NA		NA	10	U	10	U
Chrysene		NA		NA		NA		NA	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA	10	U	10	U
Dibenzofuran		NA		NA		NA		NA	10	U	10	U
Diethylphthalate		NA		NA		NA		NA	10	U	10	U
Dimethylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-Butylphthalate		NA		NA		NA		NA	10	U	10	U
Di-n-octylphthalate		NA		NA		NA		NA	10	U	10	U
Fluoranthene		NA		NA		NA		NA	10	U	10	U
Fluorene		NA		NA		NA		NA	10	U	10	U
Hexachlorobenzene		NA		NA		NA		NA	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA	10	U	10	U
Hexachlorocyclopentadiene		NA		NA		NA		NA	10	UJ	10	U
Hexachloroethane		NA		NA		NA		NA	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA	10	U	10	UJ
Isophorone		NA		NA		NA		NA	10	U	10	U
Naphthalene		NA		NA		NA		NA	10	U	10	U
Nitrobenzene		NA		NA		NA		NA	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA		NA		NA	10	U	10	U
N-Nitroso-diphenylamine		NA		NA		NA		NA	10	U	10	U
Pentachlorophenol		NA		NA		NA		NA	25	UJ	25	U
Phenanthrene		NA		NA		NA		NA	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Phenol		NA		NA		NA		NA	10	U	10	U
Pyrene		NA		NA		NA		NA	10	U	10	U
Total PAH		NA		NA		NA		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)anthracene		NA		NA		NA		NA		NA	0.20	U
Benzo(a)pyrene		NA		NA		NA		NA		NA	0.20	U
Benzo(b)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Benzo(k)fluoranthene		NA		NA		NA		NA		NA	0.20	U
Chrysene		NA		NA		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA	0.20	U
Phenanthrene		NA		NA		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDE		NA		NA		NA		NA	0.10	U	0.10	U
4,4'-DDT		NA		NA		NA		NA	0.10	U	0.10	U
Aldrin		NA		NA		NA		NA	0.050	U	0.050	U
alpha-BHC		NA		NA		NA		NA	0.050	U	0.050	U
alpha-Chlordane		NA		NA		NA		NA	0.050	U	0.10	
Aroclor, Total		NA		NA		NA		NA	1.1	U		NA
Aroclor-1016		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1221		NA		NA		NA		NA	2.0	U	0.25	U
Aroclor-1232		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1242		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1248		NA		NA		NA		NA	1.0	U	1.0	U
Aroclor-1254		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1260		NA		NA		NA		NA	1.0	U	0.25	U
Aroclor-1262		NA		NA		NA		NA	1.0	U	0.28	U
Aroclor-1268		NA		NA		NA		NA	1.0	U	1.0	U
beta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
delta-BHC		NA		NA		NA		NA	0.050	U	0.050	U
Dieldrin		NA		NA		NA		NA	0.10	U	0.42	
Endosulfan I		NA		NA		NA		NA	0.050	U	0.055	
Endosulfan II		NA		NA		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA		NA		NA	0.10	U	0.10	U
Endrin		NA		NA		NA		NA	0.10	U	0.050	U
Endrin Aldehyde		NA		NA		NA		NA	0.10	U	0.10	U
Endrin Ketone		NA		NA		NA		NA	0.10	U	0.10	U
gamma-BHC		NA		NA		NA		NA	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
gamma-Chlordane		NA		NA		NA		NA	0.050	U	0.050	U
Heptachlor		NA		NA		NA		NA	0.050	U	0.020	U
Heptachlor Epoxide		NA		NA		NA		NA	0.050	U	0.18	
Methoxychlor		NA		NA		NA		NA	0.50	U	0.50	U
Toxaphene		NA		NA		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA	3.6	U
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA	2.1	U
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA	2.7	U
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA	2.2	U
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA	2.9	UEMPC
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA	2.1	U
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA	3.2	J
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA	2.1	U
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA	5.4	J
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA	4.5	J
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA	4.7	EMPC
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA	2.9	EMPC
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA	4.3	EMPC
2,3,7,8-TCDD		NA		NA		NA		NA		NA	1.9	U
2,3,7,8-TCDF		NA		NA		NA		NA		NA	1.3	U
OCDD		NA		NA		NA		NA		NA	4.9	U
OCDF		NA		NA		NA		NA		NA	3.5	U
Total HpCDD		NA		NA		NA		NA		NA	3.6	UJ
Total HpCDF		NA		NA		NA		NA		NA	2.4	UJ
Total HxCDD		NA		NA		NA		NA		NA	2.1	UJ
Total HxCDF		NA		NA		NA		NA		NA	14.4	EMPC
Total PeCDD		NA		NA		NA		NA		NA	4.5	J
Total PeCDF		NA		NA		NA		NA		NA	9.0	EMPC
Total TCDD		NA		NA		NA		NA		NA	1.9	UJ
Total TCDF		NA		NA		NA		NA		NA	15.4	EMPC
Toxicity Equivalency		NA		NA		NA		NA		NA	8.0	J
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA	64.3	UJ	12.5	U
Antimony		NA		NA		NA		NA	4.0	U	3.5	U
Arsenic		NA		NA		NA		NA	6.0	U	2.3	U
Barium		NA		NA		NA		NA	17.4		8.9	U
Beryllium		NA		NA		NA		NA	1.0	U	1.1	U
Cadmium		NA		NA		NA		NA	1.0	U	0.50	U
Calcium		NA		NA		NA		NA	28000		16200	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	RM-GW215-0031		RM-GW215-0021		RM-GW215-0016		RM-GW215-0011		OU2-MW-215B-01		OU2-MW-215B-07	
Sample Location	215		215		215		215		MW-215B		MW-215B	
Date Sampled	6/6/2002		6/6/2002		6/6/2002		6/6/2002		11/19/1997		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Bedrock		Bedrock	
Chromium		NA		NA		NA		NA	1.3		0.50	U
Cobalt		NA		NA		NA		NA	6.4		3.7	U
Copper		NA		NA		NA		NA	33.0	U	0.80	UJ
Cyanide		NA		NA		NA		NA		NA	3.4	UJ
Iron		NA		NA		NA		NA	241	U	19.5	U
Lead		NA		NA		NA		NA	3.0	UJ	1.5	U
Magnesium		NA		NA		NA		NA	9570		4870	J
Manganese		NA		NA		NA		NA	248		11.4	J
Mercury		NA		NA		NA		NA	0.20	UJ	0.10	U
Nickel		NA		NA		NA		NA	3.7	UJ	5.4	
Potassium		NA		NA		NA		NA	4050		2730	J
Selenium		NA		NA		NA		NA	3.0	U	2.2	UJ
Silver		NA		NA		NA		NA	1.0	U	0.80	UJ
Sodium		NA		NA		NA		NA	33900		10600	
Thallium		NA		NA		NA		NA	6.0	U	4.0	U
Vanadium		NA		NA		NA		NA	1.0	U	0.80	U
Zinc		NA		NA		NA		NA	35.6	UJ	19.8	UJ
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA	38.2		16.0	J
Carbon Dioxide		NA		NA		NA		NA		NA	31.7	J
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA	55.5		18.1	J
Ferrous Iron		NA		NA		NA		NA		NA	0.030	UJ
Nitrate		NA		NA		NA		NA		NA	7.02	
Nitrate-Nitrite (as N)		NA		NA		NA		NA	5.24			NA
Nitrite-N		NA		NA		NA		NA		NA	0.20	U
Sulfate		NA		NA		NA		NA	43.4		22.0	
Sulfide		NA		NA		NA		NA		NA	0.50	U
Total Organic Carbon		NA		NA		NA		NA		NA	2.25	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)								
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA
1,1,1-Trichloroethane	100		100			NA	3	J
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U		NA	10	U
1,1-Dichloroethane	94		94			NA	10	U
1,1-Dichloroethene	95		95			NA	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U		NA	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA	10	U
1,4-Dioxane		NA	78	J		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA
2-Butanone	10	UJ	10	UJ		NA	10	U
2-Chlorotoluene		NA		NA		NA		NA
2-Hexanone	10	UJ	10	UJ		NA	10	U
4-Chlorotoluene		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U		NA	10	U
Acetone	10	UJ	10	UJ		NA	10	UJ
Acrolein		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA
Benzene	10	U	10	U		NA	10	U
Bromobenzene		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U		NA	10	U
Bromoform	10	U	10	U		NA	10	U
Bromomethane	10	U	10	U		NA	10	U
Carbon Disulfide	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
Carbon Tetrachloride	10	U	10	U		NA	10	U
Chlorobenzene	10	U	10	U		NA	10	U
Chloroethane	10	U	10	U		NA	10	U
Chloroform	10	U	10	U		NA	10	U
Chloromethane	10	U	10	U		NA	10	U
cis-1,2-Dichloroethene	120		120			NA	1	J
cis-1,3-Dichloropropene	10	U	10	U		NA	10	U
Cyclohexane	10	U	10	U		NA	10	U
Dibromochloromethane	10	U	10	U		NA	10	U
Dibromomethane		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ	10	UJ		NA	10	U
Ethyl Ether		NA		NA		NA		NA
Ethylbenzene	10	U	10	U		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA
Methyl Acetate	10	U	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U	10	U		NA	8	J
Methylcyclohexane	10	UJ	10	UJ		NA	10	U
Methylene Chloride	10	UJ	10	UJ		NA	10	UJ
Naphthalene		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA
Styrene	10	U	10	U		NA	10	U
Tert-Butylbenzene		NA		NA		NA		NA
Tetrachloroethene	3		3	J		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA
Toluene	10	U	10	U		NA	10	U
Total Xylenes	10	U	10	U		NA	10	U
trans-1,2-Dichloroethene	10	U	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U		NA	10	U
Trichloroethene	420		420	*		NA	10	U
Trichlorofluoromethane	10	U	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA
Vinyl Chloride	1	U	1	U		NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)								
Ethane	10.0	U	10.0	U		NA	10.0	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
Ethene	10.0	U	10.0	U		NA	10.0	U
Methane	5.0	U	5.0	U		NA	5.0	U
Volatile Organic Screening Analysis (UG/L)								
1,1,1-Trichloroethane		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA
Benzene		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA
Toluene		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)								
1,1'-Biphenyl	10	U	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA	10	U
2,4-Dichlorophenol	10	U	10	U		NA	10	U
2,4-Dimethylphenol	10	U	10	U		NA	10	U
2,4-Dinitrophenol	25	U	25	U		NA	25	U
2,4-Dinitrotoluene	10	U	10	U		NA	10	U
2,6-Dinitrotoluene	10	U	10	U		NA	10	U
2-Chloronaphthalene	10	U	10	U		NA	10	U
2-Chlorophenol	10	U	10	U		NA	10	U
2-Methylnaphthalene	10	U	10	U		NA	10	U
2-Methylphenol	10	U	10	U		NA	10	U
2-Nitroaniline	25	U	25	U		NA	25	U
2-Nitrophenol	10	U	10	U		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U		NA	10	U
3-Nitroaniline	25	U	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA	10	U
4-Chloroaniline	10	UJ	10	UJ		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA	10	U
4-Methylphenol	10	U	10	U		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
4-Nitroaniline	25	UJ	25	UJ		NA	25	U
4-Nitrophenol	25	U	25	U		NA	25	U
Acenaphthene	10	U	10	U		NA	10	U
Acenaphthylene	10	U	10	U		NA	10	U
Acetophenone	10	U	10	U		NA	10	U
Anthracene	10	U	10	U		NA	10	U
Atrazine	10	U	10	U		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U		NA	10	U
Benzo(a)pyrene	10	U	10	U		NA	10	U
Benzo(b)fluoranthene	10	U	10	U		NA	10	U
Benzo(g,h,i)perylene	10	U	10	U		NA	10	U
Benzo(k)fluoranthene	10	U	10	U		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA	10	U
Butylbenzylphthalate	10	U	10	U		NA	10	U
Caprolactam	38		38			NA	10	U
Carbazole	10	U	10	U		NA	10	U
Chrysene	10	U	10	U		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA	10	U
Dibenzofuran	10	U	10	U		NA	10	U
Diethylphthalate	10	U	10	U		NA	10	U
Dimethylphthalate	10	U	10	U		NA	10	U
Di-n-Butylphthalate	10	U	10	U		NA	10	U
Di-n-octylphthalate	10	U	10	U		NA	10	U
Fluoranthene	10	U	10	U		NA	10	U
Fluorene	10	U	10	U		NA	10	U
Hexachlorobenzene	10	U	10	U		NA	10	U
Hexachlorobutadiene	10	U	10	U		NA	10	U
Hexachlorocyclopentadiene	10	UJ	10	UJ		NA	10	U
Hexachloroethane	10	U	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA	10	U
Isophorone	10	U	10	U		NA	10	U
Naphthalene	10	U	10	U		NA	10	U
Nitrobenzene	10	U	10	U		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U		NA	10	U
Pentachlorophenol	25	U	25	U		NA	25	U
Phenanthrene	10	U	10	U		NA	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
Phenol	10	U	10	U		NA	10	U
Pyrene	10	U	10	U		NA	10	U
Total PAH		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)								
Acenaphthylene	0.20	U	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)								
4,4'-DDD	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U		NA	0.050	U
Dieldrin	0.050	U	0.050	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA	0.10	U
Endrin	0.050	U	0.050	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U		NA	0.050	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
gamma-Chlordane	0.050	U	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.020	U		NA	0.020	U
Heptachlor Epoxide	0.032		0.032			NA	0.020	U
Methoxychlor	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)								
1,2,3,4,6,7,8-HpCDD	91.2		91.2	J		NA	2.9	U
1,2,3,4,6,7,8-HpCDF	5.3		5.3	EMPC		NA	1.7	U
1,2,3,4,7,8,9-HpCDF	4.1	UJ	4.1	UJ		NA	2.1	U
1,2,3,4,7,8-HxCDD	3.7	UJ	3.7	UJ		NA	1.7	U
1,2,3,4,7,8-HxCDF	2.4	UJ	2.4	UJ		NA	1.8	U
1,2,3,6,7,8-HxCDD	9.5		9.5	EMPC		NA	1.7	U
1,2,3,6,7,8-HxCDF	2.4	UJ	2.4	UJ		NA	1.1	U
1,2,3,7,8,9-HxCDD	3.5	UJ	3.5	UJ		NA	1.7	U
1,2,3,7,8,9-HxCDF	3.1	UJ	3.1	UJ		NA	1.3	U
1,2,3,7,8-PeCDD	3.2	UJ	3.2	UJ		NA	1.4	U
1,2,3,7,8-PeCDF	2.1	UJ	2.1	UJ		NA	0.90	U
2,3,4,6,7,8-HxCDF	2.5	UJ	2.5	UJ		NA	1.2	U
2,3,4,7,8-PeCDF	2.2	UJ	2.2	UJ		NA	0.90	U
2,3,7,8-TCDD	3.1	UJ	3.1	UJ		NA	1.7	U
2,3,7,8-TCDF	2.4	UJ	2.4	UJ		NA	1.2	U
OCDD	742		742	J		NA	4.3	U
OCDF	12.3	UEMPC	12.3	UEMPC		NA	3.4	U
Total HpCDD	148		148	J		NA	2.9	UJ
Total HpCDF	20.5		20.5	EMPC		NA	1.9	UJ
Total HxCDD	16.3	UEMPC	16.3	UEMPC		NA	4.9	UEMPC
Total HxCDF	28.0		28.0	J		NA	1.8	UJ
Total PeCDD	3.2	UJ	3.2	UJ		NA	1.4	UJ
Total PeCDF	2.1	UJ	2.1	UJ		NA	0.90	UJ
Total TCDD	3.1	UJ	3.1	UJ		NA	1.7	UJ
Total TCDF	10.3		10.3	EMPC		NA	1.2	UJ
Toxicity Equivalency	2.0		2.0	J		NA	0.00	U
TAL Metal Analysis (UG/L)								
Aluminum	10.3	U	10.3	U		NA	85.9	U
Antimony	3.5	U	3.5	U		NA	2.6	UJ
Arsenic	2.3	U	2.3	U		NA	4.8	U
Barium	13.6	U	13.6	U		NA	37.8	
Beryllium	1.1	U	1.1	U		NA	0.10	U
Cadmium	0.50	U	0.50	U		NA	0.30	U
Calcium	99500		99500			NA	11000	

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Sample Number	OU2-MW-215DB-07-AVG		OU2-MW-215DB-07		OU2-MW-DUP17-07		OU2-MW-215S-07	
Sample Location	MW-215DB		MW-215DB		MW-215DB		MW-215S	
Date Sampled	1/15/2003		1/15/2003		1/15/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		Field Dup. OU2-MW-215DB-07		None	
Zone	Bedrock		Bedrock		Bedrock		Overburden	
Chromium	1.4	U	1.4	U		NA	0.60	U
Cobalt	1.3	U	1.3	U		NA	1.0	U
Copper	0.80	UJ	0.80	UJ		NA	0.60	UJ
Cyanide	2.9	UJ	2.9	UJ	2.7	UJ	10.0	U
Iron	19.5	U	19.5	U		NA	20.3	UJ
Lead	1.5	U	1.5	U		NA	2.2	UJ
Magnesium	30300		30300			NA	3380	
Manganese	43.3		43.3	J		NA	22.6	
Mercury	0.10	U	0.10	U		NA	0.10	U
Nickel	1.7	U	1.7	U		NA	1.8	J
Potassium	5940		5940	J		NA	2940	
Selenium	2.2	UJ	2.2	UJ		NA	4.8	U
Silver	0.80	UJ	0.80	UJ		NA	0.60	U
Sodium	88100		88100			NA	11200	
Thallium	4.2	U	4.2	U		NA	4.7	UJ
Vanadium	0.80	U	0.80	U		NA	0.50	U
Zinc	12.6	UJ	12.6	UJ		NA	7.8	
Wet Chemistry Analysis								
Alkalinity	60.0		60.0	J		NA	12.0	J
Carbon Dioxide	61.2		61.2	J		NA	30.5	J
Carbon Dioxide, Free		NA		NA		NA		NA
Chloride	333		333	J		NA	15.7	J
Ferrous Iron	0.030	UJ	0.030	UJ		NA	0.060	
Nitrate	3.0		3.02			NA	1.64	
Nitrate-Nitrite (as N)		NA		NA		NA		NA
Nitrite-N	0.20	U	0.20	U		NA	0.050	U
Sulfate	62.0		62.0			NA	21.7	
Sulfide	0.50	U	0.50	U		NA	0.50	U
Total Organic Carbon	2.6		2.57			NA	2.1	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		NA	10	U	10	U	1	J	10	U
1,1,2,2-Tetrachloroethane		NA	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA		NA	10	U		NA	10	U
1,1,2-Trichloroethane		NA	10	U	10	U	10	U	10	U
1,1-Dichloroethane		NA	10	U	10	U	10	U	10	U
1,1-Dichloroethene		NA	10	U	0.9	UJ	10	U	0.9	UJ
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA		NA	10	UJ		NA	10	UJ
1,2-Dibromoethane		NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,2-Dichloroethane		NA	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	8	J		NA	6	J		NA
1,2-Dichloropropane		NA	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,4-Dioxane		NA		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone		NA	10	U	10	U	4	J	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone		NA	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone		NA	10	U	10	U	10	U	10	U
Acetone		NA	10	UJ	10	U	19		10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene		NA	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane		NA	10	U	10	U	3	J	10	U
Bromoform		NA	10	U	10	U	10	U	10	U
Bromomethane		NA	10	U	10	U	10	U	10	U
Carbon Disulfide		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Carbon Tetrachloride		NA	10	U	10	U	10	U	10	U
Chlorobenzene		NA	10	U	10	U	10	U	10	U
Chloroethane		NA	10	U	10	U	10	U	10	U
Chloroform		NA	10	U	10	U	13		10	U
Chloromethane		NA	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA		NA	4	J		NA	6	
cis-1,3-Dichloropropene		NA	10	U	10	U	10	U	10	U
Cyclohexane		NA		NA	10	U		NA	10	U
Dibromochloromethane		NA	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA		NA	10	UJ		NA	10	UJ
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene		NA	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA	10	U		NA	10	U
Methyl tert-Butyl Ether		NA		NA	10	U		NA	10	U
Methylcyclohexane		NA		NA	10	U		NA	10	U
Methylene Chloride		NA	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene		NA	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene		NA	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene		NA	10	U	10	U	4	J	10	U
Total Xylenes		NA	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA		NA	10	U		NA	10	U
trans-1,3-Dichloropropene		NA	10	U	10	U	10	U	10	U
Trichloroethene		NA	55		31		46		17	
Trichlorofluoromethane		NA		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride		NA	10	U	1	U	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	10.0	U	2.0	U	10.0	U

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Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Ethene		NA		NA	10.0	U	3.0	U	10.0	U
Methane		NA		NA	5.0	U	2.9	UJ	33.0	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane	0.8			NA		NA		NA		NA
1,1-Dichloroethene	0.5	U		NA		NA		NA		NA
Benzene	0.5	U		NA		NA		NA		NA
Chlorobenzene	5	U		NA		NA		NA		NA
cis-1,2-Dichloroethene	1	U		NA		NA		NA		NA
Tetrachloroethene	0.5	U		NA		NA		NA		NA
Toluene	1	U		NA		NA		NA		NA
Trichloroethene	0.8			NA		NA		NA		NA
Vinyl Chloride	0.1	U		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	UJ		NA	10	UJ
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U	10	U	10	UJ	10	U
2,4,5-Trichlorophenol		NA	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA	10	U	10	U	10	UJ	10	U
2,4-Dichlorophenol		NA	10	U	10	U	10	U	10	U
2,4-Dimethylphenol		NA	10	U	10	U	10	U	10	U
2,4-Dinitrophenol		NA	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene		NA	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene		NA	10	U	10	U	10	U	10	U
2-Chloronaphthalene		NA	10	U	10	UJ	10	U	10	UJ
2-Chlorophenol		NA	10	U	10	U	10	U	10	U
2-Methylnaphthalene		NA	10	U	10	U	10	U	10	U
2-Methylphenol		NA	10	U	10	U	10	U	10	U
2-Nitroaniline		NA	25	U	25	U	25	U	25	U
2-Nitrophenol		NA	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine		NA	10	U	10	U	10	U	10	U
3-Nitroaniline		NA	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether		NA	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA	10	U	10	U	10	U	10	U
4-Chloroaniline		NA	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether		NA	10	U	10	U	10	U	10	U
4-Methylphenol		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
4-Nitroaniline		NA	25	U	25	U	25	U	25	U
4-Nitrophenol		NA	25	U	25	UJ	25	U	25	UJ
Acenaphthene		NA	10	U	10	U	10	U	10	U
Acenaphthylene		NA	10	U	10	U	10	U	10	U
Acetophenone		NA		NA	10	U		NA	10	U
Anthracene		NA	10	U	10	U	10	U	10	U
Atrazine		NA		NA	10	U		NA	10	U
Benzaldehyde		NA		NA	10	U		NA	10	U
Benzo(a)anthracene		NA	10	U	10	U	10	U	10	U
Benzo(a)pyrene		NA	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene		NA	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene		NA	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA	10	U	10	U	10	U	10	U
Butylbenzylphthalate		NA	10	U	10	U	10	U	10	U
Caprolactam		NA		NA	10	U		NA	10	U
Carbazole		NA	10	U	10	U	10	U	10	U
Chrysene		NA	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA	10	U	10	U	10	U	10	U
Dibenzofuran		NA	10	U	10	U	10	U	10	U
Diethylphthalate		NA	10	U	10	U	10	U	10	U
Dimethylphthalate		NA	10	U	10	U	10	U	10	U
Di-n-Butylphthalate		NA	10	U	10	U	10	U	10	U
Di-n-octylphthalate		NA	10	U	10	U	10	U	10	U
Fluoranthene		NA	10	U	10	U	10	U	10	U
Fluorene		NA	10	U	10	U	10	U	10	U
Hexachlorobenzene		NA	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA	10	U	10	UJ	10	U	10	UJ
Hexachlorocyclopentadiene		NA	10	UJ	10	U	10	U	10	U
Hexachloroethane		NA	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA	10	U	10	U	10	U	10	U
Isophorone		NA	10	U	10	U	10	U	10	U
Naphthalene		NA	10	U	10	U	10	U	10	U
Nitrobenzene		NA	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA	10	U	10	UJ	10	U	10	UJ
N-Nitroso-diphenylamine		NA	10	U	10	U	10	U	10	U
Pentachlorophenol		NA	25	UJ	25	U	25	U	25	U
Phenanthrene		NA	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Phenol		NA	10	U	10	U	10	U	10	U
Pyrene		NA	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene		NA		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene		NA		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene		NA		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene		NA		NA	0.20	U		NA	0.20	U
Chrysene		NA		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene		NA		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U		NA	0.20	U
Phenanthrene		NA		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE		NA	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT		NA	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin		NA	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC		NA	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane		NA	0.050	U	0.050	U	0.0027	JP	0.050	U
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016		NA	1.0	U	1.0	U	1.0	UJ	1.0	U
Aroclor-1221		NA	2.0	U	0.25	U	2.0	UJ	0.25	U
Aroclor-1232		NA	1.0	U	1.0	U	1.0	UJ	1.0	U
Aroclor-1242		NA	1.0	U	1.0	U	1.0	UJ	1.0	U
Aroclor-1248		NA	1.0	U	1.0	U	1.0	UJ	1.0	U
Aroclor-1254		NA	1.0	U	0.25	U	1.0	UJ	0.25	U
Aroclor-1260		NA	1.0	U	0.25	U	1.0	UJ	0.25	U
Aroclor-1262		NA	1.0	UJ	0.28	U	1.0	UJ	0.28	U
Aroclor-1268		NA	1.0	U	1.0	U	1.0	UJ	1.0	U
beta-BHC		NA	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC		NA	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin		NA	0.10	U	0.050	U	0.10	U	0.050	U
Endosulfan I		NA	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endrin		NA	0.10	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde		NA	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone		NA	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC		NA	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
gamma-Chlordane		NA	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor		NA	0.050	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide		NA	0.050	U	0.020	U	0.050	U	0.020	U
Methoxychlor		NA	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene		NA	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA	6.4	U	159	U	8960		68.6	U
Antimony		NA	4.0	U	3.5	U	3.9	U	3.5	U
Arsenic		NA	6.0	UJ	2.9	U	2.3	U	3.2	UJ
Barium		NA	20.5		15.9		43.4		16.8	
Beryllium		NA	1.0	U	0.18	UJ	0.59		0.14	UJ
Cadmium		NA	1.0	UJ	0.40	U	0.20	U	0.40	U
Calcium		NA	50800		64400		37400		64000	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-215S-07		OU2-MW-216B-01		OU2-MW-216B-07		OU2-MW-216DB-01		OU2-MW-216DB-07-AVG	
Sample Location	MW-215S		MW-216B		MW-216B		MW-216DB		MW-216DB	
Date Sampled	1/9/2003		11/19/1997		12/12/2002		2/25/1999		12/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-216DB-07	
Zone	Overburden		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Chromium		NA	3.2	UJ	0.90	U	12.7		0.90	U
Cobalt		NA	2.4	J	1.0	U	5.4		1.0	U
Copper		NA	28.9	U	1.3	UJ	1.2	J	1.3	UJ
Cyanide		NA		NA		NA		NA		NA
Iron		NA	184	U	92.3		3300		18.1	U
Lead		NA	3.0	U	2.3	U	3.9	U	2.3	U
Magnesium		NA	9030		12600		8660		12600	
Manganese		NA	286	J	299		52.1		118	
Mercury		NA	0.20	U	0.20	U	0.10	U	0.20	U
Nickel		NA	2.7	U	3.4	U	20.8		4.1	U
Potassium		NA	3520		4240		6350		3490	
Selenium		NA	3.0	U	3.0	UJ	3.6	U	3.0	UJ
Silver		NA	1.4	U	1.1	UJ	1.0	U	1.1	UJ
Sodium		NA	18000		14000		26700		17600	
Thallium		NA	6.0	U	4.7	UJ	3.1	U	3.1	U
Vanadium		NA	1.0	U	2.8	U	1.2	U	2.2	U
Zinc		NA	22.0	U	9.2	U	16.3		10.5	U
Wet Chemistry Analysis										
Alkalinity		NA	80.2		114		68.1		94.0	
Carbon Dioxide		NA		NA	104	J	0.40		85.1	
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride		NA	25.2		51.1		33.7		88.8	
Ferrous Iron		NA		NA	0.030	U	7.3	J	0.040	
Nitrate		NA		NA	1.06	J	0.56		0.78	
Nitrate-Nitrite (as N)		NA	0.41			NA	0.61			NA
Nitrite-N		NA		NA	0.055	J	0.050	U	0.060	
Sulfate		NA	76.3		68.6		63.6		53.0	
Sulfide		NA		NA		R	0.050	U		R
Total Organic Carbon		NA		NA	3.91	J		NA	3.4	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA	1	U	1	U	1	U
1,1,1-Trichloroethane	10	U	10	U	1	U	1	U	2	
1,1,2,2-Tetrachloroethane	10	U	10	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	1	U	1	U	1	U
1,1,2-Trichloroethane	10	U	10	U	1	U	1	U	1	U
1,1-Dichloroethane	10	U	10	U	2.2		1	U	3	
1,1-Dichloroethene	0.9	UJ	0.9	UJ	2.4		1	U	2	
1,1-Dichloropropene		NA		NA	1	U	1	U	1	U
1,2,3-Trichlorobenzene		NA		NA	1	U	1	U	1	U
1,2,3-Trichloropropane		NA		NA	1	U	1	U	1	U
1,2,4-Trichlorobenzene	10	U	10	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene		NA		NA	1	U	62		0.7	
1,2-Dibromo-3-chloropropane	10	UJ	10	UJ	1	U	1	U	1	U
1,2-Dibromoethane	10	U	10	U	1	U	1	U	1	U
1,2-Dichlorobenzene	10	U	10	U	1	U	1	U	1	U
1,2-Dichloroethane	10	U	10	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA	1	U	11		1	U
1,3-Dichlorobenzene	10	U	10	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA	1	U	1	U	1	U
1,4-Dichlorobenzene	10	U	10	U	1	U	1	U	1	U
1,4-Dioxane	100	UJ	100	UJ		NA		NA		NA
2,2-Dichloropropane		NA		NA	1	U	1	U	1	U
2-Butanone	10	U	10	U	4	U	3.4	L	4	U
2-Chlorotoluene		NA		NA	1	U	1	U	1	U
2-Hexanone	10	U	10	U	0.6	U	0.6	U	0.6	U
4-Chlorotoluene		NA		NA	1	U	1	U	1	U
4-Methyl-2-Pentanone	10	U	10	U	0.5	U	0.5	U	0.5	U
Acetone	10	U	10	U	1.7	L,B	15	B,J	4	
Acrolein		NA		NA	10	U	10	U	10	U
Acrylonitrile		NA		NA	5	U	5	U	5	U
Benzene	10	U	10	U	1	U	1.6		1	U
Bromobenzene		NA		NA	1	U	1	U	1	U
Bromochloromethane		NA		NA	1	U	1	U	1	U
Bromodichloromethane	10	U	10	U	1	U	1	U	1	U
Bromoform	10	U	10	U	1	U	1	U	1	U
Bromomethane	10	U	10	U	1	U	1	U	1	U
Carbon Disulfide	10	U	10	U	3	U	1.6	L	3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U	10	U	1	U	1	U	1	U
Chlorobenzene	10	U	10	U	1	U	1	U	1	U
Chloroethane	10	U	10	U	1	U	1	U	1	U
Chloroform	10	U	10	U	1	U	1	U	1	U
Chloromethane	10	U	10	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	5	J	6	J	1.4		1	U	2	
cis-1,3-Dichloropropene	10	U	10	U	1	U	1	U	1	U
Cyclohexane	10	U	10	U		NA		NA		NA
Dibromochloromethane	10	U	10	U	1	U	1	U	1	U
Dibromomethane		NA		NA	1	U	1	U	1	U
Dichlorodifluoromethane	10	UJ	10	UJ	1	U	1	U	1	U
Ethyl Ether		NA		NA	3	U	3	U	3	U
Ethylbenzene	10	U	10	U	1	U	32		1	U
Hexachlorobutadiene		NA		NA	1	U	1	U	1	U
Isopropylbenzene	10	U	10	U	1	U	1.5		1	U
m&p-Xylene		NA		NA	2	U	100		2	U
Methyl Acetate	10	U	10	U		NA		NA		NA
Methyl tert-Butyl Ether	10	U	10	U	2.2		1.5		2	
Methylcyclohexane	10	U	10	U		NA		NA		NA
Methylene Chloride	10	U	10	U	1	U	1	U	1	U
Naphthalene		NA		NA	1	U	2		1	U
N-Butylbenzene		NA		NA	1	U	1	U	1	U
N-Propylbenzene		NA		NA	1	U	3.8		1	U
o-Xylene		NA		NA	1	U	62		1	U
p-Isopropyltoluene		NA		NA	1	U	1	U	1	U
Sec-Butylbenzene		NA		NA	1	U	1	U	1	U
Styrene	10	U	10	U	1	U	1	U	1	U
Tert-Butylbenzene		NA		NA	1	U	1	U	1	U
Tetrachloroethene	10	U	10	U	1	U	1	U	1	U
Tetrahydrofuran		NA		NA	7	U	7	U	7	U
Toluene	10	U	10	U	1	U	8.8		2	
Total Xylenes	10	U	10	U		NA		NA		NA
trans-1,2-Dichloroethene	10	U	10	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	10	U	10	U	1	U	1	U	1	U
Trichloroethene	19	U	24		2.4		1	U	3	
Trichlorofluoromethane	10	U	10	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA	6	U	6	U	6	U
Vinyl Chloride	1	U	1	U	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
Ethene	10.0	U		NA		NA		NA		NA
Methane	33.0			NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	UJ	10	UJ		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA		NA		NA
2,4,5-Trichlorophenol	25	U	25	U		NA		NA		NA
2,4,6-Trichlorophenol	10	U	10	U		NA		NA		NA
2,4-Dichlorophenol	10	U	10	U		NA		NA		NA
2,4-Dimethylphenol	10	U	10	U		NA		NA		NA
2,4-Dinitrophenol	25	U	25	U		NA		NA		NA
2,4-Dinitrotoluene	10	U	10	U		NA		NA		NA
2,6-Dinitrotoluene	10	U	10	U		NA		NA		NA
2-Chloronaphthalene	10	UJ	10	UJ		NA		NA		NA
2-Chlorophenol	10	U	10	U		NA		NA		NA
2-Methylnaphthalene	10	U	10	U		NA		NA		NA
2-Methylphenol	10	U	10	U		NA		NA		NA
2-Nitroaniline	25	U	25	U		NA		NA		NA
2-Nitrophenol	10	U	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA		NA
3-Nitroaniline	25	U	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA		NA
4-Bromophenyl-phenylether	10	U	10	U		NA		NA		NA
4-Chloro-3-methylphenol	10	U	10	U		NA		NA		NA
4-Chloroaniline	10	UJ	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA		NA
4-Methylphenol	10	U	10	U		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
4-Nitroaniline	25	U	25	U		NA		NA		NA
4-Nitrophenol	25	UJ	25	UJ		NA		NA		NA
Acenaphthene	10	U	10	U		NA		NA		NA
Acenaphthylene	10	U	10	U		NA		NA		NA
Acetophenone	10	U	10	U		NA		NA		NA
Anthracene	10	U	10	U		NA		NA		NA
Atrazine	10	U	10	U		NA		NA		NA
Benzaldehyde	10	U	10	U		NA		NA		NA
Benzo(a)anthracene	10	U	10	U		NA		NA		NA
Benzo(a)pyrene	10	U	10	U		NA		NA		NA
Benzo(b)fluoranthene	10	U	10	U		NA		NA		NA
Benzo(g,h,i)perylene	10	U	10	U		NA		NA		NA
Benzo(k)fluoranthene	10	U	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA		NA
Butylbenzylphthalate	10	U	10	U		NA		NA		NA
Caprolactam	10	U	10	U		NA		NA		NA
Carbazole	10	U	10	U		NA		NA		NA
Chrysene	10	U	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA		NA
Dibenzofuran	10	U	10	U		NA		NA		NA
Diethylphthalate	10	U	10	U		NA		NA		NA
Dimethylphthalate	10	U	10	U		NA		NA		NA
Di-n-Butylphthalate	10	U	10	U		NA		NA		NA
Di-n-octylphthalate	10	U	10	U		NA		NA		NA
Fluoranthene	10	U	10	U		NA		NA		NA
Fluorene	10	U	10	U		NA		NA		NA
Hexachlorobenzene	10	U	10	U		NA		NA		NA
Hexachlorobutadiene	10	UJ	10	UJ		NA		NA		NA
Hexachlorocyclopentadiene	10	U	10	U		NA		NA		NA
Hexachloroethane	10	U	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA		NA
Isophorone	10	U	10	U		NA		NA		NA
Naphthalene	10	U	10	U		NA		NA		NA
Nitrobenzene	10	U	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	10	UJ	10	UJ		NA		NA		NA
N-Nitroso-diphenylamine	10	U	10	U		NA		NA		NA
Pentachlorophenol	25	U	25	U		NA		NA		NA
Phenanthrene	10	U	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
Phenol	10	U	10	U		NA		NA		NA
Pyrene	10	U	10	U		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U	0.20	U		NA		NA		NA
Benzo(a)anthracene	0.20	U	0.20	UJ		NA		NA		NA
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA		NA
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA		NA
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA		NA
Chrysene	0.20	U	0.20	UJ		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA		NA
Phenanthrene	0.20	U	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U		NA		NA		NA
4,4'-DDE	0.10	U	0.10	U		NA		NA		NA
4,4'-DDT	0.10	U	0.10	U		NA		NA		NA
Aldrin	0.050	U	0.050	U		NA		NA		NA
alpha-BHC	0.050	U	0.050	U		NA		NA		NA
alpha-Chlordane	0.050	U	0.050	U		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA		NA		NA
Aroclor-1221	0.25	U	0.25	U		NA		NA		NA
Aroclor-1232	1.0	U	1.0	U		NA		NA		NA
Aroclor-1242	1.0	U	1.0	U		NA		NA		NA
Aroclor-1248	1.0	U	1.0	U		NA		NA		NA
Aroclor-1254	0.25	U	0.25	U		NA		NA		NA
Aroclor-1260	0.25	U	0.25	U		NA		NA		NA
Aroclor-1262	0.28	U	0.28	U		NA		NA		NA
Aroclor-1268	1.0	U	1.0	U		NA		NA		NA
beta-BHC	0.050	U	0.050	U		NA		NA		NA
delta-BHC	0.050	U	0.050	U		NA		NA		NA
Dieldrin	0.050	U	0.050	U		NA		NA		NA
Endosulfan I	0.050	U	0.050	U		NA		NA		NA
Endosulfan II	0.10	U	0.10	U		NA		NA		NA
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA		NA
Endrin	0.050	U	0.050	U		NA		NA		NA
Endrin Aldehyde	0.10	U	0.10	U		NA		NA		NA
Endrin Ketone	0.10	U	0.10	U		NA		NA		NA
gamma-BHC	0.050	U	0.050	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U	0.050	U		NA		NA		NA
Heptachlor	0.020	U	0.020	U		NA		NA		NA
Heptachlor Epoxide	0.020	U	0.020	U		NA		NA		NA
Methoxychlor	0.50	U	0.50	U		NA		NA		NA
Toxaphene	5.0	U	5.0	U		NA		NA		NA
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	68.6	U	63.1	U		NA		NA		NA
Antimony	3.5	U	3.5	U		NA		NA		NA
Arsenic	3.2	UJ	2.9	U		NA		NA		NA
Barium	17.7		16.0			NA		NA		NA
Beryllium	0.14	UJ	0.14	UJ		NA		NA		NA
Cadmium	0.40	U	0.49	UJ		NA		NA		NA
Calcium	65100		62900			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-216DB-07		OU2-MW-DUP04-07		OU2-GW217-20		OU2-GW217-10		RM-GW217-30-AVG	
Sample Location	MW-216DB		MW-216DB		217		217		217	
Date Sampled	12/12/2002		12/12/2002		7/8/2002		7/8/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-216DB-07		Field Dup. OU2-MW-216DB-07		None		None		Field Dup. RM-GW217-30	
Zone	Upgradient Bedrock		Upgradient Bedrock		Overburden		Overburden		Overburden	
Chromium	0.90	U	0.90	U		NA		NA		NA
Cobalt	1.0	U	1.0	U		NA		NA		NA
Copper	1.3	UJ	1.3	UJ		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA
Iron	18.1	U	18.1	U		NA		NA		NA
Lead	2.3	U	2.3	U		NA		NA		NA
Magnesium	12800		12500			NA		NA		NA
Manganese	117		118			NA		NA		NA
Mercury	0.20	U	0.20	U		NA		NA		NA
Nickel	4.1	U	3.6	U		NA		NA		NA
Potassium	3500		3470			NA		NA		NA
Selenium	3.0	UJ	3.0	UJ		NA		NA		NA
Silver	1.1	UJ	1.1	UJ		NA		NA		NA
Sodium	16800		18300			NA		NA		NA
Thallium	3.1	U	3.2	UJ		NA		NA		NA
Vanadium	2.2	U	2.6	U		NA		NA		NA
Zinc	10.5	U	10.8	U		NA		NA		NA
Wet Chemistry Analysis										
Alkalinity	94.0			NA		NA		NA		NA
Carbon Dioxide	85.1	J		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	88.8			NA		NA		NA		NA
Ferrous Iron	0.040			NA		NA		NA		NA
Nitrate	0.785	J		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N	0.060	J		NA		NA		NA		NA
Sulfate	53.0			NA		NA		NA		NA
Sulfide		R		NA		NA		NA		NA
Total Organic Carbon	3.45	J		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane	1	U	1	U		NA		NA		NA
1,1,1-Trichloroethane	2		1.6		16		10	U	10	U
1,1,2,2-Tetrachloroethane	1	U	1	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U		NA	10	U		NA
1,1,2-Trichloroethane	1	U	1	U	10	U	10	U	10	U
1,1-Dichloroethane	3.2		3.1		26		17		1	J
1,1-Dichloroethene	1.7		1.5		22		12		10	U
1,1-Dichloropropene	1	U	1	U		NA		NA		NA
1,2,3-Trichlorobenzene	1	U	1	U		NA		NA		NA
1,2,3-Trichloropropane	1	U	1	U		NA		NA		NA
1,2,4-Trichlorobenzene	1	U	1	U		NA	10	U		NA
1,2,4-Trimethylbenzene	0.76	L	0.61	L		NA		NA		NA
1,2-Dibromo-3-chloropropane	1	U	1	U		NA	10	U		NA
1,2-Dibromoethane	1	U	1	U		NA	10	U		NA
1,2-Dichlorobenzene	1	U	1	U		NA	10	U		NA
1,2-Dichloroethane	1	U	1	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	48			NA	1	J
1,2-Dichloropropane	1	U	1	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene	1	U	1	U		NA		NA		NA
1,3-Dichlorobenzene	1	U	1	U		NA	10	U		NA
1,3-Dichloropropane	1	U	1	U		NA		NA		NA
1,4-Dichlorobenzene	1	U	1	U		NA	10	U		NA
1,4-Dioxane		NA		NA		NA	100	UJ		NA
2,2-Dichloropropane	1	U	1	U		NA		NA		NA
2-Butanone	4	U	4	U	10	U	10	UJ	10	U
2-Chlorotoluene	1	U	1	U		NA		NA		NA
2-Hexanone	0.6	U	0.6	U	10	U	10	UJ	10	U
4-Chlorotoluene	1	U	1	U		NA		NA		NA
4-Methyl-2-Pentanone	0.5	U	0.5	U	10	U	10	U	10	U
Acetone	4.9	B,J	3.7	B,J	10	U	10	UJ	10	U
Acrolein	10	U	10	U		NA		NA		NA
Acrylonitrile	5	U	5	U		NA		NA		NA
Benzene	1	U	1	U	10	U	10	U	10	U
Bromobenzene	1	U	1	U		NA		NA		NA
Bromochloromethane	1	U	1	U		NA		NA		NA
Bromodichloromethane	1	U	1	U	10	U	10	U	10	U
Bromoform	1	U	1	U	10	U	10	U	10	U
Bromomethane	1	U	1	U	10	U	10	U	10	U
Carbon Disulfide	3	U	3	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Carbon Tetrachloride	1	U	1	U	10	U	10	U	10	U
Chlorobenzene	1	U	1	U	10	U	10	U	10	U
Chloroethane	1	U	1	U	10	U	10	U	10	U
Chloroform	1	U	1	U	10	U	10	U	10	U
Chloromethane	1	U	1	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	2		2.2			NA	34			NA
cis-1,3-Dichloropropene	1	U	1	U	10	U	10	U	10	U
Cyclohexane		NA		NA		NA	10	U		NA
Dibromochloromethane	1	U	1	U	10	U	10	U	10	U
Dibromomethane	1	U	1	U		NA		NA		NA
Dichlorodifluoromethane	1	U	1	U		NA	10	UJ		NA
Ethyl Ether	3	U	3	U		NA		NA		NA
Ethylbenzene	1	U	1	U	10	U	10	U	10	U
Hexachlorobutadiene	1	U	1	U		NA		NA		NA
Isopropylbenzene	1	U	1	U		NA	10	U		NA
m&p-Xylene	2	U	2	U		NA		NA		NA
Methyl Acetate		NA		NA		NA	10	U		NA
Methyl tert-Butyl Ether	2.4		2.1			NA	10	U		NA
Methylcyclohexane		NA		NA		NA	10	UJ		NA
Methylene Chloride	1	U	1	U	10	U	10	UJ	10	U
Naphthalene	1	U	1	U		NA		NA		NA
N-Butylbenzene	1	U	1	U		NA		NA		NA
N-Propylbenzene	1	U	1	U		NA		NA		NA
o-Xylene	1	U	1	U		NA		NA		NA
p-Isopropyltoluene	1	U	1	U		NA		NA		NA
Sec-Butylbenzene	1	U	1	U		NA		NA		NA
Styrene	1	U	1	U	10	U	10	U	10	U
Tert-Butylbenzene	1	U	1	U		NA		NA		NA
Tetrachloroethene	1	U	1	U	10	U	10	U	10	U
Tetrahydrofuran	7	U	7	U		NA		NA		NA
Toluene	1.9		1.9		10	U	10	U	10	U
Total Xylenes		NA		NA	10	U	10	U	10	U
trans-1,2-Dichloroethene	1	U	1	U		NA	10	U		NA
trans-1,3-Dichloropropene	1	U	1	U	10	U	10	U	10	U
Trichloroethene	3.8		3		160		110		3	J
Trichlorofluoromethane	1	U	1	U		NA	10	U		NA
Vinyl Acetate	6	U	6	U		NA		NA		NA
Vinyl Chloride	1	U	1	U	10	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA		NA	10.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Ethene		NA		NA		NA	10.0	U		NA
Methane		NA		NA		NA	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA	10	U	10	U	10	U
2,4,5-Trichlorophenol		NA		NA	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dimethylphenol		NA		NA	10	U	10	U	10	U
2,4-Dinitrophenol		NA		NA	25	U	25	U	25	U
2,4-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2,6-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2-Chloronaphthalene		NA		NA	10	U	10	U	10	U
2-Chlorophenol		NA		NA	10	U	10	U	10	U
2-Methylnaphthalene		NA		NA	10	U	10	U	10	U
2-Methylphenol		NA		NA	10	U	10	U	10	U
2-Nitroaniline		NA		NA	25	U	25	U	25	U
2-Nitrophenol		NA		NA	10	U	10	U	10	U
3,3'-Dichlorobenzidine		NA		NA	10	U	10	U	10	U
3-Nitroaniline		NA		NA	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA	25	U	25	U	25	U
4-Bromophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA		NA	10	U	10	U	10	U
4-Chloroaniline		NA		NA	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Methylphenol		NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
4-Nitroaniline		NA		NA	25	U	25	UJ	25	U
4-Nitrophenol		NA		NA	25	U	25	U	25	U
Acenaphthene		NA		NA	10	U	10	U	10	UJ
Acenaphthylene		NA		NA	10	U	10	U	10	U
Acetophenone		NA		NA		NA	10	U		NA
Anthracene		NA		NA	10	U	10	U	10	U
Atrazine		NA		NA		NA	10	U		NA
Benzaldehyde		NA		NA		NA	10	UJ		NA
Benzo(a)anthracene		NA		NA	10	U	10	U	10	U
Benzo(a)pyrene		NA		NA	10	U	10	U	10	U
Benzo(b)fluoranthene		NA		NA	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA		NA	10	U	10	U	10	U
Benzo(k)fluoranthene		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA	10	U	10	U	10	U
Butylbenzylphthalate		NA		NA	10	U	10	U	10	U
Caprolactam		NA		NA		NA	10	U		NA
Carbazole		NA		NA	10	U	10	U	10	U
Chrysene		NA		NA	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA	10	U	10	U	10	U
Dibenzofuran		NA		NA	10	U	10	U	10	U
Diethylphthalate		NA		NA	10	U	10	U	10	U
Dimethylphthalate		NA		NA	10	U	10	U	10	U
Di-n-Butylphthalate		NA		NA	10	U	10	U	10	U
Di-n-octylphthalate		NA		NA	10	U	10	U	10	U
Fluoranthene		NA		NA	10	U	10	U	10	U
Fluorene		NA		NA	10	U	10	U	10	U
Hexachlorobenzene		NA		NA	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA		NA	10	U	10	UJ	10	U
Hexachloroethane		NA		NA	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA	10	U	10	U	10	U
Isophorone		NA		NA	10	U	10	U	10	U
Naphthalene		NA		NA	10	U	10	U	10	U
Nitrobenzene		NA		NA	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA	10	U	10	U	10	U
N-Nitroso-diphenylamine		NA		NA	10	U	10	U	10	U
Pentachlorophenol		NA		NA	25	U	25	U	25	U
Phenanthrene		NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Phenol		NA		NA	10	U	10	U	10	U
Pyrene		NA		NA	10	U	10	U	10	UJ
Total PAH		NA		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA		NA	0.20	U		NA
Benzo(a)anthracene		NA		NA		NA	0.20	U		NA
Benzo(a)pyrene		NA		NA		NA	0.20	U		NA
Benzo(b)fluoranthene		NA		NA		NA	0.20	U		NA
Benzo(k)fluoranthene		NA		NA		NA	0.20	U		NA
Chrysene		NA		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA	0.20	U		NA
Phenanthrene		NA		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDE		NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDT		NA		NA	0.10	U	0.10	U	0.10	U
Aldrin		NA		NA	0.050	U	0.050	U	0.050	U
alpha-BHC		NA		NA	0.050	U	0.050	U	0.050	U
alpha-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA	1.1	U
Aroclor-1016		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1221		NA		NA	2.0	U	0.25	U	2.0	U
Aroclor-1232		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1242		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1248		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1254		NA		NA	1.0	U	0.25	U	1.0	U
Aroclor-1260		NA		NA	1.0	U	0.25	U	1.0	U
Aroclor-1262		NA		NA	1.0	UJ	0.28	U	1.0	UJ
Aroclor-1268		NA		NA	1.0	U	1.0	U	1.0	U
beta-BHC		NA		NA	0.050	U	0.050	U	0.050	U
delta-BHC		NA		NA	0.050	U	0.050	U	0.050	U
Dieldrin		NA		NA	0.10	U	0.050	U	0.10	U
Endosulfan I		NA		NA	0.050	U	0.050	U	0.050	U
Endosulfan II		NA		NA	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA	0.10	U	0.10	U	0.10	U
Endrin		NA		NA	0.10	U	0.050	U	0.10	U
Endrin Aldehyde		NA		NA	0.10	U	0.10	U	0.10	U
Endrin Ketone		NA		NA	0.10	U	0.10	U	0.10	U
gamma-BHC		NA		NA	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
gamma-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U
Heptachlor		NA		NA	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide		NA		NA	0.050	U	0.020	U	0.050	U
Methoxychlor		NA		NA	0.50	U	0.50	U	0.50	U
Toxaphene		NA		NA	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA	2.4	EMPC		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA	2.2	U		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA	1.9	J		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA	2.0	J		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA	3.3	U		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA	2.3	J		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA	3.0	U		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA	2.0	UEMPC		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA	3.1	UEMPC		NA
1,2,3,7,8-PeCDD		NA		NA		NA	3.7	J		NA
1,2,3,7,8-PeCDF		NA		NA		NA	4.1	U		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA	2.4	U		NA
2,3,4,7,8-PeCDF		NA		NA		NA	3.3	UEMPC		NA
2,3,7,8-TCDD		NA		NA		NA	2.1	EMPC		NA
2,3,7,8-TCDF		NA		NA		NA	1.7	UEMPC		NA
OCDD		NA		NA		NA	10.5	UEMPC		NA
OCDF		NA		NA		NA	1.3	U		NA
Total HpCDD		NA		NA		NA	2.4	EMPC		NA
Total HpCDF		NA		NA		NA	4.1	UJ		NA
Total HxCDD		NA		NA		NA	7.8	UEMPC		NA
Total HxCDF		NA		NA		NA	11.9	UEMPC		NA
Total PeCDD		NA		NA		NA	3.7	J		NA
Total PeCDF		NA		NA		NA	7.4	UEMPC		NA
Total TCDD		NA		NA		NA	2.1	EMPC		NA
Total TCDF		NA		NA		NA	1.7	UEMPC		NA
Toxicity Equivalency		NA		NA		NA	6.3	J		NA
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA	64.2	UJ	67.9	UJ	33.6	UJ
Antimony		NA		NA	4.0	U	3.5	U	4.0	UJ
Arsenic		NA		NA	6.0	U		R	6.0	U
Barium		NA		NA	51.4	J	49.9	J	97.5	
Beryllium		NA		NA	1.0	U	1.1	U	1.0	U
Cadmium		NA		NA	1.0	U		R	1.0	U
Calcium		NA		NA	249000		375000	J	98200	

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Sample Number	RM-GW217-30		RM-GWDP02-071502		OU2-MW-217B-01		OU2-MW-217B-07		OU2-MW-217D-01	
Sample Location	217		217		MW-217B		MW-217B		MW-217D	
Date Sampled	7/15/2002		7/15/2002		11/17/1997		1/13/2003		11/17/1997	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW217-30		Field Dup. RM-GW217-30		None		None		None	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden	
Chromium		NA		NA	7.6		5.3	UJ	1.9	
Cobalt		NA		NA		R	6.7	J	7.3	
Copper		NA		NA	23.8	U	5.0	J	30.3	U
Cyanide		NA		NA		NA		NA		NA
Iron		NA		NA	827		1480	J	2040	
Lead		NA		NA	3.0	UJ	1.5	U	3.0	UJ
Magnesium		NA		NA	346000		605000		154000	
Manganese		NA		NA	7370		11200		531	
Mercury		NA		NA	0.20	UJ	0.10	U	0.20	UJ
Nickel		NA		NA		R	6.7	J	9.2	UJ
Potassium		NA		NA	92200		113000	J	68900	
Selenium		NA		NA	4.9	UJ	2.2	UJ	3.0	U
Silver		NA		NA	1.4		5.5	J	1.0	U
Sodium		NA		NA	2940000		3990000		1470000	
Thallium		NA		NA	6.5		4.0	UJ	6.0	U
Vanadium		NA		NA	1.0	U	5.3	J	1.0	U
Zinc		NA		NA	107	J	12.9	UJ	14.0	UJ
Wet Chemistry Analysis										
Alkalinity		NA		NA	106		114	J	79.3	
Carbon Dioxide		NA		NA		NA	123	J		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride		NA		NA	7330		8220	J	3030	
Ferrous Iron		NA		NA		NA	1.58			NA
Nitrate		NA		NA		NA	1.0	UJ		NA
Nitrate-Nitrite (as N)		NA		NA	0.14			NA	4.16	
Nitrite-N		NA		NA		NA	1.0	UJ		NA
Sulfate		NA		NA	888		1020		381	
Sulfide		NA		NA		NA	0.50	U		NA
Total Organic Carbon		NA		NA		NA	4.62			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA	1	U	1	U	1	U
1,1,1-Trichloroethane	18			NA	10	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1,2-Trichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,1-Dichloroethane	16			NA	10	U	37		3		11	
1,1-Dichloroethene	15			NA	0.9	U	1.3		1	U	1	U
1,1-Dichloropropene		NA		NA		NA	1	U	1	U	1	U
1,2,3-Trichlorobenzene		NA		NA		NA	1	U	1	U	1	U
1,2,3-Trichloropropane		NA		NA		NA	1	U	1	U	1	U
1,2,4-Trichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene		NA		NA		NA	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dibromoethane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichloroethane	10	U		NA	10	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U		NA	10	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene		NA		NA		NA	1	U	1	U	1	U
1,3-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,3-Dichloropropane		NA		NA		NA	1	U	1	U	1	U
1,4-Dichlorobenzene	10	U		NA	10	U	1	U	1	U	1	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA		NA		NA
2,2-Dichloropropane		NA		NA		NA	1	U	1	U	1	U
2-Butanone	10	UJ		NA	10	U	4	U	4	U	4	U
2-Chlorotoluene		NA		NA		NA	1	U	1	U	1	U
2-Hexanone	10	UJ		NA	10	U	0.6	U	0.6	U	0.6	U
4-Chlorotoluene		NA		NA		NA	1	U	1	U	1	U
4-Methyl-2-Pentanone	10	U		NA	10	U	0.5	U	0.5	U	0.5	U
Acetone	10	UJ		NA	7	J	2.5	B,J	1.9	L,B	1.4	L,B
Acrolein		NA		NA		NA	10	U	10	U	10	U
Acrylonitrile		NA		NA		NA	5	U	5	U	5	U
Benzene	10	U		NA	10	U	0.93	L	1	U	1	U
Bromobenzene		NA		NA		NA	1	U	1	U	1	U
Bromochloromethane		NA		NA		NA	1	U	1	U	1	U
Bromodichloromethane	10	U		NA	10	U	1	U	1	U	1	U
Bromoform	10	U		NA	10	U	1	U	1	U	1	U
Bromomethane	10	U		NA	10	U	1	U	1	U	1	U
Carbon Disulfide	10	U		NA	10	U	3	U	3	U	3	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	10	U		NA	10	U	1	U	1	U	1	U
Chlorobenzene	10	U		NA	10	U	38		2.7		17	
Chloroethane	10	U		NA	10	U	1	U	1	U	1	U
Chloroform	1	J		NA	10	U	1	U	1	U	1	U
Chloromethane	10	U		NA	10	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	25			NA	10	U	33		1.6		3.9	
cis-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U
Cyclohexane	10	U		NA	10	U		NA		NA		NA
Dibromochloromethane	10	U		NA	10	U	1	U	1	U	1	U
Dibromomethane		NA		NA		NA	1	U	1	U	1	U
Dichlorodifluoromethane	10	UJ		NA	10	U	1	U	1	U	1	U
Ethyl Ether		NA		NA		NA	3	U	3	U	3	U
Ethylbenzene	10	U		NA	10	U	1	U	1	U	1	U
Hexachlorobutadiene		NA		NA		NA	1	U	1	U	1	U
Isopropylbenzene	10	U		NA	10	U	1	U	1	U	1	U
m&p-Xylene		NA		NA		NA	2	U	2	U	2	U
Methyl Acetate	10	U		NA	10	U		NA		NA		NA
Methyl tert-Butyl Ether	2	J		NA	10	U	1	U	1	U	1	U
Methylcyclohexane	10	UJ		NA	10	U		NA		NA		NA
Methylene Chloride	10	UJ		NA	10	UJ	1	U	1	U	1	U
Naphthalene		NA		NA		NA	1	U	1	U	1	U
N-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
N-Propylbenzene		NA		NA		NA	1	U	1	U	1	U
o-Xylene		NA		NA		NA	1	U	1	U	1	U
p-Isopropyltoluene		NA		NA		NA	1	U	1	U	1	U
Sec-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
Styrene	10	U		NA	10	U	1	U	1	U	1	U
Tert-Butylbenzene		NA		NA		NA	1	U	1	U	1	U
Tetrachloroethene	10	U		NA	10	U	1	U	1	U	1	U
Tetrahydrofuran		NA		NA		NA	7	U	7	U	7	U
Toluene	10	U		NA	10	U	0.72	L	1	U	1	U
Total Xylenes	10	U		NA	10	U		NA		NA		NA
trans-1,2-Dichloroethene	10	U		NA	10	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	10	U		NA	10	U	1	U	1	U	1	U
Trichloroethene	95			NA	10	U	9.5		1	U	1	U
Trichlorofluoromethane	10	U		NA	10	U	1	U	1	U	1	U
Vinyl Acetate		NA		NA		NA	6	U	6	U	6	U
Vinyl Chloride	1	U		NA	1	U	9		1	U	1.9	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA	10.0	U		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene	10.0	U		NA	10.0	U		NA		NA		NA
Methane	5.0	U		NA	5.0	U		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA	0.5	U		NA		NA		NA		NA
1,1-Dichloroethene		NA	0.5	U		NA		NA		NA		NA
Benzene		NA	0.5	U		NA		NA		NA		NA
Chlorobenzene		NA	5	U		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA	1	U		NA		NA		NA		NA
Tetrachloroethene		NA	0.5	U		NA		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA		NA
Trichloroethene		NA	0.7			NA		NA		NA		NA
Vinyl Chloride		NA	0.1	U		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	U		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U		NA		NA		NA
2,4,5-Trichlorophenol	25	U		NA	25	U		NA		NA		NA
2,4,6-Trichlorophenol	10	U		NA	10	U		NA		NA		NA
2,4-Dichlorophenol	10	U		NA	10	U		NA		NA		NA
2,4-Dimethylphenol	10	U		NA	10	U		NA		NA		NA
2,4-Dinitrophenol	25	U		NA	25	UJ		NA		NA		NA
2,4-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2,6-Dinitrotoluene	10	U		NA	10	U		NA		NA		NA
2-Chloronaphthalene	10	U		NA	10	U		NA		NA		NA
2-Chlorophenol	10	U		NA	10	U		NA		NA		NA
2-Methylnaphthalene	10	U		NA	10	U		NA		NA		NA
2-Methylphenol	10	U		NA	10	U		NA		NA		NA
2-Nitroaniline	25	U		NA	25	U		NA		NA		NA
2-Nitrophenol	10	U		NA	10	U		NA		NA		NA
3,3'-Dichlorobenzidine	10	U		NA	10	U		NA		NA		NA
3-Nitroaniline	25	U		NA	25	U		NA		NA		NA
4,6-Dinitro-2-methylphenol	25	U		NA	25	U		NA		NA		NA
4-Bromophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Chloro-3-methylphenol	10	U		NA	10	U		NA		NA		NA
4-Chloroaniline	10	UJ		NA	10	UJ		NA		NA		NA
4-Chlorophenyl-phenylether	10	U		NA	10	U		NA		NA		NA
4-Methylphenol	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline	25	UJ		NA	25	U		NA		NA		NA
4-Nitrophenol	25	U		NA	25	U		NA		NA		NA
Acenaphthene	10	U		NA	10	U		NA		NA		NA
Acenaphthylene	10	U		NA	10	U		NA		NA		NA
Acetophenone	10	U		NA	10	U		NA		NA		NA
Anthracene	10	U		NA	10	U		NA		NA		NA
Atrazine	10	U		NA	10	U		NA		NA		NA
Benzaldehyde	10	UJ		NA	10	UJ		NA		NA		NA
Benzo(a)anthracene	10	U		NA	10	U		NA		NA		NA
Benzo(a)pyrene	10	U		NA	10	U		NA		NA		NA
Benzo(b)fluoranthene	10	U		NA	10	U		NA		NA		NA
Benzo(g,h,i)perylene	10	U		NA	10	U		NA		NA		NA
Benzo(k)fluoranthene	10	U		NA	10	U		NA		NA		NA
Bis(2-Chloroethoxy)methane	10	U		NA	10	U		NA		NA		NA
Bis(2-Chloroethyl)ether	10	U		NA	10	U		NA		NA		NA
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U		NA		NA		NA
Butylbenzylphthalate	10	U		NA	10	U		NA		NA		NA
Caprolactam	10	U		NA	10	U		NA		NA		NA
Carbazole	10	U		NA	10	U		NA		NA		NA
Chrysene	10	U		NA	10	U		NA		NA		NA
Dibenzo(a,h)anthracene	10	U		NA	10	U		NA		NA		NA
Dibenzofuran	10	U		NA	10	U		NA		NA		NA
Diethylphthalate	10	U		NA	10	U		NA		NA		NA
Dimethylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-Butylphthalate	10	U		NA	10	U		NA		NA		NA
Di-n-octylphthalate	10	U		NA	10	U		NA		NA		NA
Fluoranthene	10	U		NA	10	U		NA		NA		NA
Fluorene	10	U		NA	10	U		NA		NA		NA
Hexachlorobenzene	10	U		NA	10	U		NA		NA		NA
Hexachlorobutadiene	10	U		NA	10	U		NA		NA		NA
Hexachlorocyclopentadiene	10	UJ		NA	10	U		NA		NA		NA
Hexachloroethane	10	U		NA	10	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	10	U		NA	10	U		NA		NA		NA
Isophorone	10	U		NA	10	U		NA		NA		NA
Naphthalene	10	U		NA	10	U		NA		NA		NA
Nitrobenzene	10	U		NA	10	U		NA		NA		NA
N-Nitroso-di-n-propylamine	10	U		NA	10	U		NA		NA		NA
N-Nitroso-diphenylamine	10	U		NA	10	U		NA		NA		NA
Pentachlorophenol	25	U		NA	25	U		NA		NA		NA
Phenanthrene	10	U		NA	10	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol	10	U		NA	10	U		NA		NA		NA
Pyrene	10	U		NA	10	U		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA		NA		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA		NA		NA
Chrysene	0.20	U		NA	0.20	U		NA		NA		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA		NA		NA
Phenanthrene	0.20	U		NA	0.20	U		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U		NA	0.10	U		NA		NA		NA
4,4'-DDE	0.10	U		NA	0.10	U		NA		NA		NA
4,4'-DDT	0.10	U		NA	0.10	U		NA		NA		NA
Aldrin	0.050	U		NA	0.050	U		NA		NA		NA
alpha-BHC	0.050	U		NA	0.050	U		NA		NA		NA
alpha-Chlordane	0.050	U		NA	0.050	U		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1221	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1232	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1242	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1248	1.0	U		NA	1.0	U		NA		NA		NA
Aroclor-1254	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1260	0.25	U		NA	0.25	U		NA		NA		NA
Aroclor-1262	0.28	U		NA	0.28	U		NA		NA		NA
Aroclor-1268	1.0	U		NA	1.0	U		NA		NA		NA
beta-BHC	0.050	U		NA	0.050	U		NA		NA		NA
delta-BHC	0.050	U		NA	0.050	U		NA		NA		NA
Dieldrin	0.050	U		NA	0.050	U		NA		NA		NA
Endosulfan I	0.050	U		NA	0.050	U		NA		NA		NA
Endosulfan II	0.10	U		NA	0.10	U		NA		NA		NA
Endosulfan Sulfate	0.10	U		NA	0.10	U		NA		NA		NA
Endrin	0.050	U		NA	0.050	U		NA		NA		NA
Endrin Aldehyde	0.10	U		NA	0.10	U		NA		NA		NA
Endrin Ketone	0.10	U		NA	0.10	U		NA		NA		NA
gamma-BHC	0.050	U		NA	0.050	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane	0.050	U		NA	0.050	U		NA		NA		NA
Heptachlor	0.020	U		NA	0.020	U		NA		NA		NA
Heptachlor Epoxide	0.020	U		NA	0.020	U		NA		NA		NA
Methoxychlor	0.50	U		NA	0.50	U		NA		NA		NA
Toxaphene	5.0	U		NA	5.0	U		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	3.8	UJ		NA	6.1	J		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	1.9	UJ		NA	5.7	U		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	2.3	UJ		NA	6.3	J		NA		NA		NA
1,2,3,4,7,8-HxCDD	2.1	UJ		NA	6.1	J		NA		NA		NA
1,2,3,4,7,8-HxCDF	2.2	UJ		NA	7.5	U		NA		NA		NA
1,2,3,6,7,8-HxCDD	2.1	UJ		NA	7.3	J		NA		NA		NA
1,2,3,6,7,8-HxCDF	1.4	UJ		NA	6.4	U		NA		NA		NA
1,2,3,7,8,9-HxCDD	2.0	UJ		NA	7.7	U		NA		NA		NA
1,2,3,7,8,9-HxCDF	1.7	UJ		NA	10.0	U		NA		NA		NA
1,2,3,7,8-PeCDD	2.0	UJ		NA	6.8	J		NA		NA		NA
1,2,3,7,8-PeCDF	1.3	UJ		NA	6.0	UEMPC		NA		NA		NA
2,3,4,6,7,8-HxCDF	1.6	UJ		NA	5.2	U		NA		NA		NA
2,3,4,7,8-PeCDF	1.4	UJ		NA	5.9	U		NA		NA		NA
2,3,7,8-TCDD	2.4	UJ		NA	2.8	U		NA		NA		NA
2,3,7,8-TCDF	1.8	UJ		NA	2.1	U		NA		NA		NA
OCDD	11.8	UEMPC		NA	7.7	U		NA		NA		NA
OCDF	3.7	UJ		NA	6.1	U		NA		NA		NA
Total HpCDD	3.8	UJ		NA	6.1	J		NA		NA		NA
Total HpCDF	2.1	UJ		NA	12.0	UJ		NA		NA		NA
Total HxCDD	2.1	UJ		NA	21.1	UJ		NA		NA		NA
Total HxCDF	2.2	UJ		NA	29.2	UJ		NA		NA		NA
Total PeCDD	2.0	UJ		NA	6.8	J		NA		NA		NA
Total PeCDF	1.4	UJ		NA	11.9	UEMPC		NA		NA		NA
Total TCDD	2.4	UJ		NA	2.8	UJ		NA		NA		NA
Total TCDF	1.8	UJ		NA	2.1	UJ		NA		NA		NA
Toxicity Equivalency	0.00	UJ		NA	8.3	J		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	10.1	U		NA	99.8	U		NA		NA		NA
Antimony	3.5	U		NA	2.3	U		NA		NA		NA
Arsenic	2.3	U		NA	4.8	U		NA		NA		NA
Barium	35.5	J		NA	17.5			NA		NA		NA
Beryllium	1.1	U		NA	0.10	U		NA		NA		NA
Cadmium	0.50	UJ		NA	0.30	U		NA		NA		NA
Calcium	113000	J		NA	9270			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-217D-07		OU2-GW-217S-07		OU2-MW-217S-07		OU2-GW218-21		OU2-GW218-12		OU2-GW218-17	
Sample Location	MW-217D		MW-217S		MW-217S		218		218		218	
Date Sampled	1/14/2003		1/9/2003		1/10/2003		7/9/2002		7/9/2002		7/9/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium	2.2	UJ		NA	0.60	U		NA		NA		NA
Cobalt	8.0	J		NA	1.0	U		NA		NA		NA
Copper	1.5			NA	0.60	U		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	19.5	U		NA	21.7	UJ		NA		NA		NA
Lead	1.5	U		NA	2.2	UJ		NA		NA		NA
Magnesium	178000			NA	1560			NA		NA		NA
Manganese	115			NA	277			NA		NA		NA
Mercury	0.10	U		NA	0.10	U		NA		NA		NA
Nickel	13.4	J		NA	1.5	J		NA		NA		NA
Potassium	82800	J		NA	1970	J		NA		NA		NA
Selenium	2.2	UJ		NA	4.8	U		NA		NA		NA
Silver	2.0	J		NA	0.60	U		NA		NA		NA
Sodium	1620000			NA	20900			NA		NA		NA
Thallium	4.0	UJ		NA	5.4	UJ		NA		NA		NA
Vanadium	1.5			NA	0.50	U		NA		NA		NA
Zinc	19.4	UJ		NA	1.4	U		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity	48.0	J		NA	12.0	J		NA		NA		NA
Carbon Dioxide	115	J		NA	27.6	J		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	2550	J		NA	11.0	J		NA		NA		NA
Ferrous Iron	0.030	UJ		NA	0.030	U		NA		NA		NA
Nitrate	5.0	J		NA	8.6			NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N	1.0	UJ		NA	0.050	U		NA		NA		NA
Sulfate	321			NA	10.7			NA		NA		NA
Sulfide	0.50	U		NA	0.50	U		NA		NA		NA
Total Organic Carbon	4.36			NA	2.0	U		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	5	U
1,1,1-Trichloroethane	1	U	1	U	1	U	1	U	26.7		160	
1,1,2,2-Tetrachloroethane	1	U	1	U	1	U	1	U	1	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1	U	1	U	1	U	1	U	1	U	5	U
1,1,2-Trichloroethane	1	U	1	U	1	U	1	U	1	U	5	U
1,1-Dichloroethane	15		16		16		2.5		12		11	
1,1-Dichloroethene	1.3		1.4		1.9		1	U	13		61	
1,1-Dichloropropene	1	U	1	U	1	U	1	U	1	U	5	U
1,2,3-Trichlorobenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,2,3-Trichloropropane	1	U	1	U	1	U	1	U	1	U	5	U
1,2,4-Trichlorobenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,2,4-Trimethylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,2-Dibromo-3-chloropropane	1	U	1	U	1	U	1	U	1	U	5	U
1,2-Dibromoethane	1	U	1	U	1	U	1	U	1	U	5	U
1,2-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,2-Dichloroethane	1	U	1	U	1	U	1	U	1	U	5	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	5	U
1,3,5-Trimethylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,3-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,3-Dichloropropane	1	U	1	U	1	U	1	U	1	U	5	U
1,4-Dichlorobenzene	1	U	1	U	1	U	1	U	1	U	5	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	1	U	1	U	1	U	1	U	1	U	5	U
2-Butanone	4	U	4	U	4	U	4	U	4	U	20	U
2-Chlorotoluene	1	U	1	U	1	U	1	U	1	U	5	U
2-Hexanone	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	3	U
4-Chlorotoluene	1	U	1	U	1	U	1	U	1	U	5	U
4-Methyl-2-Pentanone	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U
Acetone	2	U	1.1	L,J	1.1	L,J	2	U	2	U	8.2	L,B
Acrolein	10	U	10	U	10	U	10	U	10	U	50	U
Acrylonitrile	5	U	5	U	5	U	5	U	5	U	25	U
Benzene	1	U	1	U	0.51		1	U	1	U	5	U
Bromobenzene	1	U	1	U	1	U	1	U	1	U	5	U
Bromochloromethane	1	U	1	U	1	U	1	U	1	U	5	U
Bromodichloromethane	1	U	1	U	1	U	1	U	1	U	5	U
Bromoform	1	U	1	U	1	U	1	U	1	U	5	U
Bromomethane	0.71	L,B	0.64	L,B	1	U	0.62	L,B	0.58	L,B	5	U
Carbon Disulfide	3	U	3	U	3	U	3	U	3	U	15	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Tetrachloride	1	U	1	U	1	U	1	U	1	U	5	U
Chlorobenzene	37		38		43		3.7		14		9.4	
Chloroethane	1	U	1	U	1	U	1	U	1	U	5	U
Chloroform	1	U	1	U	1	U	1	U	1	U	5	U
Chloromethane	1	U	1	U	1	U	1	U	1	U	5	U
cis-1,2-Dichloroethene	16		16		24		1	U	13		6.4	
cis-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	5	U
Cyclohexane		NA		NA		NA		NA		NA		NA
Dibromochloromethane	1	U	1	U	1	U	1	U	1	U	5	U
Dibromomethane	1	U	1	U	1	U	1	U	1	U	5	U
Dichlorodifluoromethane	1	U	1	U	1	U	1	U	1	U	5	U
Ethyl Ether	3	U	3	U	3	U	3	U	3	U	15	U
Ethylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
Hexachlorobutadiene	1	U	1	U	1	U	1	U	1	U	5	U
Isopropylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
m&p-Xylene	2	U	2	U	2	U	2	U	2	U	10	U
Methyl Acetate		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	0.55	L	0.57	L	1	U	0.67	L	1	U	5	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA
Methylene Chloride	1	U	1	U	1	U	1	U	1	U	5	U
Naphthalene	1	U	1	U	1	U	1	U	1	U	5	U
N-Butylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
N-Propylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
o-Xylene	1	U	1	U	1	U	1	U	1	U	5	U
p-Isopropyltoluene	1	U	1	U	1	U	1	U	1	U	5	U
Sec-Butylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
Styrene	1	U	1	U	1	U	1	U	1	U	5	U
Tert-Butylbenzene	1	U	1	U	1	U	1	U	1	U	5	U
Tetrachloroethene	1	U	1	U	1	U	1	U	1	U	5	U
Tetrahydrofuran	7	U	7	U	7	U	7	U	7	U	35	U
Toluene	1.5		1.5		1.2		0.54	L	1	U	5	U
Total Xylenes		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	1.4		1.4		0.89	L	1	U	0.86	L	5	U
trans-1,3-Dichloropropene	1	U	1	U	1	U	1	U	1	U	5	U
Trichloroethene	1	U	1	U	1	U	1	U	15		53	
Trichlorofluoromethane	1	U	1	U	1	U	1	U	1	U	5	U
Vinyl Acetate	6	U	6	U	6	U	6	U	6	U	30	U
Vinyl Chloride	17		17		14		3.5		1.9		5	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA
2-Chlorophenol		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
4-Nitroaniline		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA
Fluoranthene		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Phenol		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA
Aroclor-1248		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
gamma-Chlordane		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA
Total HpCDF		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GWDP08-071002		RM-GW219-13		RM-GW219-18		RM-GW220-11		RM-GW220-16		RM-GW220-21	
Sample Location	219		219		219		220		220		220	
Date Sampled	7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002		7/10/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. RM-GW219-13		RM-GW219-13		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Chromium		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane	44.8		13.9	L	1	U	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	13.6	L	8.8	L	20.4		1	U	1	U	1	U	1	U
1,1-Dichloroethene	24.1		20	U	1.9		1	U	1	U	1	U	1	U
1,1-Dichloropropene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	80	U	80	U	4	U	4	U	4	U	4	U	4	U
2-Chlorotoluene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	12	U	12	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
4-Chlorotoluene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	10	U	10	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acetone	23.8	B,J	40	U	3.5	B,J	6.6	B,J	1.7	B,J	3.2	B,J	6.3	B,J
Acrolein	200	U	200	U	10	U	10	U	10	U	10	U	10	U
Acrylonitrile	100	U	100	U	5	U	5	U	5	U	5	U	5	U
Benzene	20	U	20	U	1.1		1	U	1	U	1	U	1	U
Bromobenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Bromoform	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	60	U	60	U	3	U	3	U	3	U	3	U	3	U
Carbon Tetrachloride	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	17.1	L	20	U	26.5		1	U	1	U	1	U	1	U
Chloroethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Chloroform	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Chloromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	25.9		22.7		14.6		1	U	1	U	1	U	1	U
cis-1,3-Dichloropropene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Dibromomethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	60	U	60	U	3	U	3	U	3	U	3	U	3	U
Ethylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
m&p-Xylene	40	U	40	U	2	U	2	U	2	U	2	U	2	U
Methane		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Naphthalene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
N-Butylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
N-Propylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
p-Isopropyltoluene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Sec-Butylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Styrene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Tert-Butylbenzene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Tetrahydrofuran	140	U	140	U	7	U	7	U	7	U	7	U	7	U
Toluene	20	U	20	U	0.58	L	0.99	L	1	U	1.6		1	U
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	20	U	20	U	1.4		1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	539.9		595		5.4		1	U	1	U	1	U	1	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichlorofluoromethane	20	U	20	U	1	U	1	U	1	U	1	U	1	U
Vinyl Acetate	120	U	120	U	6	U	6	U	6	U	6	U	6	U
Vinyl Chloride	20	U	20	U	3.4		1	U	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Chlorophenol		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Fluoranthene		NA		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA		NA

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Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aroclor-1248		NA		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW220-31		RM-GW220-41		RM-GW220-51		RM-GW221-16		RM-GW221-21		RM-GW221-26		RM-GW221-53	
Sample Location	220		220		220		221		221		221		221	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/15/2002		7/15/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)														
1,1,1,2-Tetrachloroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,1-Trichloroethane	246.8		11.6		1.1		18.5		1.1		0.94	L	0.55	L
1,1,2,2-Tetrachloroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-Dichloroethane	46.3		2.3		1	U	5		22		16.7		7.8	
1,1-Dichloroethene	113.1		4.9		0.84	L	7.2		2.2		1.9		0.84	L
1,1-Dichloropropene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,3-Trichloropropane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-chloropropane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-Dichloropropane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane		NA		NA		NA		NA		NA		NA		NA
2,2-Dichloropropane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Butanone	40	U	4	U	4	U	4	U	4	U	4	U	4	U
2-Chlorotoluene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
2-Hexanone	6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
4-Chlorotoluene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
4-Methyl-2-Pentanone	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Acetone	12.8	B,J	2.2	B,J	2	B,J	1.3	B,J	2	B,J	2.6	B,J	2.1	B,J
Acrolein	100	U	10	U	10	U	10	U	10	U	10	U	10	U
Acrylonitrile	50	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	30	U	3	U	3	U	3	U	3	U	3	U	3	U
Carbon Tetrachloride	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloromethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
cis-1,2-Dichloroethene	71.3		3.7		1	U	7.1		6.2		1	U	1	U
cis-1,3-Dichloropropene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Cyclohexane		NA		NA		NA		NA		NA		NA		NA
Dibromochloromethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromomethane	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	10	U	1	U	1	U	1	U	1	U	0.6	L,J	1	U
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	30	U	3	U	3	U	3	U	3	U	3	U	3	U
Ethylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Hexachlorobutadiene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
m&p-Xylene	20	U	2	U	2	U	2	U	2	U	2	U	2	U
Methane		NA		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA		NA		NA		NA		NA		NA		NA
Methyl tert-Butyl Ether	10	U	1	U	1.2		1	U	1	U	1	U	1	U
Methylcyclohexane		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Naphthalene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
N-Butylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
N-Propylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
o-Xylene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
p-Isopropyltoluene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Sec-Butylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Styrene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Tert-Butylbenzene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethene	10	U	1	U	1	U	1	U	0.52	L	1	U	1	U
Tetrahydrofuran	70	U	7	U	7	U	7	U	7	U	7	U	7	U
Toluene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
trans-1,2-Dichloroethene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
trans-1,3-Dichloropropene	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethene	109.5		5.4		1.2		17.5		1	U	1	U	1	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichlorofluoromethane	10	U	1	U	1	U	1	U	1	U	0.9	L	0.51	L
Vinyl Acetate	60	U	6	U	6	U	6	U	6	U	6	U	6	U
Vinyl Chloride	10	U	1	U	1	U	1	U	1	U	1	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)														
Ethane		NA		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)														
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)														
1,1'-Biphenyl		NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)		NA		NA		NA		NA		NA		NA		NA
2,4,5-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4,6-Trichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dichlorophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dimethylphenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrophenol		NA		NA		NA		NA		NA		NA		NA
2,4-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2,6-Dinitrotoluene		NA		NA		NA		NA		NA		NA		NA
2-Chloronaphthalene		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Chlorophenol		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene		NA		NA		NA		NA		NA		NA		NA
2-Methylphenol		NA		NA		NA		NA		NA		NA		NA
2-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
2-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
3,3'-Dichlorobenzidine		NA		NA		NA		NA		NA		NA		NA
3-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4,6-Dinitro-2-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Bromophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Chloro-3-methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Chloroaniline		NA		NA		NA		NA		NA		NA		NA
4-Chlorophenyl-phenylether		NA		NA		NA		NA		NA		NA		NA
4-Methylphenol		NA		NA		NA		NA		NA		NA		NA
4-Nitroaniline		NA		NA		NA		NA		NA		NA		NA
4-Nitrophenol		NA		NA		NA		NA		NA		NA		NA
Acenaphthene		NA		NA		NA		NA		NA		NA		NA
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Acetophenone		NA		NA		NA		NA		NA		NA		NA
Anthracene		NA		NA		NA		NA		NA		NA		NA
Atrazine		NA		NA		NA		NA		NA		NA		NA
Benzaldehyde		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(g,h,i)perylene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethoxy)methane		NA		NA		NA		NA		NA		NA		NA
Bis(2-Chloroethyl)ether		NA		NA		NA		NA		NA		NA		NA
bis(2-Ethylhexyl)phthalate		NA		NA		NA		NA		NA		NA		NA
Butylbenzylphthalate		NA		NA		NA		NA		NA		NA		NA
Caprolactam		NA		NA		NA		NA		NA		NA		NA
Carbazole		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Dibenzofuran		NA		NA		NA		NA		NA		NA		NA
Diethylphthalate		NA		NA		NA		NA		NA		NA		NA
Dimethylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-Butylphthalate		NA		NA		NA		NA		NA		NA		NA
Di-n-octylphthalate		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Fluoranthene		NA		NA		NA		NA		NA		NA		NA
Fluorene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobenzene		NA		NA		NA		NA		NA		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA		NA
Hexachlorocyclopentadiene		NA		NA		NA		NA		NA		NA		NA
Hexachloroethane		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Isophorone		NA		NA		NA		NA		NA		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA		NA
Nitrobenzene		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-di-n-propylamine		NA		NA		NA		NA		NA		NA		NA
N-Nitroso-diphenylamine		NA		NA		NA		NA		NA		NA		NA
Pentachlorophenol		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Phenol		NA		NA		NA		NA		NA		NA		NA
Pyrene		NA		NA		NA		NA		NA		NA		NA
Total PAH		NA		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)														
Acenaphthylene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)anthracene		NA		NA		NA		NA		NA		NA		NA
Benzo(a)pyrene		NA		NA		NA		NA		NA		NA		NA
Benzo(b)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Benzo(k)fluoranthene		NA		NA		NA		NA		NA		NA		NA
Chrysene		NA		NA		NA		NA		NA		NA		NA
Dibenzo(a,h)anthracene		NA		NA		NA		NA		NA		NA		NA
Indeno(1,2,3-cd)pyrene		NA		NA		NA		NA		NA		NA		NA
Phenanthrene		NA		NA		NA		NA		NA		NA		NA
Pesticide/PCB Analysis (UG/L)														
4,4'-DDD		NA		NA		NA		NA		NA		NA		NA
4,4'-DDE		NA		NA		NA		NA		NA		NA		NA
4,4'-DDT		NA		NA		NA		NA		NA		NA		NA
Aldrin		NA		NA		NA		NA		NA		NA		NA
alpha-BHC		NA		NA		NA		NA		NA		NA		NA
alpha-Chlordane		NA		NA		NA		NA		NA		NA		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA		NA		NA		NA		NA		NA
Aroclor-1221		NA		NA		NA		NA		NA		NA		NA
Aroclor-1232		NA		NA		NA		NA		NA		NA		NA
Aroclor-1242		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aroclor-1248		NA		NA		NA		NA		NA		NA		NA
Aroclor-1254		NA		NA		NA		NA		NA		NA		NA
Aroclor-1260		NA		NA		NA		NA		NA		NA		NA
Aroclor-1262		NA		NA		NA		NA		NA		NA		NA
Aroclor-1268		NA		NA		NA		NA		NA		NA		NA
beta-BHC		NA		NA		NA		NA		NA		NA		NA
delta-BHC		NA		NA		NA		NA		NA		NA		NA
Dieldrin		NA		NA		NA		NA		NA		NA		NA
Endosulfan I		NA		NA		NA		NA		NA		NA		NA
Endosulfan II		NA		NA		NA		NA		NA		NA		NA
Endosulfan Sulfate		NA		NA		NA		NA		NA		NA		NA
Endrin		NA		NA		NA		NA		NA		NA		NA
Endrin Aldehyde		NA		NA		NA		NA		NA		NA		NA
Endrin Ketone		NA		NA		NA		NA		NA		NA		NA
gamma-BHC		NA		NA		NA		NA		NA		NA		NA
gamma-Chlordane		NA		NA		NA		NA		NA		NA		NA
Heptachlor		NA		NA		NA		NA		NA		NA		NA
Heptachlor Epoxide		NA		NA		NA		NA		NA		NA		NA
Methoxychlor		NA		NA		NA		NA		NA		NA		NA
Toxaphene		NA		NA		NA		NA		NA		NA		NA
Dioxin Analysis (PG/L)														
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Total HpCDF		NA		NA		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)														
Aluminum		NA		NA		NA		NA		NA		NA		NA
Antimony		NA		NA		NA		NA		NA		NA		NA
Arsenic		NA		NA		NA		NA		NA		NA		NA
Barium		NA		NA		NA		NA		NA		NA		NA
Beryllium		NA		NA		NA		NA		NA		NA		NA
Cadmium		NA		NA		NA		NA		NA		NA		NA
Calcium		NA		NA		NA		NA		NA		NA		NA
Chromium		NA		NA		NA		NA		NA		NA		NA
Cobalt		NA		NA		NA		NA		NA		NA		NA
Copper		NA		NA		NA		NA		NA		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA		NA
Iron		NA		NA		NA		NA		NA		NA		NA
Lead		NA		NA		NA		NA		NA		NA		NA
Magnesium		NA		NA		NA		NA		NA		NA		NA
Manganese		NA		NA		NA		NA		NA		NA		NA
Mercury		NA		NA		NA		NA		NA		NA		NA
Nickel		NA		NA		NA		NA		NA		NA		NA
Potassium		NA		NA		NA		NA		NA		NA		NA
Selenium		NA		NA		NA		NA		NA		NA		NA
Silver		NA		NA		NA		NA		NA		NA		NA
Sodium		NA		NA		NA		NA		NA		NA		NA
Thallium		NA		NA		NA		NA		NA		NA		NA
Vanadium		NA		NA		NA		NA		NA		NA		NA
Zinc		NA		NA		NA		NA		NA		NA		NA
Wet Chemistry Analysis														
Alkalinity		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	RM-GW223-42		RM-GW223-32		RM-GW223-22		RM-GW223-27		RM-GW225-17		RM-GW225-12		RM-GW225-07	
Sample Location	223		223		223		223		225		225		225	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrate		NA		NA		NA		NA		NA		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA		NA

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	25		16		150		120		130		120	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	27		25		130		140		140		130	
1,1-Dichloroethene	21		16		110	J	120		120		120	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U	10	U	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	15			NA	34			NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U	10	U	10	U
1,4-Dioxane		NA	100	UJ		NA		NA	100	UJ	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	3		10	U	1	J
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	5	J	9	J	10	U	3		3	J	3	J
Chloroethane	10	U	10	U	10	U	6		6	J	6	J
Chloroform	4	J	10	U	10	U	2		2	J	2	J
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene		NA	16			NA	53		54		52	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	UJ	10	UJ	10	UJ
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U	10	U	10	U
Methyl tert-Butyl Ether		NA	120			NA	84		85		82	
Methylcyclohexane		NA	10	U		NA	10	U	10	U	10	U
Methylene Chloride	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	11		13		10	U	2		2	J	2	J
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	81		2	J	2	J	4		10	U	3	J
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	60		76		28		62		66		59	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Trichlorofluoromethane		NA	10	UJ		NA	10	UJ	10	UJ	10	UJ
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	0.6	J	10	U	2		2		2	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	2.0	U	10.0	U	2.0	U	10.0	U	10.0	U	10.0	U
Ethene	3.0	U	10.0	U	3.0	U	10.0	U	10.0	U	10.0	U
Methane	4.0	UJ	5.0	U	1.0	U	32.0		32.0		32.0	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U	10	U	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	UJ	10	U	10	UJ	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	UJ	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U	10	U	10	U
Benzaldehyde		NA	10	UJ		NA	10	UJ	10	UJ	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	65	*		NA	4		5	J	4	J
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	0.7	J	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	UJ	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Chrysene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Phenanthrene		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.0077	J	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.0021	J	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.00060	J	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	UJ	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	5.1	J		NA	1.5		1.1	U	2.5	J
1,2,3,4,6,7,8-HpCDF		NA	1.9	J		NA	1.0		0.60	U	1.7	J
1,2,3,4,7,8,9-HpCDF		NA	0.50	U		NA	0.82		0.70	U	1.3	EMPC
1,2,3,4,7,8-HxCDD		NA	0.60	U		NA	1.0		0.60	U	1.7	J
1,2,3,4,7,8-HxCDF		NA	1.2	U		NA	0.88	UEMPC	0.88	UEMPC	2.2	U
1,2,3,6,7,8-HxCDD		NA	0.60	U		NA	0.92		0.70	U	1.5	J
1,2,3,6,7,8-HxCDF		NA	0.30	U		NA	0.95		0.40	U	1.7	J
1,2,3,7,8,9-HxCDD		NA	0.50	U		NA	1.2		0.60	U	2.0	J
1,2,3,7,8,9-HxCDF		NA	0.40	U		NA	1.2		0.50	U	2.2	J
1,2,3,7,8-PeCDD		NA	0.60	U		NA	1.1		0.80	U	1.7	J
1,2,3,7,8-PeCDF		NA	0.30	U		NA	1.0		0.40	U	1.8	EMPC
2,3,4,6,7,8-HxCDF		NA	0.30	U		NA	0.82		0.50	U	1.4	EMPC
2,3,4,7,8-PeCDF		NA	0.87	J		NA	0.88		0.50	U	1.5	J
2,3,7,8-TCDD		NA	0.50	U		NA	0.70	U	0.70	U	0.30	U
2,3,7,8-TCDF		NA	1.0	J		NA	0.68		0.50	U	1.1	J
OCDD		NA	50.1	J		NA	7.2	U	7.2	U	16.2	U
OCDF		NA	3.5	U		NA	1.1	U	1.1	U	2.9	UEMPC
Total HpCDD		NA	10.8	J		NA	2.6		1.1	UJ	4.7	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Total HpCDF		NA	1.9	J		NA	1.6		0.60	UJ	3.0	EMPC
Total HxCDD		NA	0.60	UJ		NA	0.70	UJ	0.70	UJ	5.2	UJ
Total HxCDF		NA	4.1	UEMPC		NA	0.88	UEMPC	0.88	UEMPC	6.2	UJ
Total PeCDD		NA	0.60	UJ		NA	1.1		0.80	UJ	1.7	J
Total PeCDF		NA	7.5	EMPC		NA	1.8		0.40	UJ	3.4	EMPC
Total TCDD		NA	0.50	UJ		NA	0.70	UJ	0.70	UJ	0.30	UJ
Total TCDF		NA	21.1	EMPC		NA	0.68		0.50	UJ	1.1	J
Toxicity Equivalency		NA	0.61	J		NA	1.9		0.00	UJ	3.8	J
TAL Metal Analysis (UG/L)												
Aluminum	83.2	U	10.1	U	41.8	U	10.1	U	10.1	U	10.1	U
Antimony	3.5	UJ	3.5	U	3.5	UJ	3.5	U	3.5	U	3.5	U
Arsenic	3.7	U	2.3	U	3.7	U	2.3	U	2.3	U	2.3	U
Barium	66.5	J	68.2	J	26.4		55.2		56.6		53.8	
Beryllium	0.30	UJ	1.1	U	0.30	U	1.1	U	1.1	U	1.1	U
Cadmium	0.30	UJ	0.50	UJ	0.30	U	0.96	UJ	0.96	UJ	0.50	UJ
Calcium	288000		361000		53600		101000		105000		96700	
Chromium	1.8		3.3	U	0.70	J	2.1	U	2.1	U	0.50	U
Cobalt		R	1.4	U	5.7		0.84	U	0.84	U	0.70	U
Copper	26.2	J	0.80	UJ	25.7	J	0.80	UJ	0.80	UJ	0.80	UJ
Cyanide		NA	2.9	UJ		NA	2.8	UJ	2.8	UJ		NA
Iron	649		19.5	U	260		19.5	U	19.5	U	19.5	U
Lead	9.8	U	1.5	U	12.4	U	1.5	U	1.5	U	1.5	UJ
Magnesium	108000		143000	J	21700		27600		28900		26300	
Manganese	1310		694		479		2800		2900		2700	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel		R	5.7		3.1	U	1.8		2.7	J	1.7	U
Potassium	18800		18800	J	5900		9810		10200	J	9420	J
Selenium	3.1	U	2.2	UJ	3.1	U	2.2	UJ	2.2	UJ	2.2	UJ
Silver	0.70	UJ	0.80	UJ	0.70	U	0.80	UJ	0.80	UJ	0.80	UJ
Sodium	323000		436000		55200		119000		126000		112000	J
Thallium	4.9	U	4.0	UJ	4.9	U	4.0	U	4.0	U	4.0	U
Vanadium	1.4	UJ	1.0	J	1.4	U	0.80	U	0.80	U	0.80	U
Zinc	60.1	J	29.1	UJ	45.4	J	10.8	UJ	10.8	UJ	7.9	UJ
Wet Chemistry Analysis												
Alkalinity	145		126		75.3		125		128	J	122	
Carbon Dioxide	43.9		167	J	102		237		260	J	214	J
Carbon Dioxide, Free	43.9			NA	102			NA		NA		NA
Chloride	811		1130		99.4		227		224	J	230	
Ferrous Iron	0.12		0.11	J	0.050		0.030	UJ	0.030	UJ	0.030	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301B-01		OU2-MW-301B-07		OU2-MW-301D-01		OU2-MW-301D-07-AVG		OU2-MW-301D-07		OU2-MW-DUP18-07	
Sample Location	MW-301B		MW-301B		MW-301D		MW-301D		MW-301D		MW-301D	
Date Sampled	1/19/1999		1/15/2003		1/19/1999		1/15/2003		1/15/2003		1/15/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07		Field Dup. OU2-MW-301D-07	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Overburden	
Nitrate	0.22		0.155	J	5.3		1.4		1.32	J	1.42	J
Nitrate-Nitrite (as N)	0.27			NA	5.3			NA		NA		NA
Nitrite-N	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	UJ	0.050	UJ
Sulfate	443		421		103		181		179		182	
Sulfide	0.050	U	0.56		0.050	U	0.42		0.50	U	0.60	
Total Organic Carbon		NA	6.42			NA	8.7		8.37		8.99	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	1000		220		520		760	
1,1,2,2-Tetrachloroethane	10	U	10	U	100	U	10	U	500	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	100	U	10	U	500	U	11	
1,1-Dichloroethane	10	U	4	J	440		90		750		970	
1,1-Dichloroethene	10	U	3		550	J	210		420		700	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	100	U	10	U	500	U	10	
1,2-Dichloroethene (total)	10	U		NA	550			NA	1500			NA
1,2-Dichloropropane	10	U	10	U	100	U	10	U	500	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dioxane		NA	100	UJ		NA	67	J		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	UJ	100	UJ	10	U	500	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	UJ	100	U	10	U	500	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	100	U	10	U	500	U	10	U
Acetone	10	U	10	UJ	100	UJ	10	UJ	500	U	10	UJ
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	100	U	10	U	500	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	100	U	10	U	500	U	10	U
Bromoform	10	U	10	U	100	U	10	U	500	U	10	U
Bromomethane	10	U	10	U	100	U	10	U	500	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	100	U	10	U	500	U	10	U
Carbon Tetrachloride	10	U	10	U	100	U	10	U	500	U	10	U
Chlorobenzene	10	U	10	U	100	U	10	U	500	U	10	U
Chloroethane	10	U	10	U	100	UJ	10	U	500	U	8	
Chloroform	10	U	1	J	18	J	10	U	500	U	8	
Chloromethane	10	U	10	U	100	U	10	U	500	U	10	U
cis-1,2-Dichloroethene		NA	2	J		NA	160			NA	1800	
cis-1,3-Dichloropropene	10	U	10	U	100	U	10	U	500	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	100	U	10	U	500	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	U		NA	10	U
Ethane		NA		NA		NA		NA	2	U		NA
Ethene		NA		NA		NA		NA	3	U		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	100	U	10	U	500	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA	1.75	U		NA
Methyl Acetate		NA	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether		NA	10	U		NA	7	J		NA	10	U
Methylcyclohexane		NA	10	UJ		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	UJ	51	J	10	UJ	500	U	10	UJ
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	11	J	10	U	500	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	100	U	8	J	500	U	20	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	100	U	10	U	500	U	10	U
Total Xylenes	10	U	10	U	100	U	10	U	500	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA	3	
trans-1,3-Dichloropropene	10	U	10	U	100	U	10	U	500	U	10	U
Trichloroethene	7	J	10	U	1500		1200	*	5350		6400	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Trichlorofluoromethane		NA	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	1	U	100	U	4		500	U	3	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	2.0	U	10.0	U	2.0	U	10.0	U		NA	10.0	U
Ethene	3.0	U	10.0	U	3.0	U	10.0	U		NA	10.0	U
Methane	1.0	U	5.0	U	2.4	UJ	9.5			NA	5.0	U
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	UJ	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	UJ	25	UJ	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	UJ	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	UJ	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	UJ	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U		NA	10	U
Benzaldehyde		NA	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	12			NA	10	U		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	UJ	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene		NA	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U		NA
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U		NA
Aroclor-1262	1.0	U	0.28	U	1.0	U	0.28	U	1.0	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Dieldrin	0.050	U	0.050	U	0.10	U	0.050	U	0.10	U		NA
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endosulfan Sulfate	0.0037	J	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U		NA
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U		NA
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	3.0	J		NA	6.2	U		NA	4.8	U
1,2,3,4,6,7,8-HpCDF		NA	2.0	J		NA	3.7	U		NA	2.6	U
1,2,3,4,7,8,9-HpCDF		NA	1.7	EMPC		NA	4.6	U		NA	3.3	U
1,2,3,4,7,8-HxCDD		NA	1.7	J		NA	4.0	U		NA	3.0	U
1,2,3,4,7,8-HxCDF		NA	2.4	U		NA	2.6	U		NA	1.9	U
1,2,3,6,7,8-HxCDD		NA	1.5	EMPC		NA	4.0	U		NA	3.0	U
1,2,3,6,7,8-HxCDF		NA	1.9	J		NA	2.5	U		NA	1.8	U
1,2,3,7,8,9-HxCDD		NA	2.0	J		NA	3.9	U		NA	2.9	U
1,2,3,7,8,9-HxCDF		NA	2.0	EMPC		NA	3.3	U		NA	2.2	U
1,2,3,7,8-PeCDD		NA	2.3	EMPC		NA	3.7	U		NA	2.2	U
1,2,3,7,8-PeCDF		NA	3.2	J		NA	2.5	U		NA	1.5	U
2,3,4,6,7,8-HxCDF		NA	2.1	J		NA	2.7	U		NA	2.0	U
2,3,4,7,8-PeCDF		NA	2.1	J		NA	2.6	U		NA	1.6	U
2,3,7,8-TCDD		NA	1.7	J		NA	3.7	U		NA	2.8	U
2,3,7,8-TCDF		NA	2.1	J		NA	3.0	U		NA	2.0	U
OCDD		NA	26.5	J		NA	9.3	U		NA	6.4	U
OCDF		NA	4.5	U		NA	6.7	U		NA	5.1	U
Total HpCDD		NA	3.0	J		NA	6.2	UJ		NA	4.8	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Total HpCDF		NA	3.8	EMPC		NA	4.1	UJ		NA	2.9	UJ
Total HxCDD		NA	5.2	UEMPC		NA	3.9	UJ		NA	3.0	UJ
Total HxCDF		NA	6.4	UJ		NA	2.8	UJ		NA	2.0	UJ
Total PeCDD		NA	2.3	EMPC		NA	3.7	UJ		NA	2.2	UJ
Total PeCDF		NA	5.2	J		NA	2.6	UJ		NA	1.5	UJ
Total TCDD		NA	1.7	J		NA	3.7	UJ		NA	2.8	UJ
Total TCDF		NA	2.1	J		NA	3.0	UJ		NA	2.0	UJ
Toxicity Equivalency		NA	6.6	J		NA	0.00	U		NA	0.00	U
TAL Metal Analysis (UG/L)												
Aluminum	71.2	U	10.1	U	607		150	U	79.55	U		NA
Antimony	3.5	UJ	3.5	U	3.5	UJ	2.3	U	3.5	U		NA
Arsenic	3.7	U	2.3	U	3.7	U	4.8	U	3.7	U		NA
Barium	75.7		84.1		35.1		53.0	J	40.55			NA
Beryllium	0.30	U	1.1	U	0.30	U	0.10	U	0.30	U		NA
Cadmium	0.30	U	0.50	U	0.30	U	0.30	U	0.30	U		NA
Calcium	25100		32500		83800		314000		44350			NA
Chromium	0.82	J	0.50	U	3.4		0.60	U	0.635			NA
Cobalt	2.9	J	0.70	U	7.0		1.0	U	7.85			NA
Copper	21.5	UJ	0.80	UJ	36.6	J		R	30.5			NA
Cyanide		NA	2.7	UJ		NA		NA		NA		NA
Iron	133		19.5	U	1630		74.9	U	189.5			NA
Lead	11.1	U	1.5	U	14.0		2.2	UJ	9.5	U		NA
Magnesium	4830		5340	J	48000		119000		39200			NA
Manganese	36.4		12.7	J	725		188	J	68.35			NA
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Nickel	3.1	U	1.7	U	13.2		2.4		3.1	U		NA
Potassium	5070		4190	J	9540		19800	J	4405			NA
Selenium	3.1	U	2.2	UJ	3.1	U	4.8	U	3.1	U		NA
Silver	0.70	U	0.80	UJ	0.70	U	0.60	UJ	0.70	U		NA
Sodium	39100		29200		194000		715000		70200			NA
Thallium	4.9	U	4.0	U	6.8	J	4.7	U	3.775			NA
Vanadium	1.4	U	0.80	U	1.4	U	0.50	U	1.4	U		NA
Zinc	83.6	J	35.2	UJ	129	J		R	64.95			NA
Wet Chemistry Analysis												
Alkalinity	17.5		26.0	J	101		110	J	110.2		98.0	
Carbon Dioxide	46.1		88.3	J	59.6		108	J	47.6		151	
Carbon Dioxide, Free	46.1			NA	59.6			NA	47.6			NA
Chloride	69.9		46.4	J	301		1210		92.45		119	
Ferrous Iron		NA	0.030	UJ	0.12		0.030		0.010		0.030	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-301S-01		OU2-MW-301S-07		OU2-MW-302B-01		OU2-MW-302B-07		OU2-MW-302D-01-AVG		OU2-MW-302D-07-AVG	
Sample Location	MW-301S		MW-301S		MW-302B		MW-302B		MW-302D		MW-302D	
Date Sampled	1/22/1999		1/15/2003		1/20/1999		1/9/2003		1/20/1999		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-302D-01		Field Dup. OU2-MW-302D-07	
Zone	Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden	
Nitrate	11.2		13.2	J	2.8		1.02		4.55		4.3	
Nitrate-Nitrite (as N)	11.3			NA	2.9			NA	4.55			NA
Nitrite-N	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
Sulfate	28.0		25.0		189		239		158.5		156	
Sulfide	0.050	U	0.50	U	0.050	U	0.50	UJ	0.050	U	0.50	U
Total Organic Carbon		NA	3.29			NA	4.58			NA	7.6	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	820	*	690	*	190		74			NA		NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA	10	U		NA		NA
1,1,2-Trichloroethane	11		10		10	U	10	U		NA		NA
1,1-Dichloroethane	1000	*	940	*	48		16			NA		NA
1,1-Dichloroethene	730	*	660	*	32	J	43			NA		NA
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U		NA		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA	10	U		NA		NA
1,2-Dibromoethane	10	U	10	U		NA	10	U		NA		NA
1,2-Dichlorobenzene	10	U	10	U		NA	10	U		NA		NA
1,2-Dichloroethane	10		10		10	U	10	U		NA		NA
1,2-Dichloroethene (total)		NA		NA	58			NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA		NA
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA	10	U		NA		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA	10	U		NA		NA
1,4-Dioxane	1200	J	1200	J		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	UJ	10	U		NA		NA
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U		NA		NA
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U		NA		NA
Acetone	10	UJ	10	UJ	10	UJ	10	U		NA		NA
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U		NA		NA
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U		NA		NA
Bromoform	10	U	10	U	10	U	10	U		NA		NA
Bromomethane	10	U	10	U	10	U	10	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U		NA		NA
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA		NA
Chlorobenzene	10	U	10	U	10	U	10	U		NA		NA
Chloroethane	8	J	8	J	10	UJ	10	U		NA		NA
Chloroform	8	J	8	J	3	J	2	J		NA		NA
Chloromethane	10	U	10	U	10	U	10	U		NA		NA
cis-1,2-Dichloroethene	1800	*	1700	*		NA	24			NA		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA		NA
Cyclohexane	10	U	10	U		NA	10	U		NA		NA
Dibromochloromethane	10	U	10	U	10	U	10	U		NA		NA
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U	10	U		NA	10	UJ		NA		NA
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	2	J	10	U		NA		NA
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA	10	U		NA		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U		NA	10	U		NA		NA
Methyl tert-Butyl Ether	10	U	10	U		NA	10	U		NA		NA
Methylcyclohexane	10	U	10	U		NA	10	U		NA		NA
Methylene Chloride	10	UJ	10	UJ	6	J	10	UJ		NA		NA
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U		NA		NA
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	20		19		10	U	10	U		NA		NA
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U		NA		NA
Total Xylenes	10	U	10	U	14		10	U		NA		NA
trans-1,2-Dichloroethene	3	J	3	J		NA	10	U		NA		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA		NA
Trichloroethene	6600	*	6100	*	120		59			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichlorofluoromethane	10	U	10	U		NA	10	UJ		NA		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	3		3		10	U	1	U		NA		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U	10.0	U	2.0	U	10.0	U		NA		NA
Ethene	10.0	U	10.0	U	3.0	U	10.0	U		NA		NA
Methane	5.0	U	5.0	U	1.0	U	5.0	U		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA	35		1	U
1,1-Dichloroethane		NA		NA		NA		NA		NA	1	U
1,1-Dichloroethene		NA		NA		NA		NA	13		1	U
1,2-Dichloroethane		NA		NA		NA		NA		NA	1	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	1	U
Benzene		NA		NA		NA		NA	0.5	U	1	U
Chlorobenzene		NA		NA		NA		NA	5	U	1	U
cis-1,2-Dichloroethene		NA		NA		NA		NA	13			NA
Ethylbenzene		NA		NA		NA		NA		NA	1	U
Methylene Chloride		NA		NA		NA		NA		NA	1	U
Tetrachloroethene		NA		NA		NA		NA	0.5	U	1	U
Toluene		NA		NA		NA		NA	1	U	1	U
Total Xylenes		NA		NA		NA		NA		NA	1	U
Trichloroethene		NA		NA		NA		NA	29		1	U
Vinyl Chloride		NA		NA		NA		NA	0.1	U	1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA	10	U		NA		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U		NA		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U		NA		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dichlorophenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dimethylphenol	10	U	10	U	10	U	10	U		NA		NA
2,4-Dinitrophenol	25	U	25	U	25	U	25	U		NA		NA
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U		NA		NA
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U		NA		NA
2-Chloronaphthalene	10	U	10	U	10	U	10	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U		NA		NA
2-Methylnaphthalene	10	U	10	U	10	U	10	U		NA		NA
2-Methylphenol	10	U	10	U	10	U	10	U		NA		NA
2-Nitroaniline	25	U	25	U	25	U	25	U		NA		NA
2-Nitrophenol	10	U	10	U	10	U	10	U		NA		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U		NA		NA
3-Nitroaniline	25	U	25	U	25	U	25	U		NA		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U		NA		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U		NA		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U		NA		NA
4-Chloroaniline	10	UJ	10	UJ	10	U	10	UJ		NA		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U		NA		NA
4-Methylphenol	10	U	10	U	10	UJ	10	U		NA		NA
4-Nitroaniline	25	U	25	U	25	U	25	U		NA		NA
4-Nitrophenol	25	U	25	U	25	U	25	U		NA		NA
Acenaphthene	10	U	10	U	10	U	10	U		NA		NA
Acenaphthylene	10	U	10	U	10	U	10	U		NA		NA
Acetophenone	10	U	10	U		NA	10	U		NA		NA
Anthracene	10	U	10	U	10	U	10	U		NA		NA
Atrazine	10	U	10	U		NA	10	U		NA		NA
Benzaldehyde	10	UJ	10	UJ		NA	10	UJ		NA		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U		NA		NA
Benzo(a)pyrene	10	U	10	U	10	U	10	U		NA		NA
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U		NA		NA
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U		NA		NA
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U		NA		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U		NA		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U		NA		NA
Butylbenzylphthalate	10	U	10	U	10	U	10	U		NA		NA
Caprolactam	10	U	10	U		NA	10	U		NA		NA
Carbazole	10	U	10	U	10	U	10	U		NA		NA
Chrysene	10	U	10	U	10	U	10	U		NA		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U		NA		NA
Dibenzofuran	10	U	10	U	10	U	10	U		NA		NA
Diethylphthalate	10	U	10	U	10	U	10	U		NA		NA
Dimethylphthalate	10	U	10	U	10	U	10	U		NA		NA
Di-n-Butylphthalate	10	U	10	U	10	U	10	U		NA		NA
Di-n-octylphthalate	10	U	10	U	10	U	10	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Fluoranthene	10	U	10	U	10	U	10	U		NA		NA
Fluorene	10	U	10	U	10	U	10	U		NA		NA
Hexachlorobenzene	10	U	10	U	10	U	10	U		NA		NA
Hexachlorobutadiene	10	U	10	U	10	U	10	U		NA		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U		NA		NA
Hexachloroethane	10	U	10	U	10	U	10	U		NA		NA
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U		NA		NA
Isophorone	10	U	10	U	10	U	10	U		NA		NA
Naphthalene	10	U	10	U	10	U	10	U		NA		NA
Nitrobenzene	10	U	10	U	10	U	10	U		NA		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U		NA		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U		NA		NA
Pentachlorophenol	25	U	25	U	25	U	25	U		NA		NA
Phenanthrene	10	U	10	U	10	U	10	U		NA		NA
Phenol	10	U	10	U	10	U	10	U		NA		NA
Pyrene	10	U	10	U	10	U	10	U		NA		NA
Total PAH		NA		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Benzo(a)anthracene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Benzo(a)pyrene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Benzo(b)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Benzo(k)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Chrysene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Phenanthrene	0.20	U	0.20	U		NA	0.20	U		NA		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA	0.10	U	2.0	U	0.10	U		NA		NA
4,4'-DDE		NA	0.10	U	2.0	U	0.10	U		NA		NA
4,4'-DDT		NA	0.10	U	2.0	U	0.10	U		NA		NA
Aldrin		NA	0.050	U	1.0	U	0.050	U		NA		NA
alpha-BHC		NA	0.050	U	1.0	U	0.050	U		NA		NA
alpha-Chlordane		NA	0.050	U	1.0	U	0.050	U		NA		NA
Aroclor, Total		NA		NA	22	U		NA		NA		NA
Aroclor-1016		NA	1.0	U	20	U	1.0	U		NA		NA
Aroclor-1221		NA	0.25	U	40	U	0.25	U		NA		NA
Aroclor-1232		NA	1.0	U	20	U	1.0	U		NA		NA
Aroclor-1242		NA	1.0	U	20	U	1.0	U		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aroclor-1248		NA	1.0	U	20	U	1.0	U		NA		NA
Aroclor-1254		NA	0.25	U	20	U	0.25	U		NA		NA
Aroclor-1260		NA	0.25	U	20	U	0.25	U		NA		NA
Aroclor-1262		NA	0.28	U	20	U	0.28	U		NA		NA
Aroclor-1268		NA	1.0	U	20	U	1.0	U		NA		NA
beta-BHC		NA	0.050	U	1.0	U	0.050	U		NA		NA
delta-BHC		NA	0.050	U	1.0	U	0.050	U		NA		NA
Dieldrin		NA	0.050	U	0.23	J	0.25			NA		NA
Endosulfan I		NA	0.050	U	1.0	U	0.050	U		NA		NA
Endosulfan II		NA	0.10	U	2.0	U	0.10	U		NA		NA
Endosulfan Sulfate		NA	0.10	U	2.0	U	0.10	U		NA		NA
Endrin		NA	0.050	U	2.0	U	0.050	U		NA		NA
Endrin Aldehyde		NA	0.10	U	2.0	U	0.10	U		NA		NA
Endrin Ketone		NA	0.10	U	2.0	U	0.10	U		NA		NA
gamma-BHC		NA	0.050	U	1.0	U	0.050	U		NA		NA
gamma-Chlordane		NA	0.050	U	1.0	U	0.050	U		NA		NA
Heptachlor		NA	0.020	U	1.0	U	0.020	U		NA		NA
Heptachlor Epoxide		NA	0.020	U	0.050	U	0.055			NA		NA
Methoxychlor		NA	0.50	U	10	U	0.50	U		NA		NA
Toxaphene		NA	5.0	U	100	U	5.0	U		NA		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	4.8	U	5.4	U		NA	4.7	U		NA		NA
1,2,3,4,6,7,8-HpCDF	2.6	U	3.1	U		NA	2.6	U		NA		NA
1,2,3,4,7,8,9-HpCDF	3.3	U	3.9	U		NA	3.3	U		NA		NA
1,2,3,4,7,8-HxCDD	3.0	U	3.2	U		NA	2.8	U		NA		NA
1,2,3,4,7,8-HxCDF	1.9	U	2.1	U		NA	1.8	U		NA		NA
1,2,3,6,7,8-HxCDD	3.0	U	3.2	U		NA	2.8	U		NA		NA
1,2,3,6,7,8-HxCDF	1.8	U	2.1	U		NA	1.7	U		NA		NA
1,2,3,7,8,9-HxCDD	2.9	U	3.1	U		NA	2.7	U		NA		NA
1,2,3,7,8,9-HxCDF	2.2	U	2.7	U		NA	2.3	U		NA		NA
1,2,3,7,8-PeCDD	2.2	U	3.6	U		NA	2.7	U		NA		NA
1,2,3,7,8-PeCDF	1.5	U	2.4	U		NA	1.7	U		NA		NA
2,3,4,6,7,8-HxCDF	2.0	U	2.2	U		NA	1.9	U		NA		NA
2,3,4,7,8-PeCDF	1.6	U	2.5	U		NA	1.8	U		NA		NA
2,3,7,8-TCDD	2.8	U	3.2	U		NA	2.7	U		NA		NA
2,3,7,8-TCDF	2.0	U	2.5	U		NA	2.0	U		NA		NA
OCDD	6.4	U	8.6	U		NA	7.8	U		NA		NA
OCDF	5.1	U	6.2	U		NA	5.6	U		NA		NA
Total HpCDD	4.8	UJ	5.4	UJ		NA	4.7	UJ		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Total HpCDF	2.9	UJ	3.5	UJ		NA	2.9	UJ		NA		NA
Total HxCDD	3.0	UJ	3.1	UJ		NA	2.8	UJ		NA		NA
Total HxCDF	2.0	UJ	2.2	UJ		NA	1.9	UJ		NA		NA
Total PeCDD	2.2	UJ	3.6	UJ		NA	2.7	UJ		NA		NA
Total PeCDF	1.5	UJ	2.4	UJ		NA	1.8	UJ		NA		NA
Total TCDD	2.8	UJ	3.2	UJ		NA	2.7	UJ		NA		NA
Total TCDF	2.0	UJ	2.5	UJ		NA	16.6	EMPC		NA		NA
Toxicity Equivalency	0.00	U	0.00	U		NA	0.00	U		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	104	U	56.0	U	49.4	U	57.7	U		NA		NA
Antimony	2.3	U	2.3	U	3.5	UJ	2.3	U		NA		NA
Arsenic	4.8	U	4.8	U	3.7	U	4.8	U		NA		NA
Barium	30.6		30.0		53.8		37.9			NA		NA
Beryllium	0.10	U	0.10	U	0.30	U	0.10	U		NA		NA
Cadmium	0.30	U	0.30	U	0.30	U	0.30	U		NA		NA
Calcium	46500		46300		17800		15200			NA		NA
Chromium	0.60	U	0.60	U	2.8		0.60	U		NA		NA
Cobalt	3.4	U	2.5	U	6.7		1.0	U		NA		NA
Copper	0.60	U	0.60	U	24.6	J	0.60	U		NA		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	31.8	UJ	18.7	U	216		18.7	U		NA		NA
Lead	2.2	UJ	2.2	UJ	11.9	U	2.2	UJ		NA		NA
Magnesium	45300		45000		6820		5580			NA		NA
Manganese	109		110		28.8		2.1	U		NA		NA
Mercury	0.10	U	0.10	U	0.10	U	0.10	U		NA		NA
Nickel	2.4		2.8		5.7	J	1.1	U		NA		NA
Potassium	3530	J	3540	J	3310		2380	J		NA		NA
Selenium	4.8	U	4.8	U	3.1	U	4.8	U		NA		NA
Silver	0.60	U	0.60	U	0.70	U	0.60	U		NA		NA
Sodium	73700		74100		27900		32100			NA		NA
Thallium	4.7	U	4.7	U	4.9	U	4.7	U		NA		NA
Vanadium	0.50	U	0.50	U	1.4	U	0.50	U		NA		NA
Zinc	2.1	UJ	3.7	U	99.1	J	10.2			NA		NA
Wet Chemistry Analysis												
Alkalinity	100	J	96.0	J	28.7		24.0	J		NA		NA
Carbon Dioxide	144	J	157	J	22.8		36.3	J		NA		NA
Carbon Dioxide, Free		NA		NA	22.8			NA		NA		NA
Chloride	118	J	120	J	38.7		30.4			NA		NA
Ferrous Iron	0.030	U	0.030	U	0.040		0.030	U		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-302D-07		OU2-MW-DUP13-07		OU2-MW-302S-01		OU2-MW-302S-07		OU2-GW-302S-07		OU2-GW-303-01	
Sample Location	MW-302D		MW-302D		MW-302S		MW-302S		MW-302S		GW-303	
Date Sampled	1/9/2003		1/9/2003		1/22/1999		1/9/2003		1/9/2003		1/28/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-302D-07		Field Dup. OU2-MW-302D-07		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrate	4.19		4.34		7.1		7.34			NA		NA
Nitrate-Nitrite (as N)		NA		NA	7.2			NA		NA		NA
Nitrite-N	0.050	U	0.050	U	0.050	U	0.050	UJ		NA		NA
Sulfate	159		154		27.1		24.4			NA		NA
Sulfide	0.50	U	0.50	U	0.050	U	0.50	UJ		NA		NA
Total Organic Carbon	7.55		7.55			NA	2.89			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA	50	U	50	U		NA	
1,1,1-Trichloroethane	10	U	10	U	130		50	U	110		170
1,1,2,2-Tetrachloroethane	10	U	10	U	50	U	50	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U	50	U	50	U		NA	10
1,1,2-Trichloroethane	10	U	10	U	50	U	50	U	10	U	3
1,1-Dichloroethane	10	U	10	U	68		1100		110		83
1,1-Dichloroethene	10	U	10	U	210		50	U	110	J	290
1,1-Dichloropropene		NA		NA	50	U	50	U		NA	
1,2,3-Trichlorobenzene		NA		NA	50	U	50	U		NA	
1,2,3-Trichloropropane		NA		NA	50	U	50	U		NA	
1,2,4-Trichlorobenzene		NA	10	U	50	U	50	U		NA	10
1,2,4-Trimethylbenzene		NA		NA	50	U	50	U		NA	
1,2-Dibromo-3-chloropropane		NA	10	U	50	U	50	U		NA	10
1,2-Dibromoethane		NA	10	U	50	U	50	U		NA	10
1,2-Dichlorobenzene		NA	10	U	50	U	50	U		NA	10
1,2-Dichloroethane	10	U	10	U	50	U	50	U	10	U	10
1,2-Dichloroethene (total)	10	U		NA		NA		NA	460	*	
1,2-Dichloropropane	10	U	10	U	50	U	50	U	10	U	10
1,3,5-Trimethylbenzene		NA		NA	50	U	50	U		NA	
1,3-Dichlorobenzene		NA	10	U	50	U	50	U		NA	10
1,3-Dichloropropane		NA		NA	50	U	50	U		NA	
1,4-Dichlorobenzene		NA	10	U	50	U	50	U		NA	10
1,4-Dioxane		NA	100	UJ		NA		NA		NA	410
2,2-Dichloropropane		NA		NA	50	U	50	U		NA	
2-Butanone	10	U	10	U	200	U	200	U	10	UJ	10
2-Chlorotoluene		NA		NA	50	U	50	U		NA	
2-Hexanone	10	U	10	U	30	U	30	U	10	U	10
4-Chlorotoluene		NA		NA	50	U	50	U		NA	
4-Methyl-2-Pentanone	10	U	10	U	25	U	25	U	10	U	10
Acetone	10	U	10	UJ	100	U	100	U	10	UJ	10
Acrolein		NA		NA	500	U	500	U		NA	
Acrylonitrile		NA		NA	250	U	250	U		NA	
Benzene	10	U	10	U	50	U	50	U	11		5
Bromobenzene		NA		NA	50	U	50	U		NA	
Bromochloromethane		NA		NA	50	U	50	U		NA	
Bromodichloromethane	10	U	10	U	50	U	50	U	10	U	10
Bromoform	10	U	10	U	50	U	50	U	10	U	10
Bromomethane		R	10	U	50	U	50	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Carbon Disulfide	10	U	10	U	150	U	150	U	10	U	10
Carbon Tetrachloride	10	U	10	U	50	U	50	U	10	U	10
Chlorobenzene	10	U	10	U	93		50	U	130		110
Chloroethane	10	U	10	U	50	U	160		10	UJ	10
Chloroform	3	J	10	U	50	U	50	U	10	U	10
Chloromethane	10	U	10	U	50	U	50	U	10	U	10
cis-1,2-Dichloroethene		NA	10	U	580		50	U		NA	610
cis-1,3-Dichloropropene	10	U	10	U	50	U	50	U	10	U	10
Cyclohexane		NA	10	U		NA		NA		NA	10
Dibromochloromethane	10	U	10	U	50	U	50	U	10	U	10
Dibromomethane		NA		NA	50	U	50	U		NA	
Dichlorodifluoromethane		NA	10	UJ	50	U	50	U		NA	10
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA	150	U	150	U		NA	
Ethylbenzene	10	U	10	U	50	U	50	U	10	U	10
Hexachlorobutadiene		NA		NA	50	U	50	U		NA	
Isopropylbenzene		NA	10	U	50	U	50	U		NA	10
m&p-Xylene		NA		NA	100	U	100	U		NA	
Methane		NA		NA		NA		NA		NA	
Methyl Acetate		NA	10	U		NA		NA		NA	10
Methyl tert-Butyl Ether		NA	10	U	50	U	50	U		NA	10
Methylcyclohexane		NA	10	U		NA		NA		NA	10
Methylene Chloride	11	UJ	10	U	50	U	50	U	28	UJ	14
Naphthalene		NA		NA	50	U	50	U		NA	
N-Butylbenzene		NA		NA	50	U	50	U		NA	
N-Propylbenzene		NA		NA	50	U	50	U		NA	
o-Xylene		NA		NA	50	U	50	U		NA	
p-Isopropyltoluene		NA		NA	50	U	50	U		NA	
Sec-Butylbenzene		NA		NA	50	U	50	U		NA	
Styrene	10	U	10	U	50	U	50	U	10	U	10
Tert-Butylbenzene		NA		NA	50	U	50	U		NA	
Tetrachloroethene	10	U	10	U	50	U	50	U	8	J	14
Tetrahydrofuran		NA		NA	350	U	350	U		NA	
Toluene	10	U	10	U	50	U	50	U	2	J	10
Total Xylenes	10	U	10	U		NA		NA	10	U	10
trans-1,2-Dichloroethene		NA	10	U	50	U	50	U		NA	4
trans-1,3-Dichloropropene	10	U	10	U	50	U	50	U	10	U	10
Trichloroethene	10	U	10	U	3900		50	U	1700	*	4500

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Trichlorofluoromethane		NA	10	U	50	U	50	U		NA	10
Vinyl Acetate		NA		NA	300	U	300	U		NA	
Vinyl Chloride	10	U	1	U	180		50	UL	200		190
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	2.0	U	10.0	U		NA		NA	9.0	J	10.0
Ethene	3.0	U	10.0	U		NA		NA	15.0		10.0
Methane	1.0	U	5.0	U		NA		NA	540		230
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA	10	U		NA		NA		NA	10
1,2,4-Trichlorobenzene	10	U		NA		NA		NA	10	U	
1,2-Dichlorobenzene	10	U		NA		NA		NA	10	U	
1,3-Dichlorobenzene	10	U		NA		NA		NA	10	U	
1,4-Dichlorobenzene	10	U		NA		NA		NA	10	U	
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ		NA		NA	10	U	10
2,4,5-Trichlorophenol	25	U	25	U		NA		NA	25	U	25
2,4,6-Trichlorophenol	10	U	10	U		NA		NA	10	U	10
2,4-Dichlorophenol	10	U	10	U		NA		NA	10	U	10
2,4-Dimethylphenol	10	U	10	U		NA		NA	10	U	10
2,4-Dinitrophenol	25	U	25	U		NA		NA	25	U	25
2,4-Dinitrotoluene	10	U	10	U		NA		NA	10	U	10
2,6-Dinitrotoluene	10	U	10	U		NA		NA	10	U	10
2-Chloronaphthalene	10	U	10	U		NA		NA	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
2-Chlorophenol	10	U	10	U		NA		NA	10	U	10
2-Methylnaphthalene	10	U	10	U		NA		NA	10	U	10
2-Methylphenol	10	U	10	U		NA		NA	10	U	10
2-Nitroaniline	25	U	25	UJ		NA		NA	25	U	25
2-Nitrophenol	10	U	10	U		NA		NA	11		8
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA	10	U	10
3-Nitroaniline	25	U	25	U		NA		NA	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA	25	U	25
4-Bromophenyl-phenylether	10	U	10	U		NA		NA	10	U	10
4-Chloro-3-methylphenol	10	U	10	U		NA		NA	10	U	10
4-Chloroaniline	10	U	10	U		NA		NA	10	U	10
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA	10	U	10
4-Methylphenol	10	U	10	U		NA		NA	10	UJ	10
4-Nitroaniline	25	U	25	UJ		NA		NA	25	U	25
4-Nitrophenol	25	U	25	U		NA		NA	160	*	160
Acenaphthene	10	U	10	U		NA		NA	10	U	10
Acenaphthylene	10	U	10	U		NA		NA	10	U	10
Acetophenone		NA	10	U		NA		NA		NA	10
Anthracene	10	U	10	U		NA		NA	10	U	10
Atrazine		NA	10	UJ		NA		NA		NA	10
Benzaldehyde		NA	10	UJ		NA		NA		NA	10
Benzo(a)anthracene	10	U	10	U		NA		NA	10	U	10
Benzo(a)pyrene	10	U	10	U		NA		NA	10	U	10
Benzo(b)fluoranthene	10	U	10	U		NA		NA	10	U	10
Benzo(g,h,i)perylene	10	U	10	U		NA		NA	10	U	10
Benzo(k)fluoranthene	10	UJ	10	U		NA		NA	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA	10	U	10
Butylbenzylphthalate	10	U	10	U		NA		NA	10	U	10
Caprolactam		NA	10	U		NA		NA		NA	10
Carbazole	10	U	10	U		NA		NA	10	U	10
Chrysene	10	U	10	U		NA		NA	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA	10	U	10
Dibenzofuran	10	U	10	U		NA		NA	10	U	10
Diethylphthalate	10	U	10	U		NA		NA	10	U	10
Dimethylphthalate	10	U	10	U		NA		NA	10	U	10
Di-n-Butylphthalate	10	U	10	U		NA		NA	1	J	10
Di-n-octylphthalate	10	U	10	U		NA		NA	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Fluoranthene	10	U	10	U		NA		NA	10	U	10
Fluorene	10	U	10	U		NA		NA	10	U	10
Hexachlorobenzene	10	U	10	U		NA		NA	10	U	10
Hexachlorobutadiene	10	U	10	U		NA		NA	10	U	10
Hexachlorocyclopentadiene	10	U	10	U		NA		NA	10	U	10
Hexachloroethane	10	U	10	U		NA		NA	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA	10	U	10
Isophorone	10	U	10	U		NA		NA	10	U	10
Naphthalene	10	U	10	U		NA		NA	10	U	10
Nitrobenzene	10	U	10	U		NA		NA	10	U	10
N-Nitroso-di-n-propylamine	10	UJ	10	UJ		NA		NA	10	U	10
N-Nitroso-diphenylamine	10	U	10	U		NA		NA	10	U	10
Pentachlorophenol	25	U	25	U		NA		NA	25	U	25
Phenanthrene	10	U	10	U		NA		NA	10	U	10
Phenol	10	U	10	U		NA		NA	10	U	10
Pyrene	10	U	10	U		NA		NA	10	U	10
Total PAH	10	U		NA		NA		NA	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA	0.20	U		NA		NA		NA	0.20
Benzo(a)anthracene		NA	0.20	U		NA		NA		NA	0.20
Benzo(a)pyrene		NA	0.20	U		NA		NA		NA	0.20
Benzo(b)fluoranthene		NA	0.20	U		NA		NA		NA	0.20
Benzo(k)fluoranthene		NA	0.20	U		NA		NA		NA	0.20
Chrysene		NA	0.20	U		NA		NA		NA	0.20
Dibenzo(a,h)anthracene		NA	0.20	UJ		NA		NA		NA	0.20
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA		NA		NA	0.20
Phenanthrene		NA	0.20	U		NA		NA		NA	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U		NA		NA	0.10	U	0.10
4,4'-DDE	0.10	U	0.10	U		NA		NA	0.10	U	0.10
4,4'-DDT	0.10	U	0.10	U		NA		NA	0.10	U	0.10
Aldrin	0.050	U	0.050	U		NA		NA	0.050	U	0.050
alpha-BHC	0.050	U	0.050	U		NA		NA	0.050	U	0.23
alpha-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U	0.050
Aroclor, Total	1.1	U		NA		NA		NA	1.1	U	
Aroclor-1016	1.0	U	1.0	U		NA		NA	1.0	U	1.0
Aroclor-1221	2.0	U	0.25	U		NA		NA	2.0	U	0.25
Aroclor-1232	1.0	U	1.0	U		NA		NA	1.0	U	1.0
Aroclor-1242	1.0	U	1.0	U		NA		NA	1.0	U	1.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Aroclor-1248	1.0	U	1.0	U		NA		NA	1.0	U	1.0
Aroclor-1254	1.0	U	0.25	U		NA		NA	1.0	U	0.25
Aroclor-1260	1.0	U	0.25	U		NA		NA	1.0	U	0.25
Aroclor-1262	1.0	U	0.28	U		NA		NA	1.0	U	0.28
Aroclor-1268	1.0	U	1.0	U		NA		NA	1.0	U	1.0
beta-BHC	0.050	U	0.050	U		NA		NA	0.050	U	0.050
delta-BHC	0.050	U	0.050	U		NA		NA	0.0023	J	0.050
Dieldrin	0.10	U	0.050	U		NA		NA	0.10	U	0.050
Endosulfan I	0.050	U	0.050	U		NA		NA	0.050	U	0.050
Endosulfan II	0.10	U	0.10	U		NA		NA	0.10	U	0.10
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA	0.10	U	0.10
Endrin	0.10	U	0.050	U		NA		NA	0.10	U	0.050
Endrin Aldehyde	0.10	U	0.10	U		NA		NA	0.10	U	0.10
Endrin Ketone	0.10	U	0.10	U		NA		NA	0.10	U	0.10
gamma-BHC	0.050	U	0.050	U		NA		NA	0.050	U	0.39
gamma-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U	0.050
Heptachlor	0.050	U	0.020	U		NA		NA	0.050	U	0.020
Heptachlor Epoxide	0.050	U	0.020	U		NA		NA	0.050	U	0.054
Methoxychlor	0.50	U	0.50	U		NA		NA	0.50	U	0.50
Toxaphene	5.0	U	5.0	U		NA		NA	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA	3.1	U		NA		NA		NA	3.8
1,2,3,4,6,7,8-HpCDF		NA	1.7	U		NA		NA		NA	2.2
1,2,3,4,7,8,9-HpCDF		NA	2.2	U		NA		NA		NA	2.7
1,2,3,4,7,8-HxCDD		NA	2.0	U		NA		NA		NA	2.2
1,2,3,4,7,8-HxCDF		NA	2.6	U		NA		NA		NA	1.5
1,2,3,6,7,8-HxCDD		NA	1.9	U		NA		NA		NA	2.1
1,2,3,6,7,8-HxCDF		NA	2.3	U		NA		NA		NA	1.4
1,2,3,7,8,9-HxCDD		NA	1.9	U		NA		NA		NA	2.0
1,2,3,7,8,9-HxCDF		NA	1.5	U		NA		NA		NA	1.8
1,2,3,7,8-PeCDD		NA	1.6	U		NA		NA		NA	2.1
1,2,3,7,8-PeCDF		NA	3.4	UEMPC		NA		NA		NA	1.5
2,3,4,6,7,8-HxCDF		NA	1.4	U		NA		NA		NA	1.5
2,3,4,7,8-PeCDF		NA	3.5	EMPC		NA		NA		NA	1.5
2,3,7,8-TCDD		NA	1.5	U		NA		NA		NA	2.1
2,3,7,8-TCDF		NA	1.3	U		NA		NA		NA	1.6
OCDD		NA	25.2	EMPC		NA		NA		NA	6.6
OCDF		NA	3.6	U		NA		NA		NA	5.5
Total HpCDD		NA	3.1	UJ		NA		NA		NA	3.8

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Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Total HpCDF		NA	1.9	UJ		NA		NA		NA	2.4
Total HxCDD		NA	1.9	UJ		NA		NA		NA	2.1
Total HxCDF		NA	4.9	UJ		NA		NA		NA	1.5
Total PeCDD		NA	1.6	UJ		NA		NA		NA	2.1
Total PeCDF		NA	6.9	UJEMP		NA		NA		NA	1.5
Total TCDD		NA	1.5	UJ		NA		NA		NA	2.1
Total TCDF		NA	1.3	UJ		NA		NA		NA	1.6
Toxicity Equivalency		NA	1.8	J		NA		NA		NA	0.00
TAL Metal Analysis (UG/L)											
Aluminum	49.9	J	65.1	U		NA		NA	495		83.2
Antimony	54.3	UJ	3.5	U		NA		NA	52.7	U	3.5
Arsenic	2.5	UJ	2.9	U		NA		NA	1.7	U	2.9
Barium	20.4		21.3			NA		NA	85.5		56.1
Beryllium	1.1	UJ	0.10	U		NA		NA	0.89	U	0.10
Cadmium	4.8	U	0.48	UJ		NA		NA	4.8	U	0.99
Calcium	46600		35600			NA		NA	110000		147000
Chromium	5.8	UJ	0.90	U		NA		NA	4.9	J	0.90
Cobalt	18.2	U	1.0	U		NA		NA	29.2	J	13.0
Copper	6.2	UJ	1.3	U		NA		NA	6.2	J	2.7
Cyanide		NA		NA		NA		NA		NA	10.0
Iron	65.5	U	18.1	U		NA		NA	349	J	18.1
Lead	0.78	U	2.3	UJ		NA		NA	3.0		4.2
Magnesium	13400		9870			NA		NA	88200		70200
Manganese	158		23.9			NA		NA	20200		15700
Mercury	0.10	UJ	0.20	UJ		NA		NA	0.10	U	0.20
Nickel	38.4	U	2.7	UJ		NA		NA	48.8	J	17.8
Potassium	8520		6630	J		NA		NA	8420		10000
Selenium	2.0	U	3.0	UJ		NA		NA	2.0	U	3.0
Silver	7.4	UJ	1.1	UJ		NA		NA	4.3	J	1.9
Sodium	39200		32300	J		NA		NA	135000		104000
Thallium	2.2	U	3.1	U		NA		NA	4.4	U	3.1
Vanadium	4.0	U	1.0	U		NA		NA	4.0	U	1.0
Zinc	32.6	U	9.2	U		NA		NA	80.7		16.3
Wet Chemistry Analysis											
Alkalinity	67.3		60.0			NA		NA	236		190
Carbon Dioxide	144		138			NA		NA	197		263
Carbon Dioxide, Free	144			NA		NA		NA	197		
Chloride	86.2		57.0	U		NA		NA	222		289
Ferrous Iron	0.040	U	0.030	U		NA		NA	0.060		0.040

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Sample Number	OU2-MW-303B-01		OU2-MW-303B-07		RM-GW304B-0078		RM-GW304S-0012		OU2-MW-304B-01		OU2-MW-304B-07
Sample Location	MW-303B		MW-303B		304B		304S		MW-304B		MW-304B
Date Sampled	2/3/1999		12/11/2002		6/7/2002		6/7/2002		1/26/1999		12/10/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Upgradient Bedrock		Upgradient Bedrock		Bedrock		Overburden		Bedrock		Bedrock
Nitrate	8.0		7.56			NA		NA	80.6		0.050
Nitrate-Nitrite (as N)	8.0			NA		NA		NA	80.8		
Nitrite-N	0.050	U	0.050	U		NA		NA	0.18		0.050
Sulfate	54.8		56.8			NA		NA	230		263
Sulfide	0.050	U	0.50	U		NA		NA	0.050	U	0.50
Total Organic Carbon		NA	2.0	U		NA		NA		NA	2.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)													
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		67	J	52		50	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	U	100	U	10	U	50	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA	10	U		NA	10	U	10	U	10	U
1,1,2-Trichloroethane	J	100	U	1	J	50	U	10	U	10	U	10	U
1,1-Dichloroethane		1000		1100	*	560		140		130		150	
1,1-Dichloroethene		100	U	20		50	U	10	U	10	U	10	U
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	U		NA	10	U		NA	10	UJ	10	UJ	10	U
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	U		NA	10	U		NA	10	UJ	10	UJ	10	U
1,2-Dibromoethane	U		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U	10	U
1,2-Dichloroethane	U	100	U	10	U	50	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	NA	350			NA	6	J		NA		NA		NA
1,2-Dichloropropane	U	100	U	10	U	50	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U	10	U
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U		NA	10	U		NA	10	U	10	U	10	U
1,4-Dioxane	J		NA	300	J		NA		NA	100	UJ	73	J
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA		NA
2-Butanone	U	100	U	10	U	50	U	10	U	10	U	10	U
2-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
2-Hexanone	U	100	U	10	U	50	U	10	U	10	U	10	U
4-Chlorotoluene	NA		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	U	100	U	10	U	50	U	10	U	10	U	10	U
Acetone	U	100	UJ	10	U	50	U	10	U	10	U	10	UJ
Acrolein	NA		NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA		NA
Benzene	J	210		200		12	J	23		21		25	
Bromobenzene	NA		NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	100	U	10	U	50	U	10	U	10	U	10	U
Bromoform	U	100	U	10	U	50	U	10	U	10	U	10	U
Bromomethane	U	100	U	10	U	50	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Carbon Disulfide	U	100	U	10	U	50	U	10	U	10	U	10	U
Carbon Tetrachloride	U	100	U	10	U	50	U	10	U	10	U	10	U
Chlorobenzene		45	J	36		50	U	2		2	J	2	J
Chloroethane	U	54	J	180		130		32		30		33	
Chloroform		100	U	1	J	50	U	10	U	10	U	10	U
Chloromethane	UJ	100	U	10	UJ	50	U	10	UJ	10	UJ	10	U
cis-1,2-Dichloroethene	*		NA	240			NA	2		2	J	3	J
cis-1,3-Dichloropropene	U	100	U	10	U	50	U	10	U	10	U	10	U
Cyclohexane	U		NA	10			NA	12		8	J	16	
Dibromochloromethane	U	100	U	10	U	50	U	10	U	10	U	10	U
Dibromomethane	NA		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	U		NA	10	U		NA	10	U	10	U	10	UJ
Ethane	NA		NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	U	100	U	10	U	50	U	10	U	10	U	10	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA		NA
Isopropylbenzene	U		NA	2	J		NA	10	U	10	U	10	U
m&p-Xylene	NA		NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA		NA
Methyl Acetate	U		NA	10	U		NA	10	U	10	U	10	U
Methyl tert-Butyl Ether	U		NA	10	U		NA	10	U	10	U	10	U
Methylcyclohexane	U		NA	26			NA	10	U	10	U	10	U
Methylene Chloride		100	UJ	10	U	53	UJ	10	UJ	10	UJ	10	U
Naphthalene	NA		NA		NA		NA		NA		NA		NA
N-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
N-Propylbenzene	NA		NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Styrene	U	100	U	10	U	50	U	10	U	10	U	10	U
Tert-Butylbenzene	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene		100	U	10	U	50	U	10	U	10	U	10	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA		NA
Toluene	U	100	U	1	J	50	U	10	U	10	U	10	U
Total Xylenes	U	100	U	10	U	50	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	J		NA	2	J		NA	10	U	10	U	10	U
trans-1,3-Dichloropropene	U	100	U	10	U	50	U	10	U	10	U	10	U
Trichloroethene	*	110		230		50	U	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Trichlorofluoromethane	U		NA	10	U		NA	10	U	10	U	10	U
Vinyl Acetate	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride		170		200		50	U	3		3		3	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)													
Ethane	U	22.0		21.0		20.0		110		110		110	
Ethene	U	100		230		3.0	U	10.0	U	10.0	U	10.0	U
Methane		2100		2400		2800		1650		1700		1600	
Volatile Organic Screening Analysis (UG/L)													
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)													
1,1'-Biphenyl	U		NA	10	U		NA	10	U	10	U	10	U
1,2,4-Trichlorobenzene	NA	10	U		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene	NA	10	U		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U	10	UJ
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	UJ	25	U	25	UJ	25	U	25	UJ	25	UJ	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U	25	UJ
2-Nitrophenol	J	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	U	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	UJ	10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	UJ	10	U	10	UJ	10	U	10	U	10	U
4-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U	25	UJ
4-Nitrophenol	*J	8	J	11	J	25	U	25	U	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	U		NA	10	U		NA	10	U	10	U	10	U
Anthracene	U	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	UJ		NA	10	UJ		NA	10	UJ	10	UJ	10	UJ
Benzaldehyde	U		NA	10	U		NA	10	U	10	U	10	UJ
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	U		NA	10	U		NA	10	U	10	U	10	U
Carbazole	U	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	U	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	UJ	10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
Hexachlorocyclopentadiene	UJ	10	U	10	UJ	10	U	10	UJ	10	UJ	10	U
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	UJ	25	U	25	UJ	25	U	25	UJ	25	UJ	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	6	J	1	J	10	U	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH	NA	10	U		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)													
Acenaphthylene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Chrysene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	UJ
Indeno(1,2,3-cd)pyrene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Phenanthrene	U		NA	0.20	U		NA	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)													
4,4'-DDD	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.25	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC		0.018	J	0.050	U	0.0067	J	0.050	U	0.050	U	0.050	U
alpha-Chlordane	U	0.25	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA	5.6	U		NA	1.1	U		NA		NA		NA
Aroclor-1016	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	10	U	0.25	U	2.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1232	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Aroclor-1248	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	5.0	U	0.25	U	1.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1260	U	5.0	U	0.25	U	1.0	U	0.25	U	0.25	U	0.25	U
Aroclor-1262	U	5.0	U	0.28	U	1.0	U	0.28	U	0.28	U	0.28	U
Aroclor-1268	U	5.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.25	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.25	U	0.050	U	0.0072	J	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.50	U	0.050	U	0.10	U	0.050	U	0.050	U	0.050	U
Endosulfan I	U	0.13	J	0.050	U	0.095		0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.50	U	0.050	U	0.10	U	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.50	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC		0.25	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.25	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.25	U	0.020	U	0.050	U	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide		0.25	U	0.035		0.050	U	0.020	U	0.020	U	0.020	U
Methoxychlor	U	2.5	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	25	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)													
1,2,3,4,6,7,8-HpCDD	U		NA	4.3	UJ		NA	8.2		11.9	J	9.1	U
1,2,3,4,6,7,8-HpCDF	U		NA	3.2	UJ		NA	2.4	U	2.4	U	5.1	U
1,2,3,4,7,8,9-HpCDF	UJ		NA	4.0	UJ		NA	3.1	UJ	3.1	UJ	6.2	UJ
1,2,3,4,7,8-HxCDD	U		NA	2.1	UJ		NA	2.5	U	2.5	U	4.3	U
1,2,3,4,7,8-HxCDF	U		NA	1.8	UJ		NA	1.8	U	1.8	U	3.0	U
1,2,3,6,7,8-HxCDD	U		NA	2.0	UJ		NA	2.4	U	2.4	U	4.4	U
1,2,3,6,7,8-HxCDF	U		NA	1.7	UJ		NA	1.7	U	1.7	U	3.0	U
1,2,3,7,8,9-HxCDD	U		NA	2.0	UJ		NA	2.3	U	2.3	U	4.2	U
1,2,3,7,8,9-HxCDF	UJ		NA	2.1	UJ		NA	2.1	UJ	2.1	UJ	3.7	UJ
1,2,3,7,8-PeCDD	U		NA	2.1	UJ		NA	2.3	U	2.3	U	4.4	U
1,2,3,7,8-PeCDF	U		NA	1.4	UJ		NA	1.6	U	1.6	U	2.8	U
2,3,4,6,7,8-HxCDF	UJ		NA	1.9	UJ		NA	1.9	UJ	1.9	UJ	3.4	UJ
2,3,4,7,8-PeCDF	U		NA	1.4	UJ		NA	1.6	U	1.6	U	2.9	U
2,3,7,8-TCDD	U		NA	1.9	UJ		NA	2.3	U	2.3	U	4.6	U
2,3,7,8-TCDF	U		NA	1.4	UJ		NA	1.8	U	1.8	U	3.2	U
OCDD	U		NA	6.7	UJ		NA	40.5		73.1	J	15.8	U
OCDF	U		NA	5.6	UJ		NA	6.0	U	6.0	U	11.5	U
Total HpCDD	UJ		NA	4.3	UJ		NA	14.2		23.9	EMPC	9.1	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Total HpCDF	UJ		NA	3.6	UJ		NA	2.7	UJ	2.7	UJ	5.6	UJ
Total HxCDD	UJ		NA	2.0	UJ		NA	2.4	UJ	2.4	UJ	4.3	UJ
Total HxCDF	UJ		NA	1.9	UJ		NA	2.3		2.9	EMPC	3.3	UJ
Total PeCDD	UJ		NA	2.1	UJ		NA	2.3	UJ	2.3	UJ	4.4	UJ
Total PeCDF	UJ		NA	1.4	UJ		NA	1.6	UJ	1.6	UJ	2.9	UJ
Total TCDD	UJ		NA	1.9	UJ		NA	2.9		6.3	UEMPC	4.6	UJ
Total TCDF	UJ		NA	1.4	UJ		NA	1.8	UJ	1.8	UJ	3.2	UJ
Toxicity Equivalency	UJ		NA	0.00	UJ		NA	0.058		0.13	J	0.00	UJ
TAL Metal Analysis (UG/L)													
Aluminum	U	51.2	J	55.8	U	92.1		43.0	U	43.0	U	56.1	U
Antimony	U	57.5	J	3.5	U	58.2	J	3.5	U	3.5	U	3.5	U
Arsenic	U	173		119		1.7	U	7.0	UJ	7.0	UJ	9.0	UJ
Barium		84.9		89.4		19.0		36.2		35.4		37.0	
Beryllium	U	0.89	U	0.10	U	0.89	U	0.10	U	0.10	U	0.10	U
Cadmium	U	4.8	U	0.40	U	4.8	U	0.40	U	0.40	U	0.40	U
Calcium		74700		67400		50900		58000		56500		59500	
Chromium	U	4.0	U	0.90	U	4.0	U	0.90	U	0.90	U	0.90	U
Cobalt		18.2	U	6.9		18.2	U	37.0		36.6		37.5	
Copper	U	3.8	U	1.3	U	4.9	J	1.3	U	1.3	U	21.4	U
Cyanide	U		NA	10.0	U		NA	10.0	U	10.0	U	10.0	U
Iron	U	43900	J	37600		238	J	16400		16000		16800	
Lead	J	1.3	J	5.2	J	1.7		3.2		2.8	J	3.6	J
Magnesium		58200		56000		8880		10200		9980		10500	
Manganese		8960		9580		12300		6420		6240		6610	
Mercury	UJ	0.10	U	0.20	UJ	0.10	U	0.20	UJ	0.20	UJ	0.20	UJ
Nickel		58.8	J	6.4	U	43.4	J	4.6	U	4.6	U	4.6	U
Potassium	J	7920		9540	J	7320		8040		7780	J	8310	J
Selenium	UJ	2.0	U	3.0	UJ	2.0	U	3.0	UJ	3.0	UJ	3.0	UJ
Silver	J	4.2	U	1.8	J	4.2	U	1.4		1.3	J	1.4	J
Sodium	J	111000		123000	J	54000		65000		63400	J	66600	J
Thallium	U	2.2	U	3.1	U	2.2	U	3.1	U	3.1	U	3.1	U
Vanadium	U	4.0	U	1.0	U	4.0	U	1.0	U	1.0	U	1.0	U
Zinc	U	31.6		7.7	U	7.1		12.1	U	12.1	U	9.0	U
Wet Chemistry Analysis													
Alkalinity		260		300		201		240		240		240	
Carbon Dioxide		122		330		78.3		291		274		307	
Carbon Dioxide, Free	NA	122			NA	78.3			NA		NA		NA
Chloride	U	148		183	U	67.1		82.6	U	82.6	U	86.5	U
Ferrous Iron			NA	24.4		0.27		8.2		13.8	J	2.69	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-304D-01		OU2-MW-304D-07		OU2-MW-304S-01		OU2-MW-304S-07-AVG		OU2-MW-304S-07		OU2-MW-DUP02-07	
Sample Location		MW-304D		MW-304D		MW-304S		MW-304S		MW-304S		MW-304S	
Date Sampled		1/26/1999		12/10/2002		1/29/1999		12/10/2002		12/10/2002		12/10/2002	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07		Field Dup. OU2-MW-304S-07	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Nitrate	U	1.6		2.47		0.050	U	0.050	U	0.050	U	0.050	U
Nitrate-Nitrite (as N)	NA	1.6			NA	0.050	U		NA		NA		NA
Nitrite-N	U	0.080		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Sulfate		202		218		23.7		14.2		14.2		14.2	
Sulfide	U	0.050	U	0.92		0.050	U	0.38		0.50	U	0.50	
Total Organic Carbon	U		NA	7.22			NA	12.4		14.1		10.7	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	31	J	10
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	100	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U	10	U	10	U		NA	10
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	100	U	1
1,1-Dichloroethane	10	U	7		7	J	7	J	110		70
1,1-Dichloroethene	10	U	2		2		3		29	J	34
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene		NA	10	UJ	10	UJ	10	UJ		NA	10
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane		NA	10	U	10	U	10	U		NA	10
1,2-Dibromoethane		NA	10	U	10	U	10	U		NA	10
1,2-Dichlorobenzene		NA	10	U	10	U	10	U		NA	10
1,2-Dichloroethane	10	U	10	U	10	U	10	U	100	U	10
1,2-Dichloroethene (total)	47			NA		NA		NA	460		
1,2-Dichloropropane	10	U	10	U	10	U	10	U	100	U	10
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene		NA	10	U	10	U	10	U		NA	10
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene		NA	10	U	10	U	10	U		NA	10
1,4-Dioxane		NA		NA	100	UJ	100	UJ		NA	62
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	10	U	10	UJ	10	UJ	10	UJ	100	U	10
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	10	U	10	UJ	10	UJ	10	UJ	100	U	10
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	100	U	10
Acetone	10	U	10	U	10	U	10	U	100	UJ	10
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	10	U	10	U	10	U	10	U	100	U	2
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	10	U	10	U	10	U	10	U	100	U	10
Bromoform	10	U	10	U	10	U	10	U	100	U	10
Bromomethane	10	U	10	U	10	U	10	U	100	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Carbon Disulfide	10	U	10	U	10	U	10	U	100	U	10
Carbon Tetrachloride	10	U	10	U	10	U	10	U	100	U	10
Chlorobenzene	9	J	20		19		20		240		170
Chloroethane	10	U	10	U	10	U	10	U	100	U	5
Chloroform	10	U	10	U	10	U	10	U	100	U	10
Chloromethane	10	U	10	U	10	U	10	U	100	U	10
cis-1,2-Dichloroethene		NA	110		110		110			NA	230
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	100	U	10
Cyclohexane		NA	10	U	10	U	10	U		NA	10
Dibromochloromethane	10	U	10	U	10	U	10	U	100	U	10
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane		NA	10	U	10	U	10	U		NA	10
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	10	U	10	U	10	U	10	U	100	U	10
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene		NA	10	U	10	U	10	U		NA	10
m&p-Xylene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Methyl Acetate		NA	10	U	10	U	10	U		NA	10
Methyl tert-Butyl Ether		NA	10	UJ	10	UJ	10	UJ		NA	10
Methylcyclohexane		NA	10	U	10	U	10	U		NA	10
Methylene Chloride	10	U	10	U	10	U	10	U	100	UJ	10
Naphthalene		NA		NA		NA		NA		NA	
N-Butylbenzene		NA		NA		NA		NA		NA	
N-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
Sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	10	U	10	U	10	U	10	U	100	U	10
Tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	10	U	10	U	10	U	10	U	100	U	1
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	9	J	10	U	10	U	10	U	12	J	10
Total Xylenes	10	U	10	U	10	U	10	U	100	U	10
trans-1,2-Dichloroethene		NA	4		4	J	5	J		NA	2
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	100	U	10
Trichloroethene	190	*	460		460	*	470	*	1100	J	790

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Trichlorofluoromethane		NA	10	U	10	U	10	U		NA	10
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	10	U	2		2		3		100	U	22
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	7.1	J	10.0	U	10.0	U	10.0	U	2.8	J	10.0
Ethene	7.6	J	10.0	U	10.0	U	10.0	U	5.6	J	10.0
Methane	61.0		77.5		78.0		77.0		180	J	720
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethane		NA		NA		NA		NA		NA	
1,1-Dichloroethene		NA		NA		NA		NA		NA	
1,2-Dichloroethane		NA		NA		NA		NA		NA	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
Benzene		NA		NA		NA		NA		NA	
Chlorobenzene		NA		NA		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Ethylbenzene		NA		NA		NA		NA		NA	
Methylene Chloride		NA		NA		NA		NA		NA	
Tetrachloroethene		NA		NA		NA		NA		NA	
Toluene		NA		NA		NA		NA		NA	
Total Xylenes		NA		NA		NA		NA		NA	
Trichloroethene		NA		NA		NA		NA		NA	
Vinyl Chloride		NA		NA		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl		NA	10	U	10	U	10	U		NA	10
1,2,4-Trichlorobenzene	10	U		NA		NA		NA	10	U	
1,2-Dichlorobenzene	10	U		NA		NA		NA	10	U	
1,3-Dichlorobenzene	10	U		NA		NA		NA	10	U	
1,4-Dichlorobenzene	10	U		NA		NA		NA	10	U	
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10
2,4-Dinitrophenol	25	U	25	UJ	25	UJ	25	UJ	25	U	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
2-Nitrophenol	10	U	10	U	10	U	10	U	2	J	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10
4-Chloroaniline	10	U	10	UJ	10	UJ	10	UJ	10	U	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10
4-Methylphenol	10	UJ	10	U	10	U	10	U	10	UJ	10
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25
4-Nitrophenol	25	U	25	UJ	25	UJ	25	UJ	40		7
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10
Acetophenone		NA	10	U	10	U	10	U		NA	10
Anthracene	10	U	10	U	10	U	10	U	10	U	10
Atrazine		NA	10	UJ	10	UJ	10	UJ		NA	10
Benzaldehyde		NA	10	U	10	U	10	U		NA	10
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	4		10	U	2	J	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10
Caprolactam		NA	4		10	U	4	J		NA	59
Carbazole	10	U	10	U	10	U	10	U	10	U	10
Chrysene	10	U	10	U	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10
Di-n-Butylphthalate	0.5	J	10	U	10	U	10	U	0.5	J	10
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10
Fluorene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10
Isophorone	10	U	10	U	10	U	10	U	10	U	10
Naphthalene	10	U	10	U	10	U	10	U	10	U	10
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	0.9	J	10	U	10	U	10	U	10	U	10
Pentachlorophenol	25	U	25	UJ	25	UJ	25	UJ	25	U	25
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10
Phenol	10	U	10	U	10	U	10	U	10	U	10
Pyrene	10	U	10	U	10	U	10	U	10	U	10
Total PAH	10	U		NA		NA		NA	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(a)anthracene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(a)pyrene		NA	0.20	UJ	0.20	UJ	0.20	UJ		NA	0.20
Benzo(b)fluoranthene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(k)fluoranthene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Chrysene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Dibenzo(a,h)anthracene		NA	0.20	UJ	0.20	UJ	0.20	UJ		NA	0.20
Indeno(1,2,3-cd)pyrene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Phenanthrene		NA	0.20	U	0.20	U	0.20	U		NA	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
alpha-BHC	0.050	U	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Aroclor, Total	1.1	U		NA		NA		NA	1.1	U	
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1221	2.0	U	0.25	U	0.25	U	0.25	U	2.0	UJ	0.25
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
Aroclor-1254	1.0	U	0.25	U	0.25	U	0.25	U	1.0	UJ	0.25
Aroclor-1260	1.0	U	0.25	U	0.25	U	0.25	U	1.0	UJ	0.25
Aroclor-1262	1.0	U	0.28	U	0.28	U	0.28	U	1.0	UJ	0.28
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	UJ	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Dieldrin	0.10	U	0.050	U	0.050	U	0.050	U	0.10	UJ	0.050
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endrin	0.10	U	0.050	U	0.050	U	0.050	U	0.10	UJ	0.050
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ	0.10
gamma-BHC	0.050	U	0.050	UJ	0.050	UJ	0.050	UJ	0.050	UJ	0.050
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050
Heptachlor	0.050	U	0.020	U	0.020	U	0.020	U	0.050	UJ	0.020
Heptachlor Epoxide	0.050	U	0.020	U	0.020	U	0.020	U	0.050	UJ	0.020
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD		NA	1.5	U	1.5	U	1.2	U		NA	1.7
1,2,3,4,6,7,8-HpCDF		NA	0.70	U	0.70	U	1.8	UJ		NA	1.1
1,2,3,4,7,8,9-HpCDF		NA	1.0	U	1.0	U	2.5	UJ		NA	1.2
1,2,3,4,7,8-HxCDD		NA	0.80	U	0.80	U	0.60	U		NA	0.90
1,2,3,4,7,8-HxCDF		NA	1.1	U	1.1	U	0.70	UJ		NA	1.3
1,2,3,6,7,8-HxCDD		NA	0.80	U	0.80	U	0.60	U		NA	0.90
1,2,3,6,7,8-HxCDF		NA	0.50	U	0.50	U	0.70	UJ		NA	0.90
1,2,3,7,8,9-HxCDD		NA	0.93	U	0.93	U	0.60	U		NA	1.5
1,2,3,7,8,9-HxCDF		NA	0.60	U	0.60	U	0.90	UJ		NA	1.0
1,2,3,7,8-PeCDD		NA	0.70	U	0.70	U	0.50	U		NA	1.2
1,2,3,7,8-PeCDF		NA	0.40	U	0.40	U	1.0	UEMPC		NA	0.92
2,3,4,6,7,8-HxCDF		NA	0.54	U	0.54	U	0.70	UJ		NA	0.73
2,3,4,7,8-PeCDF		NA	0.82	UEMPC	0.82	UEMPC	0.30	U		NA	0.77
2,3,7,8-TCDD		NA	0.60	U	0.60	U	0.40	U		NA	0.70
2,3,7,8-TCDF		NA	0.50	U	0.50	U	0.30	U		NA	0.60
OCDD		NA	9.4		10.7	J	8.2	J		NA	6.6
OCDF		NA	1.6	U	1.6	U	1.4	U		NA	2.1
Total HpCDD		NA	1.5	UJ	1.5	UJ	1.2	UJ		NA	1.7

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Total HpCDF		NA	0.80	UJ	0.80	UJ	2.1	UJ		NA	1.1
Total HxCDD		NA	5.1	UEMPC	5.1	UEMPC	0.60	UJ		NA	6.6
Total HxCDF		NA	1.6	UJ	1.6	UJ	0.80	UJ		NA	3.9
Total PeCDD		NA	2.8	UEMPC	2.8	UEMPC	0.50	UJ		NA	3.7
Total PeCDF		NA	0.82	UEMPC	0.82	UEMPC	1.0	UEMPC		NA	1.7
Total TCDD		NA	0.57	UEMPC	0.57	UEMPC	1.1	UEMPC		NA	1.1
Total TCDF		NA	2.2	UEMPC	2.2	UEMPC	0.97	UEMPC		NA	0.60
Toxicity Equivalency		NA	0.00096		0.0011	J	0.00082	J		NA	0.00066
TAL Metal Analysis (UG/L)											
Aluminum	101		365	UJ	365	UJ	241	UJ	108		303
Antimony	52.7	U	2.3	U	2.3	U	2.3	U	52.7	U	2.3
Arsenic	1.7	U	4.8	U	4.8	U	4.8	U	1.7	U	4.8
Barium	49.0		48.1		47.9		48.3		60.5		41.7
Beryllium	0.89	U	0.13	UJ	0.13	UJ	0.11	UJ	0.89	U	0.11
Cadmium	4.8	U	0.30	U	0.30	U	0.30	U	4.8	U	0.30
Calcium	46200		51000		50500		51400		29100		34700
Chromium	4.0	U	0.60	U	0.60	U	0.60	U	6.3	J	0.60
Cobalt	18.2	U	1.0	U	1.0	U	1.0	U	18.2	U	7.9
Copper	3.8	U	1.8	U	1.8	U	1.5	U	3.8	U	1.3
Cyanide		NA	10.0	U	10.0	U	10.0	U		NA	10.0
Iron	104	J	792		816		767		9300	J	10800
Lead	0.78	U	2.2	U	2.2	U	2.2	U	0.78	U	2.2
Magnesium	14600		15200		15100		15200		13200		15300
Manganese	321		976		953		1000		1070		1040
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10
Nickel	54.3	J	3.4		3.6		3.1		38.4	UJ	12.3
Potassium	8860		7120		7230		7000		9400		11600
Selenium	2.0	U	4.8	U	4.8	U	4.8	U	2.0	U	4.8
Silver	4.2	U	0.60	U	0.60	U	0.60	U	4.2	U	0.60
Sodium	74400		40200		41300		39200		100000		107000
Thallium	2.2	U	4.7	U	4.7	U	4.7	U	2.2	U	4.7
Vanadium	4.0	U	0.67		0.79	J	0.55	J	4.0	U	0.50
Zinc	16.3		3.2		3.8		2.6	J	22.8		2.3
Wet Chemistry Analysis											
Alkalinity	85.9		123		120		126		157		194
Carbon Dioxide	1.6		119		117		122		94.8		248
Carbon Dioxide, Free	1.6			NA		NA		NA	94.8		
Chloride	133		48.3		47.6		49.0		50.7		44.8
Ferrous Iron	0.010		0.58		0.55		0.61		0.010	U	10.8

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-305B-01		OU2-MW-305BR-07-AVG		OU2-MW-305BR-07		OU2-MW-DUP27-07		OU2-MW-305D-01		OU2-MW-305DR-07
Sample Location	MW-305B		MW-305BR		MW-305BR		MW-305BR		MW-305D		MW-305DR
Date Sampled	1/26/1999		2/3/2003		2/3/2003		2/3/2003		1/26/1999		2/3/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		Field Dup. OU2-MW-305BR-07		None		None
Zone	Bedrock		Bedrock		Bedrock		Bedrock		Overburden		Overburden
Nitrate	0.050	U	0.050	U	0.050	U	0.050	U	1.6		0.050
Nitrate-Nitrite (as N)	0.050	U		NA		NA		NA	1.7		
Nitrite-N	0.050	U	0.050	U	0.050	U	0.050	U	0.090		0.050
Sulfate	73.7		83.2		82.8		83.6		140		124
Sulfide	0.050	U	0.50	U	0.50	U	0.50	U	0.050	U	0.50
Total Organic Carbon		NA	2.0	UJ	2.0	UJ	2.0	UJ		NA	2.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	U	10		10	U	10	U	10	U	500	U
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U	10	U	500	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	J	10	U	10	U	10	U	10	U	500	U
1,1-Dichloroethane		11	J	10		10	U	10	U	500	U
1,1-Dichloroethene		10	UJ	1		10	U	2		500	UJ
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	UJ		NA	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	U		NA	10	U		NA	10	U		NA
1,2-Dibromoethane	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	U		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	U	10	U	10	U	10	U	10	U	500	U
1,2-Dichloroethene (total)	NA	16			NA	67			NA	73	J
1,2-Dichloropropane	U	10	U	10	U	10	U	10	U	500	U
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	U		NA	10	U		NA	10	U		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	U		NA	10	U		NA	10	U		NA
1,4-Dioxane	J		NA	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	UJ	10	U	10	UJ	10	U	10	U	500	UJ
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	UJ	10	U	10	UJ	10	UJ	10	U	500	U
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	UJ	10	U	10	U	10	U	10	U	500	U
Acetone	U	10	U	10	U	10	U	10	U	500	UJ
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	J	10	U	10	U	10	U	10	U	500	U
Bromobenzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	U	10	U	10	U	10	U	10	U	500	U
Bromoform	U	10	U	10	U	10	U	10	U	500	U
Bromomethane	U	10	U	10	U	10	U	10	U	500	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Carbon Disulfide	U	10	U	10	U	10	U	10	U	500	U
Carbon Tetrachloride	U	10	U	10	U	10	U	10	U	500	U
Chlorobenzene		10		19		10	U	10	U	500	U
Chloroethane	J	10	U	10	U	10	U	10	U	500	UJ
Chloroform	U	10	U	10	U	4	J	10	U	500	U
Chloromethane	U	10	U	10	U	10	U	10	U	500	U
cis-1,2-Dichloroethene			NA	43			NA	160			NA
cis-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U	500	U
Cyclohexane	U		NA	10	U		NA	10	U		NA
Dibromochloromethane	U	10	U	10	U	10	U	10	U	500	U
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	UJ		NA	10	U		NA	10	UJ		NA
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	U	10	U	10	U	10	U	10	U	500	U
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	U		NA	10	U		NA	10	U		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Methyl Acetate	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	U		NA	10	UJ		NA	10	U		NA
Methylcyclohexane	U		NA	10	U		NA	10	U		NA
Methylene Chloride	U	10	U	10	U	10	U	10	U	260	J
Naphthalene	NA		NA		NA		NA		NA		NA
N-Butylbenzene	NA		NA		NA		NA		NA		NA
N-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
Sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	U	10	U	10	U	10	U	10	U	500	U
Tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	J	10	U	10	U	10	U	10	U	500	U
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	U	10	U	10	U	10	U	10	U	500	U
Total Xylenes	U	10	U	10	U	10	U	10	U	80	J
trans-1,2-Dichloroethene	J		NA	10	U		NA	1	J		NA
trans-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U	500	U
Trichloroethene	*	10	U	31		2600		6900	*	6400	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Trichlorofluoromethane	U		NA	10	U		NA	10	U		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride		12		4		10	U	1	U	500	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	U	2.0	U	10.0	U	2.4	J	10.0	U	2.0	UJ
Ethene	U	3.0	U	10.0	U	3.2	J	10.0	U	3.0	UJ
Methane		400		490		1.4	UJ	5.0	U	1.3	UJ
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethane	NA		NA		NA		NA		NA		NA
1,1-Dichloroethene	NA		NA		NA		NA		NA		NA
1,2-Dichloroethane	NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA
Benzene	NA		NA		NA		NA		NA		NA
Chlorobenzene	NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA		NA
Methylene Chloride	NA		NA		NA		NA		NA		NA
Tetrachloroethene	NA		NA		NA		NA		NA		NA
Toluene	NA		NA		NA		NA		NA		NA
Total Xylenes	NA		NA		NA		NA		NA		NA
Trichloroethene	NA		NA		NA		NA		NA		NA
Vinyl Chloride	NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	NA	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene	NA	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	NA	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	U	25	U	25	UJ	25	U	25	UJ	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
2-Chlorophenol	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	UJ	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	UJ	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	U	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Nitroaniline	UJ	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	J	25	U	25	UJ	25	U	25	U	25	U
Acenaphthene	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	U		NA	10	U		NA	10	U		NA
Anthracene	U	10	U	10	U	10	U	10	U	10	U
Atrazine	U		NA	10	UJ		NA	10	U		NA
Benzaldehyde	UJ		NA	10	U		NA	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U	10	U
Caprolactam			NA	4	J		NA	10	U		NA
Carbazole	U	10	U	10	U	10	U	10	U	10	U
Chrysene	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Fluoranthene	U	10	U	10	U	10	U	10	U	10	U
Fluorene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U	10	U
Isophorone	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	U	25	U	25	UJ	25	U	25	U	25	U
Phenanthrene	U	10	U	10	U	10	U	10	U	10	U
Phenol	U	10	U	1	J	10	U	10	U	10	U
Pyrene	U	10	U	10	U	10	U	10	U	10	U
Total PAH	NA	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	UJ		NA	0.20	UJ		NA	0.20	U		NA
Benzo(b)fluoranthene	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	U		NA	0.20	UJ		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	U		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	U	0.018	J	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	NA	1.2			NA	1.1	U		NA	1.1	U
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	U	1.2		0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	U	1.0	U	0.28	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	U	0.0084	J	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	U	0.022	J	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	U	0.0062	J	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	U		NA	5.4	UEMPC		NA	2.0	U		NA
1,2,3,4,6,7,8-HpCDF	U		NA	2.2	UEMPC		NA	1.0	U		NA
1,2,3,4,7,8,9-HpCDF	U		NA	1.1	U		NA	1.2	U		NA
1,2,3,4,7,8-HxCDD	U		NA	1.1	U		NA	1.0	U		NA
1,2,3,4,7,8-HxCDF	U		NA	2.0	UEMPC		NA	1.1	UEMPC		NA
1,2,3,6,7,8-HxCDD	U		NA	1.3	UEMPC		NA	1.0	U		NA
1,2,3,6,7,8-HxCDF	UEMPC		NA	1.0	U		NA	0.60	U		NA
1,2,3,7,8,9-HxCDD	U		NA	1.9	U		NA	1.0	U		NA
1,2,3,7,8,9-HxCDF	U		NA	1.8	U		NA	0.80	U		NA
1,2,3,7,8-PeCDD	UEMPC		NA	0.70	U		NA	1.0	U		NA
1,2,3,7,8-PeCDF	U		NA	1.1	UEMPC		NA	0.60	U		NA
2,3,4,6,7,8-HxCDF	U		NA	1.0	U		NA	0.70	U		NA
2,3,4,7,8-PeCDF	UEMPC		NA	1.8	UEMPC		NA	0.60	U		NA
2,3,7,8-TCDD	U		NA	0.60	U		NA	0.90	U		NA
2,3,7,8-TCDF	U		NA	1.6	J		NA	0.60	U		NA
OCDD	J		NA	43.6	J		NA	16.5	U		NA
OCDF	U		NA	4.7	EMPC		NA	5.7	EMPC		NA
Total HpCDD	UJ		NA	10.6	UEMPC		NA	2.0	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Total HpCDF	UJ		NA	6.8	UEMPC		NA	1.1	UJ		NA
Total HxCDD	UEMPC		NA	10.9	UEMPC		NA	5.2	EMPC		NA
Total HxCDF	UEMPC		NA	7.3	UEMPC		NA	1.1	UJEMP		NA
Total PeCDD	UEMPC		NA	0.70	UJ		NA	1.0	UJ		NA
Total PeCDF	UEMPC		NA	2.9	UEMPC		NA	0.60	UJ		NA
Total TCDD	UEMPC		NA	1.0	UEMPC		NA	0.90	UJ		NA
Total TCDF	UJ		NA	17.6	UEMPC		NA	0.60	UJ		NA
Toxicity Equivalency	J		NA	0.16	J		NA	0.00057	J		NA
TAL Metal Analysis (UG/L)											
Aluminum	UJ	61.4	J	172	UJ	64.9	U	200	U	315	
Antimony	U	52.7	U	2.3	U	3.5	UJ	3.7	U	3.5	UJ
Arsenic	U	3.1	J	4.8	U	3.7	U	2.5	U	3.7	U
Barium		18.3		36.8		11.3		13.0		10.4	
Beryllium	UJ	0.89	U	0.12	UJ	0.30	U	0.10	U	0.30	U
Cadmium	U	4.8	U	0.30	U	0.30	U	2.4		0.30	U
Calcium		90100		96300		58900		53600		38500	
Chromium	U	5.9	J	0.94	J	1.4		2.0		9.2	
Cobalt		18.2	U	1.5	J	9.5		3.8		16.5	
Copper	U	3.8	U	0.60	U	21.0	UJ	8.0		31.7	J
Cyanide	U		NA	10.0	U		NA	0.53	J		NA
Iron		2880	J	4000		636		229		804	
Lead	U	0.78	U	2.2	U	10.9	U	3.6	J	17.4	
Magnesium		26900		18300		8700		6880		4020	
Manganese		1340		3070		1570		1880		68.9	
Mercury	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel		38.4	UJ	11.5		15.4		22.4		7.7	
Potassium		14600		12400		7200		4790		3740	
Selenium	U	2.0	U	4.8	U	3.1	U	3.3	U	3.1	U
Silver	U	4.2	U	0.60	U	0.70	U	0.70	U	0.70	U
Sodium		204000		112000		20800		12700		11600	
Thallium	U	2.2	U	4.7	U	4.9	U	5.1	U	4.9	U
Vanadium	U	4.0	U	0.64	J	1.4	U	1.2	J	1.5	J
Zinc	J	40.1		12.7		133	J	133		110	J
Wet Chemistry Analysis											
Alkalinity		171		312		102		85.0		88.2	
Carbon Dioxide		45.1		314		17.7		108		3.2	
Carbon Dioxide, Free	NA	45.1			NA	17.7			NA	3.2	
Chloride		345		146		14.5		1.65		11.5	
Ferrous Iron		3.1		4.8		0.010	U	0.040		0.060	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-305S-01		OU2-MW-305SR-07		OU2-MW-306B-01		OU2-MW-306B-07		OU2-MW-306DB-01	
Sample Location		MW-305S		MW-305SR		MW-306B		MW-306B		MW-306DB	
Date Sampled		1/29/1999		2/3/2003		1/21/1999		12/19/2002		1/21/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Bedrock		Bedrock		Bedrock	
Nitrate	U	0.61		0.050	U	0.31		0.365	J	0.050	U
Nitrate-Nitrite (as N)	NA	0.66			NA	0.36			NA	0.050	U
Nitrite-N	U	0.050	U	0.050	U	0.050	U	0.050	UJ	0.050	U
Sulfate		96.4		55.0		124		82.4		37.4	
Sulfide	U	0.050	U	0.50	U	0.050	U	0.50	U	0.050	U
Total Organic Carbon	UJ		NA	14.6			NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	110		10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	2	J	10	U
1,1-Dichloroethene	0.9	U	10	U	0.9	U	10	U	260		10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	UJ		NA	10	UJ		NA
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U		NA	10	U		NA	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U		NA
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	UJ	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	UJ	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	UJ	10	U	10	U
Acetone	10	U	7.5		10	UJ	10	UJ	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	6	J	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	23		10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	41			NA	10	U		NA	10	U		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	UJ		NA
Ethane		NA	245			NA		NA		NA	2	U
Ethene		NA	3	U		NA		NA		NA	3	U
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA	2450			NA		NA		NA	1	U
Methyl Acetate	10	U		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U		NA
Methylcyclohexane	10	U		NA	10	U		NA	10	U		NA
Methylene Chloride	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	2000		10	U	10	U	10	U	11	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	1	U	10	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA	10.0	U	2.0	U	10.0	U		NA
Ethene	10.0	U		NA	10.0	U	3.0	U	10.0	U		NA
Methane	24.0			NA	5.0	U	16.0	UJ	10.0			NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U		NA	10	UJ		NA	10	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	UJ	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	UJ	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	UJ	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	U		NA	10	U		NA
Benzaldehyde	10	UJ		NA	10	U		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	2.95		10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	UJ	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	UJ	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	UJ	10	U
Total PAH		NA	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.01365	
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	0.70	U		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	3.6	U		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	0.50	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	0.50	U		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	2.8	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	0.50	U		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	1.3	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	0.50	U		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	0.30	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD	0.60	U		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF	1.1	U		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	0.30	U		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF	0.40	U		NA		NA		NA		NA		NA
2,3,7,8-TCDD	0.60	U		NA		NA		NA		NA		NA
2,3,7,8-TCDF	0.30	U		NA		NA		NA		NA		NA
OCDD	8.2	U		NA		NA		NA		NA		NA
OCDF	7.1	J		NA		NA		NA		NA		NA
Total HpCDD	0.70	UJ		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Total HpCDF	3.6	UJ		NA		NA		NA		NA		NA
Total HxCDD	0.50	UJ		NA		NA		NA		NA		NA
Total HxCDF	4.0	UJ		NA		NA		NA		NA		NA
Total PeCDD	0.60	UJ		NA		NA		NA		NA		NA
Total PeCDF	1.1	UJ		NA		NA		NA		NA		NA
Total TCDD	0.60	UJ		NA		NA		NA		NA		NA
Total TCDF	0.30	UJ		NA		NA		NA		NA		NA
Toxicity Equivalency	0.00071	J		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)												
Aluminum	30.0	UJ	11.1	U	250	U	1600		190	U	18.4	U
Antimony	3.7	U	3.9	U	3.5	U	3.9	U	3.7	U	3.9	U
Arsenic	2.5	U	2.3	U	3.8	UJ	2.3	U	2.5	U	2.3	U
Barium	8.0		15.55		29.4		28.6		30.8		6.8	
Beryllium	0.10	U	0.245	U	0.23	U	0.12	J	0.12	UJ	0.10	U
Cadmium	0.40	U	0.20	U	0.48	UJ	0.24		0.40	U	0.20	U
Calcium	41800		13150		16500		53500		64500		9870	
Chromium	0.60	U	1.15	U	0.90	U	34.0		0.62	J	1.45	
Cobalt	0.75	J	13.45		1.5	J	21.5		1.1	J	5.4	
Copper	1.7	UJ	4.8	U	1.3	UJ	3.4		2.2	UJ	0.775	
Cyanide	10.0	U		NA	10.0	U		NA	1.2	J		NA
Iron	152	U	313.5		18.1	U	1380		120	U	11.9	U
Lead	2.3	U	1.0	U	2.3	U	1.5	UJ	2.3	U	1.0	U
Magnesium	3840		3410		4060		7240		7080		2910	
Manganese	184		2525		358		198		254		23.75	
Mercury	0.10	U	0.125	U	0.20	U	0.10	U	0.10	U	0.10	U
Nickel	1.0	U	7.25		5.4	U	27.6		3.6		2.85	
Potassium	2640		2665		2220		2850		4100		2015	
Selenium	3.3	U	3.6	U	3.0	UJ	3.6	U	3.3	U	3.6	U
Silver	0.70	U	1.15	U	1.1	UJ	1.0	U	0.70	U	1.0	U
Sodium	10200		23500		31800		19400		43800		6150	
Thallium	5.1	U	4.4	U	3.1	U	3.6	UJ	5.1	U	4.1	U
Vanadium	0.70	U	1.2	U	2.2	U	1.2	U	0.81	J	1.2	U
Zinc	3.1	U	48.25		34.2	U	28.2		9.9		10.2	
Wet Chemistry Analysis												
Alkalinity	112		30.3		20.0		122		172		14.1	
Carbon Dioxide	102		75.4		85.5	J	3.6		171		25.4	
Carbon Dioxide, Free		NA	75.4			NA		NA		NA		NA
Chloride	8.68		28.5		63.0		26.8		23.0		6.35	
Ferrous Iron	0.030	U	0.48		0.030	U		NA	0.070		0.10	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-306DB-07		OU2-MW-307B-01-AVG		OU2-MW-307B-07		OU2-MW-307DB-01		OU2-MW-307DB-07		OU2-MW-308B-01-AVG	
Sample Location	MW-306DB		MW-307B		MW-307B		MW-307DB		MW-307DB		MW-308B	
Date Sampled	12/19/2002		2/11/1999		12/12/2002		2/25/1999		12/16/2002		2/23/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-307B-01		None		None		None		Field Dup. OU2-MW-308B-01	
Zone	Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Nitrate	0.070	J	1.5		3.2	J	0.060		0.19	J	1.45	
Nitrate-Nitrite (as N)		NA	1.6			NA	0.11			NA	1.5	
Nitrite-N	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	UJ	0.050	U
Sulfate	27.2		25.45		31.2		45.5		58.5		23.4	
Sulfide	0.50	U	0.050	U		R	0.050	U		R	0.050	U
Total Organic Carbon	2.0	U		NA	4.53	J		NA	5.17	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	0.9	UJ	10	U	10	U	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	UJ		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U		NA	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	UJ	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	UJ
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	7	J	10	UJ	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	1	J	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	2800	*	1200	*
Chloroethane	10	U	10	U	10	U	10	UJ	10	U
Chloroform	10	U	1	J	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	U
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U
Methylcyclohexane	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U	10	U	6	J	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	23	J	3	J
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	5	J	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	1	U	10	UJ	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U	2.0	U	10.0	U	2.0	U	11.0	U
Ethene	10.0	U	3.0	U	10.0	U	3.0	U	10.0	
Methane	5.0	U	2.9	UJ	5.0	U	36.0		39.0	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	UJ		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ	10	UJ	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	UJ	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	UJ	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U	2	J
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	U	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	UJ	25	U	25	U
4-Nitrophenol	25	UJ	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	UJ		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	UJ		NA	10	U
Benzaldehyde	10	U		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	72		10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA	10	U		NA	650	*
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	2	J
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	U	10	UJ	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	UJ
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	UJ		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
alpha-BHC	0.050	U	0.050	U	0.050	U	0.026	J	0.050	UJ
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
Aroclor, Total		NA	1.1	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	2.0	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	0.25	U	1.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	0.28	U	1.0	U	0.28	U	1.0	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.0050	JP	0.050	UJ
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
Dieldrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	UJ
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Endrin	0.050	U	0.10	U	0.050	U	0.10	U	0.050	UJ
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	UJ
Heptachlor	0.020	U	0.050	U	0.020	U	0.050	U	0.020	UJ
Heptachlor Epoxide	0.020	U	0.050	U	0.020	U	0.050	U	0.020	UJ
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	17.1	J		NA	3.1	U		NA	2.4	U
1,2,3,4,6,7,8-HpCDF	8.3	J		NA	1.9	U		NA	2.8	J
1,2,3,4,7,8,9-HpCDF	1.7	U		NA	2.4	U		NA	1.8	U
1,2,3,4,7,8-HxCDD	1.9	J		NA	2.0	U		NA	1.6	U
1,2,3,4,7,8-HxCDF	5.5	U		NA	3.2	U		NA	3.9	JB
1,2,3,6,7,8-HxCDD	3.5	J		NA	2.0	U		NA	3.0	EMPC
1,2,3,6,7,8-HxCDF	3.2	U		NA	1.4	U		NA	3.6	JB
1,2,3,7,8,9-HxCDD	4.1	J		NA	2.0	U		NA	4.0	JB
1,2,3,7,8,9-HxCDF	1.3	U		NA	1.8	U		NA	5.0	JB
1,2,3,7,8-PeCDD	1.5	U		NA	1.9	U		NA	4.5	J
1,2,3,7,8-PeCDF	1.1	U		NA	2.6	UEMPC		NA	5.2	JB
2,3,4,6,7,8-HxCDF	3.9	U		NA	1.6	U		NA	2.3	EMPC
2,3,4,7,8-PeCDF	1.2	U		NA	1.5	U		NA	3.5	J
2,3,7,8-TCDD	1.3	U		NA	1.7	U		NA	3.0	U
2,3,7,8-TCDF	1.1	U		NA	1.4	U		NA	2.2	U
OCDD	72.0	J		NA	10.9	EMPC		NA	6.0	JB
OCDF	5.6	J		NA	3.4	U		NA	4.8	JB
Total HpCDD	33.8	J		NA	3.1	UJ		NA	2.4	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Total HpCDF	10.5	J		NA	2.2	UJ		NA	2.8	
Total HxCDD	9.5	UJ		NA	2.0	UJ		NA	22.3	EMPC
Total HxCDF	16.8	UJEMP		NA	3.2	UJ		NA	14.8	EMPC
Total PeCDD	1.5	UJ		NA	1.9	UJ		NA	4.5	
Total PeCDF	5.8	UJ		NA	2.6	UJEMP		NA	8.7	
Total TCDD	1.3	UJ		NA	1.7	UJ		NA	3.0	U
Total TCDF	1.1	UJ		NA	1.4	UJ		NA	2.2	U
Toxicity Equivalency	1.2	J		NA	0.0011	J		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	35.2	U	33.6	U	127	U	193		29.5	UJ
Antimony	3.5	U	3.9	U	3.5	U	3.9	U	1.8	UJ
Arsenic	5.2	UJ	2.3	U	2.9	U	2.3	U	3.6	UJ
Barium	8.0		4.1	U	4.5		62.3		53.0	J
Beryllium	0.12	UJ	0.10	U	0.18	UJ	0.10	UJ	0.20	UJ
Cadmium	0.65	UJ	0.20	U	0.44	UJ	0.20	U	0.30	UJ
Calcium	13600		15600		15400		95300		82900	J
Chromium	0.90	U	885		7.6		14.3		0.95	UJ
Cobalt	1.0	U	16.5		1.0	U	2.1	J	0.90	UJ
Copper	1.3	UJ	11.0		1.3	UJ	1.9		1.7	J
Cyanide		NA		NA		NA		NA	10.0	UJ
Iron	18.1	U	6760		236		285	J	52.5	UJ
Lead	2.3	U	1.0	U	2.3	U	1.9	UJ	1.3	UJ
Magnesium	3760		5870		5560		19000		17200	J
Manganese	2.1	U	103		78.8		163		206	J
Mercury	0.20	U	0.10	U	0.20	U	0.10	U	0.10	U
Nickel	4.3	U	1170		12.4	U	12.6		1.2	UJ
Potassium	1670		2640		1460		3800		3520	
Selenium	3.2	UJ	3.6	U	3.0	UJ	3.6	U	2.1	UJ
Silver	1.1	UJ	1.0	U	1.1	UJ	1.0	J	0.80	UJ
Sodium	8070		6440		4780		78600		81100	J
Thallium	3.1	U	4.5	UJ	3.1	U	3.6	U	3.8	UJ
Vanadium	2.6	U	1.2	U	1.7	UJ	1.5	UJ	0.70	UJ
Zinc	11.7	U	3.1	U	15.4	U	13.4	U	0.60	UJ
Wet Chemistry Analysis										
Alkalinity	18.0		32.6		46.0		54.4		80.0	J
Carbon Dioxide	55.3	J	11.9		55.4	UJ	1.0		78.3	J
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	18.6		7.9		7.0		91.8		96.4	
Ferrous Iron	0.030	U	0.45		0.10		0.30		0.060	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-308B-07		OU2-MW-308DB-01		OU2-MW-308DB-07		OU2-MW-309B-01		OU2-MW-309B-07	
Sample Location	MW-308B		MW-308DB		MW-308DB		MW-309B		MW-309B	
Date Sampled	12/12/2002		2/23/1999		12/12/2002		3/4/1999		1/23/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock		Upgradient Bedrock	
Nitrate	2.74	J	0.97		1.0		0.050	U	0.050	U
Nitrate-Nitrite (as N)		NA	1.0			NA	0.050	U		NA
Nitrite-N	0.050	UJ	0.050	U	0.050	UJ	0.050	U	0.050	U
Sulfate	22.0		28.7		25.8		314		259	
Sulfide		R	0.050	U		R	0.050	U	1.44	J
Total Organic Carbon	2.51	J		NA	2.0	UJ		NA	5.17	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	50	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	50	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U	10	U	10	U		NA
1,1,2-Trichloroethane	50	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	50	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	50	U	0.9	U	0.9	U	0.9	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	UJ	10	UJ	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U	10	U	10	U		NA
1,2-Dibromoethane		NA	10	U	10	U	10	U		NA
1,2-Dichlorobenzene		NA	10	U	10	U	10	U		NA
1,2-Dichloroethane	50	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	50	U		NA		NA		NA	10	U
1,2-Dichloropropane	50	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U	10	U	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U	10	U	10	U		NA
1,4-Dioxane		NA		NA	100	UJ	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	50	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	50	U	10	UJ	10	UJ	10	UJ	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	50	U	10	U	10	U	10	U	10	U
Acetone	50	U	10	U	10	U	10	U	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	50	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	50	U	10	U	10	U	10	U	10	U
Bromoform	50	U	10	U	10	U	10	U	10	U
Bromomethane	50	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Carbon Disulfide	50	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	50	U	10	U	10	U	10	U	10	U
Chlorobenzene	520		14		14		14		10	U
Chloroethane	50	UJ	10	U	10	U	10	U	10	UJ
Chloroform	50	U	10	U	10	U	10	U	10	U
Chloromethane	50	UJ	10	U	10	U	10	U	10	UJ
cis-1,2-Dichloroethene		NA	10	U	10	U	10	U		NA
cis-1,3-Dichloropropene	50	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U	10	U	10	U		NA
Dibromochloromethane	50	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	U	10	U	10	U		NA
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	50	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U	10	U	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U	10	U	10	U		NA
Methyl tert-Butyl Ether		NA	4		10	U	3	J		NA
Methylcyclohexane		NA	10	U	10	U	10	U		NA
Methylene Chloride	50	UJ	10	U	10	U	10	U	10	UJ
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	50	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	50	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	50	U	10	U	10	U	10	U	10	U
Total Xylenes	50	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U	10	U	10	U		NA
trans-1,3-Dichloropropene	50	U	10	U	10	U	10	U	10	U
Trichloroethene	50	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Trichlorofluoromethane		NA	10	U	10	U	10	UJ		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	50	U	1	U	1	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	2.0	U	10.0	U	10.0	U	10.0	U	2.0	U
Ethene	3.0	U	10.0	U	10.0	U	10.0	U	3.0	U
Methane	66.0		9.8		10.0		9.5		4.7	UJ
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U	10	U	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA		NA		NA	10	U
1,2-Dichlorobenzene	10	U		NA		NA		NA	10	U
1,3-Dichlorobenzene	10	U		NA		NA		NA	10	U
1,4-Dichlorobenzene	10	U		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	36		68		10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
2-Chlorophenol	10	U	4		2	J	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	12		18		10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	4		3	J	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	170		340	*	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U	10	U	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U	10	U	10	U		NA
Benzaldehyde		NA	10	UJ	10	UJ	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	UJ	10	UJ	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	3		10	U	1	J		NA
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	UJ	10	UJ	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	0.6	J	10	UJ	10	UJ	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ	10	UJ	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	4		3	J	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	78		150	*	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U	0.20	U	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U	0.20	U	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U	0.20	U	0.20	UJ		NA
Benzo(b)fluoranthene		NA	0.20		0.20	U	0.31	*J		NA
Benzo(k)fluoranthene		NA	0.20	U	0.20	U	0.20	U		NA
Chrysene		NA	0.16		0.20	U	0.23	*J		NA
Dibenzo(a,h)anthracene		NA	0.20	U	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U	0.20	U	0.20	U		NA
Phenanthrene		NA	0.20	U	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.034	JP	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA		NA		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	0.25	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	0.25	U	0.25	U	1.0	U
Aroclor-1260	1.0	U	0.25	U	0.25	U	0.25	U	1.0	U
Aroclor-1262	1.0	U	0.28	U	0.28	U	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.050	U	0.050	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.050	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.020	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U	0.020	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA	2.9		4.8	EMPC	1.9	U		NA
1,2,3,4,6,7,8-HpCDF		NA	3.2		5.8	J	1.2	U		NA
1,2,3,4,7,8,9-HpCDF		NA	4.0		7.3	J	1.5	U		NA
1,2,3,4,7,8-HxCDD		NA	2.6		4.5	EMPC	1.2	U		NA
1,2,3,4,7,8-HxCDF		NA	4.2		7.9	JB	0.90	U		NA
1,2,3,6,7,8-HxCDD		NA	2.2		3.8	EMPC	1.2	U		NA
1,2,3,6,7,8-HxCDF		NA	4.0		7.6	JB	0.80	U		NA
1,2,3,7,8,9-HxCDD		NA	4.0		7.4	JB	1.2	U		NA
1,2,3,7,8,9-HxCDF		NA	5.2		9.9	JB	1.0	U		NA
1,2,3,7,8-PeCDD		NA	4.7		8.6	EMPC	1.5	U		NA
1,2,3,7,8-PeCDF		NA	5.4		10.3	JB	0.90	U		NA
2,3,4,6,7,8-HxCDF		NA	3.6		6.8	JB	0.90	U		NA
2,3,4,7,8-PeCDF		NA	4.6		8.8	J	1.0	U		NA
2,3,7,8-TCDD		NA	3.3		5.9	EMPC	1.3	U		NA
2,3,7,8-TCDF		NA	2.5		4.6	J	0.90	U		NA
OCDD		NA	10.9		20.2	JB	3.3	U		NA
OCDF		NA	4.9		8.6	EMPC	2.3	U		NA
Total HpCDD		NA	2.9		4.8	EMPC	1.9	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Total HpCDF		NA	6.8		13.0		1.3	U		NA
Total HxCDD		NA	8.1		15.6	EMPC	1.2	U		NA
Total HxCDF		NA	16.3		32.2		0.90	U		NA
Total PeCDD		NA	4.7		8.6	EMPC	1.5	U		NA
Total PeCDF		NA	9.8		19.1		0.90	U		NA
Total TCDD		NA	3.3		5.9	EMPC	1.3	U		NA
Total TCDF		NA	2.5		4.6		0.90	U		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	32.0		29.5	UJ	29.5	UJ	30.0	UJ	24.6	
Antimony	3.9	U	1.8	UJ	1.8	UJ	1.8	UJ	3.9	U
Arsenic	2.3	U	3.6	UJ	3.6	UJ	3.6	UJ	2.3	U
Barium	73.6		140		142	J	138	J	34.0	
Beryllium	0.10	U	0.20	UJ	0.20	UJ	0.20	UJ	0.12	UJ
Cadmium	0.20	U	0.30	UJ	0.30	UJ	0.30	UJ	0.28	J
Calcium	125000		222000		226000	J	219000	J	17200	
Chromium	0.80	U	0.94	UJ	0.94	UJ	1.3	UJ	1.9	U
Cobalt	3.5		2.2		2.1	J	2.2	J	2.7	J
Copper	1.6	J	1.4		1.6	J	1.2	J	0.94	J
Cyanide		NA	0.88	UJ	0.88	UJ	0.46	UJ		NA
Iron	12.4	U	15.0	UJ	15.0	UJ	15.0	UJ	160	J
Lead	1.0	U	1.3	UJ	1.3	UJ	1.3	UJ	1.4	UJ
Magnesium	85800		146000		148000	J	144000	J	4080	
Manganese	1750		2030		2060	J	2000	J	1200	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	12.0		7.0		7.1	J	7.0	J	3.6	J
Potassium	7900		12000		12200		11800		5030	
Selenium	3.6	U	2.1	UJ	2.1	UJ	2.1	UJ	3.6	U
Silver	1.0	U	0.80	UJ	0.80	UJ	0.80	UJ	1.0	U
Sodium	176000		234000		238000	J	230000	J	21300	
Thallium	3.6	U	3.8	UJ	3.8	UJ	3.8	UJ	3.6	U
Vanadium	1.2	U	0.70	UJ	0.70	UJ	0.70	UJ	1.2	U
Zinc	11.2	U	0.60	UJ	0.60	UJ	0.60	UJ	7.4	U
Wet Chemistry Analysis										
Alkalinity	220		109		110	J	108	J	36.1	
Carbon Dioxide	68.1		114		119	J	109	J	45.5	
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	522		959		968		950		22.1	
Ferrous Iron	0.19		0.030	U	0.030	U	0.030	U	0.080	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309D-01		OU2-MW-309D-07-AVG		OU2-MW-309D-07		OU2-MW-DUP21-07		OU2-MW-309S-01	
Sample Location	MW-309D		MW-309D		MW-309D		MW-309D		MW-309S	
Date Sampled	3/4/1999		1/23/2003		1/23/2003		1/23/2003		3/5/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		Field Dup. OU2-MW-309D-07		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Nitrate	0.050	U	0.050	U	0.050	U	0.050	U	3.9	
Nitrate-Nitrite (as N)	0.050	U		NA		NA		NA	3.9	
Nitrite-N	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Sulfate	126		82.5		82.4		82.5		36.6	
Sulfide	0.050	U		R		R		R	0.050	U
Total Organic Carbon		NA	2.8		2.76		2.92			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AVG
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	10	U		NA	360	*	370		115		16
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	10	U	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA	10
1,1,2-Trichloroethane	10	U		NA	10	U	4	J	10	U	10
1,1-Dichloroethane	10	U		NA	190	J	270		44.5		14
1,1-Dichloroethene	0.9	U		NA	340	*	730	*	114		38
1,1-Dichloropropene		NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA	
1,2,3-Trichloropropane		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	U		NA	10
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA	
1,2-Dibromo-3-chloropropane	10	U		NA		NA	10	U		NA	10
1,2-Dibromoethane	10	U		NA		NA	10	U		NA	10
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA	10
1,2-Dichloroethane	10	U		NA	10	U	4	J	10	U	10
1,2-Dichloroethene (total)		NA		NA	1300	*		NA	195		
1,2-Dichloropropane	10	U		NA	10	U	10	U	10	U	10
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA	
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA	10
1,3-Dichloropropane		NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA	10
1,4-Dioxane	100	UJ		NA		NA	880	J		NA	
2,2-Dichloropropane		NA		NA		NA		NA		NA	
2-Butanone	10	U		NA	10	U	10	U	10	U	10
2-Chlorotoluene		NA		NA		NA		NA		NA	
2-Hexanone	10	UJ		NA	10	U	10	U	10	U	10
4-Chlorotoluene		NA		NA		NA		NA		NA	
4-Methyl-2-Pentanone	10	U		NA	10	U	10	U	10	U	10
Acetone	10	U		NA	10	U	10	U	10	U	10
Acrolein		NA		NA		NA		NA		NA	
Acrylonitrile		NA		NA		NA		NA		NA	
Benzene	10	U		NA	19		24		2.5		10
Bromobenzene		NA		NA		NA		NA		NA	
Bromochloromethane		NA		NA		NA		NA		NA	
Bromodichloromethane	10	U		NA	10	U	10	U	10	U	10
Bromoform	10	U		NA	10	U	10	U	10	U	10
Bromomethane	10	U		NA	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Carbon Disulfide	10	U		NA	10	U	10	U	10	U	10
Carbon Tetrachloride	10	U		NA	10	U	10	U	10	U	10
Chlorobenzene	10	U		NA	36		52		7		2
Chloroethane	10	U		NA	10	U	10	U	10	U	10
Chloroform	10	U		NA	10	U	2	J	10	U	10
Chloromethane	10	U		NA	10	U	10	U	10	U	10
cis-1,2-Dichloroethene	10	U		NA		NA	1500	*		NA	71
cis-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10
Cyclohexane	10	U		NA		NA	10	U		NA	10
Dibromochloromethane	10	U		NA	10	U	10	U	10	U	10
Dibromomethane		NA		NA		NA		NA		NA	
Dichlorodifluoromethane	10	U		NA		NA	10	UJ		NA	10
Ethane		NA		NA		NA		NA	2	U	
Ethene		NA		NA		NA		NA	3	U	
Ethyl Ether		NA		NA		NA		NA		NA	
Ethylbenzene	10	U		NA	10	U	10	U	10	U	10
Hexachlorobutadiene		NA		NA		NA		NA		NA	
Isopropylbenzene	10	U		NA		NA	10	U		NA	10
m&p-Xylene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA	91		
Methyl Acetate	10	U		NA		NA	10	U		NA	10
Methyl tert-Butyl Ether	10	U		NA		NA	10	U		NA	10
Methylcyclohexane	10	U		NA		NA	2	J		NA	10
Methylene Chloride	10	U		NA	10	U	10	U	10	U	10
Naphthalene		NA		NA		NA		NA		NA	
N-Butylbenzene		NA		NA		NA		NA		NA	
N-Propylbenzene		NA		NA		NA		NA		NA	
o-Xylene		NA		NA		NA		NA		NA	
p-Isopropyltoluene		NA		NA		NA		NA		NA	
Sec-Butylbenzene		NA		NA		NA		NA		NA	
Styrene	10	U		NA	10	U	10	U	10	U	10
Tert-Butylbenzene		NA		NA		NA		NA		NA	
Tetrachloroethene	10	U		NA	10	U	4	J	10	U	10
Tetrahydrofuran		NA		NA		NA		NA		NA	
Toluene	10	U		NA	10	J	1	J	10	U	10
Total Xylenes	10	U		NA	10	U	10	U	10	U	10
trans-1,2-Dichloroethene	10	U		NA		NA	10	U		NA	10
trans-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U	10
Trichloroethene	10	U		NA	1000	*	1100	*	130		47

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Trichlorofluoromethane	10	U		NA		NA	10	U		NA	10
Vinyl Acetate		NA		NA		NA		NA		NA	
Vinyl Chloride	1	U		NA	110		160		12.5		3
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	10.0	U		NA	11.0	J	11.0			NA	10.0
Ethene	10.0	U		NA	9.8	J	12.0			NA	10.0
Methane	100			NA	2200	J	2600			NA	27.0
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA	64	J		NA		NA		NA	
1,1-Dichloroethane		NA	42	J		NA		NA		NA	
1,1-Dichloroethene		NA	101	J		NA		NA		NA	
1,2-Dichloroethane		NA	5	UJ		NA		NA		NA	
1,2-Dichloroethene (total)		NA	326	J		NA		NA		NA	
Benzene		NA	4	J		NA		NA		NA	
Chlorobenzene		NA	9	J		NA		NA		NA	
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA	
Ethylbenzene		NA	5	UJ		NA		NA		NA	
Methylene Chloride		NA	5	UJ		NA		NA		NA	
Tetrachloroethene		NA	5	J		NA		NA		NA	
Toluene		NA	2	J		NA		NA		NA	
Total Xylenes		NA	5	UJ		NA		NA		NA	
Trichloroethene		NA	311	J		NA		NA		NA	
Vinyl Chloride		NA	167	J		NA		NA		NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U		NA		NA	10	U		NA	10
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U	
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U	
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U	
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U	
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U	10	U	10	U	10
2,4,5-Trichlorophenol	25	U		NA	25	U	25	U	25	U	25
2,4,6-Trichlorophenol	10	U		NA	10	U	10	U	10	U	10
2,4-Dichlorophenol	10	U		NA	10	U	10	U	10	U	10
2,4-Dimethylphenol	10	U		NA	10	U	10	U	10	U	10
2,4-Dinitrophenol	25	U		NA	25	U	25	UJ	25	U	25
2,4-Dinitrotoluene	10	U		NA	10	U	10	U	10	U	10
2,6-Dinitrotoluene	10	U		NA	10	U	10	U	10	U	10
2-Chloronaphthalene	10	U		NA	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
2-Chlorophenol	10	U		NA	10	U	10	U	10	U	10
2-Methylnaphthalene	10	U		NA	10	U	10	U	10	U	10
2-Methylphenol	10	U		NA	10	U	10	U	10	U	10
2-Nitroaniline	25	U		NA	25	U	25	U	25	U	25
2-Nitrophenol	10	U		NA	10	U	10	U	10	U	10
3,3'-Dichlorobenzidine	10	U		NA	10	U	10	U	10	U	10
3-Nitroaniline	25	U		NA	25	U	25	U	25	U	25
4,6-Dinitro-2-methylphenol	25	U		NA	25	U	25	U	25	U	25
4-Bromophenyl-phenylether	10	U		NA	10	U	10	U	10	U	10
4-Chloro-3-methylphenol	10	U		NA	10	U	10	U	10	U	10
4-Chloroaniline	10	UJ		NA	10	U	10	UJ	10	U	10
4-Chlorophenyl-phenylether	10	U		NA	10	U	10	U	10	U	10
4-Methylphenol	10	U		NA	10	UJ	10	U	10	U	10
4-Nitroaniline	25	U		NA	25	U	25	U	25	U	25
4-Nitrophenol	25	U		NA	2	J	2	J	6.5		25
Acenaphthene	10	U		NA	10	U	10	U	10	U	10
Acenaphthylene	10	U		NA	10	U	10	U	10	U	10
Acetophenone	10	U		NA		NA	10	U		NA	10
Anthracene	10	U		NA	10	U	10	U	10	U	10
Atrazine	10	U		NA		NA	10	U		NA	10
Benzaldehyde	10	UJ		NA		NA	10	UJ		NA	10
Benzo(a)anthracene	10	U		NA	10	U	10	U	10	U	10
Benzo(a)pyrene	10	U		NA	10	U	10	U	10	U	10
Benzo(b)fluoranthene	10	U		NA	10	U	10	U	10	U	10
Benzo(g,h,i)perylene	10	UJ		NA	10	U	10	U	10	U	10
Benzo(k)fluoranthene	10	U		NA	10	U	10	U	10	U	10
Bis(2-Chloroethoxy)methane	10	U		NA	10	U	10	U	10	U	10
Bis(2-Chloroethyl)ether	10	U		NA	10	U	10	U	10	U	10
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U	10	U	10	U	10
Butylbenzylphthalate	10	U		NA	10	U	10	U	10	U	10
Caprolactam	10	U		NA		NA	10	U		NA	10
Carbazole	10	U		NA	10	U	10	U	10	U	10
Chrysene	10	U		NA	10	U	10	U	10	U	10
Dibenzo(a,h)anthracene	10	UJ		NA	10	U	10	U	10	U	10
Dibenzofuran	10	U		NA	10	U	10	U	10	U	10
Diethylphthalate	10	U		NA	10	U	10	U	10	U	10
Dimethylphthalate	10	U		NA	10	U	10	U	10	U	10
Di-n-Butylphthalate	10	U		NA	10	U	10	U	10	U	10
Di-n-octylphthalate	10	UJ		NA	10	U	10	U	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Fluoranthene	10	U		NA	10	U	10	U	10	U	10
Fluorene	10	U		NA	10	U	10	U	10	U	10
Hexachlorobenzene	10	U		NA	10	U	10	U	10	U	10
Hexachlorobutadiene	10	U		NA	10	U	10	U	10	U	10
Hexachlorocyclopentadiene	10	U		NA	10	U	10	U	10	U	10
Hexachloroethane	10	U		NA	10	U	10	U	10	U	10
Indeno(1,2,3-cd)pyrene	10	UJ		NA	10	U	10	U	10	U	10
Isophorone	10	U		NA	10	U	10	U	10	U	10
Naphthalene	10	U		NA	10	U	10	U	10	U	10
Nitrobenzene	10	U		NA	10	U	10	U	10	U	10
N-Nitroso-di-n-propylamine	10	U		NA	10	U	10	U	10	U	10
N-Nitroso-diphenylamine	10	U		NA	0.6	J	10	U	10	U	10
Pentachlorophenol	25	U		NA	25	U	25	U	25	U	25
Phenanthrene	10	U		NA	10	U	10	U	10	U	10
Phenol	10	U		NA	10	U	10	U	10	U	10
Pyrene	10	U		NA	10	U	10	U	10	U	10
Total PAH		NA		NA	10	U		NA	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA	0.20
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA	0.20
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA	0.20
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA	0.20
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA	0.20
Chrysene	0.20	U		NA		NA	0.20	U		NA	0.20
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA	0.20
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA	0.20
Phenanthrene	0.20	U		NA		NA	0.20	U		NA	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDE	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
4,4'-DDT	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
Aldrin	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050
alpha-BHC	0.050	U		NA	0.050	U	0.050	U	0.0103		0.050
alpha-Chlordane	0.050	U		NA	0.050	U	0.050	U	0.0141		0.050
Aroclor, Total		NA		NA	1.1	U		NA	1.1	U	
Aroclor-1016	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1221	0.25	U		NA	2.0	U	0.25	U	2.0	U	0.25
Aroclor-1232	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1242	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Aroclor-1248	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0
Aroclor-1254	0.25	U		NA	1.0	U	0.25	U	1.0	U	0.25
Aroclor-1260	0.25	U		NA	1.0	U	0.25	U	1.0	U	0.25
Aroclor-1262	0.28	U		NA	1.0	U	0.28	U	1.0	U	0.28
Aroclor-1268	1.0	U		NA	1.0	U	1.0	U	1.0	U	1.0
beta-BHC	0.050	U		NA	0.028	J	0.050	U	0.01635		0.050
delta-BHC	0.050	U		NA	0.0026	J	0.050	U	0.01435		0.050
Dieldrin	0.050	U		NA	0.10	U	0.050	U	0.10	U	0.050
Endosulfan I	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050
Endosulfan II	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
Endosulfan Sulfate	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
Endrin	0.050	U		NA	0.10	U	0.050	U	0.10	U	0.050
Endrin Aldehyde	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
Endrin Ketone	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
gamma-BHC	0.050	U		NA	0.050	U	0.050	U	0.0147		0.050
gamma-Chlordane	0.050	U		NA	0.050	U	0.050	U	0.050	U	0.050
Heptachlor	0.020	U		NA	0.050	U	0.020	U	0.050	U	0.020
Heptachlor Epoxide	0.020	U		NA	0.050	U	0.020	U	0.050	U	0.020
Methoxychlor	0.50	U		NA	0.50	U	0.50	U	0.50	U	0.50
Toxaphene	5.0	U		NA	5.0	U	5.0	U	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	2.6	U		NA		NA	2.1	U		NA	1.7
1,2,3,4,6,7,8-HpCDF	1.3	U		NA		NA	1.3	U		NA	0.83
1,2,3,4,7,8,9-HpCDF	1.7	U		NA		NA	1.2	U		NA	1.1
1,2,3,4,7,8-HxCDD	3.0	J		NA		NA	1.0	U		NA	1.5
1,2,3,4,7,8-HxCDF	3.1	JB		NA		NA	1.7	U		NA	1.1
1,2,3,6,7,8-HxCDD	1.8	U		NA		NA	1.0	U		NA	1.4
1,2,3,6,7,8-HxCDF	3.2	JB		NA		NA	0.60	U		NA	0.73
1,2,3,7,8,9-HxCDD	3.9	JB		NA		NA	1.0	U		NA	1.5
1,2,3,7,8,9-HxCDF	3.6	EMPC		NA		NA	0.80	U		NA	0.95
1,2,3,7,8-PeCDD	5.1	EMPC		NA		NA	0.90	U		NA	0.80
1,2,3,7,8-PeCDF	1.6	U		NA		NA	0.60	U		NA	0.71
2,3,4,6,7,8-HxCDF	2.6	JB		NA		NA	1.0	U		NA	0.87
2,3,4,7,8-PeCDF	2.8	EMPC		NA		NA	0.70	U		NA	0.97
2,3,7,8-TCDD	3.9	U		NA		NA	0.90	U		NA	0.70
2,3,7,8-TCDF	3.0	U		NA		NA	0.60	U		NA	0.50
OCDD	9.8	EMPC		NA		NA	8.5	U		NA	5.0
OCDF	2.9	U		NA		NA	3.1	U		NA	2.7
Total HpCDD	2.6	U		NA		NA	2.1	UJ		NA	1.7

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Total HpCDF	1.5	U		NA		NA	1.3	UJ		NA	0.87
Total HxCDD	23.5	EMPC		NA		NA	1.0	UJ		NA	5.2
Total HxCDF	12.5	EMPC		NA		NA	2.7	UJ		NA	3.1
Total PeCDD	5.1	EMPC		NA		NA	1.7	EMPC		NA	1.4
Total PeCDF	2.8	EMPC		NA		NA	0.70	UJ		NA	1.5
Total TCDD	3.9	U		NA		NA	0.90	UJ		NA	1.2
Total TCDF	3.0	U		NA		NA	0.60	UJ		NA	0.50
Toxicity Equivalency		NA		NA		NA	0.00	U		NA	0.33
TAL Metal Analysis (UG/L)											
Aluminum	29.5	UJ		NA	477		126	U	207.5		22.8
Antimony	1.8	UJ		NA	126	J	3.7	U	58.5		3.7
Arsenic	3.6	UJ		NA	2.4	J	2.5	U	1.7	U	2.5
Barium	59.0	J		NA	44.0		24.3	J	42.8		31.6
Beryllium	0.20	UJ		NA	0.89	U	0.29	U	0.89	U	0.10
Cadmium	0.33	UJ		NA	6.0	J	0.72	J	4.8	U	0.40
Calcium	27700	J		NA	229000		249000		29650		30000
Chromium	1.6	UJ		NA	4.0	U	13.3	J	3.2		1.0
Cobalt	0.90	UJ		NA	114		82.7	J	64.3		5.0
Copper	1.9	J		NA	4.9	J	1.4	U	3.8	U	1.1
Cyanide	10.0	UJ		NA		NA		NA		NA	
Iron	15.0	UJ		NA	1010	J	643		300		13.7
Lead	1.3	UJ		NA	6.2		11.3		0.745		2.3
Magnesium	6970	J		NA	239000		280000		15250		12000
Manganese	949	J		NA	73600		82200	J	13850		2080
Mercury	0.10	U		NA	0.10	U	0.10	U	0.10	U	0.10
Nickel	1.9	J		NA	108	J	66.5	J	84.1		11.9
Potassium	5030			NA	28800		59400		7950		5800
Selenium	2.1	UJ		NA	2.0	U	37.2	J	2.0	U	2.6
Silver	0.80	UJ		NA	15.0		4.0		4.2	U	0.70
Sodium	68900	J		NA	1360000		1570000		37600		34500
Thallium	3.8	UJ		NA	11.1	U	42.8	J	3.3	U	5.1
Vanadium	0.70	UJ		NA	4.0	U	0.70	U	4.0	U	0.70
Zinc	0.60	UJ		NA	215		23.4	J	57.55		7.1
Wet Chemistry Analysis											
Alkalinity	86.0	J		NA	290		335		33.25		42.5
Carbon Dioxide	114	J		NA	152		488		58.25		63.3
Carbon Dioxide, Free		NA		NA	152			NA	58.25		
Chloride	90.2			NA	836		870		80.2		54.0
Ferrous Iron	0.030	U		NA	0.75		0.72		0.11		0.030

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-309S-07		OU2-GW-310-01		OU2-MW-310B-01		OU2-MW-310B-07		OU2-MW-310D-01-AVG		OU2-MW-310D-07-AV(
Sample Location	MW-309S		GW-310		MW-310B		MW-310B		MW-310D		MW-310D
Date Sampled	1/23/2003		12/18/1998		1/28/1999		12/19/2002		1/28/1999		12/19/2002
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		Field Dup. OU2-MW-310D-01		Field Dup. OU2-MW-310D-07
Zone	Upgradient Overburden		Overburden		Bedrock		Bedrock		Overburden		Overburden
Nitrate	2.88			NA	0.050	U	0.050	UJ	2.75		3.3
Nitrate-Nitrite (as N)		NA		NA	0.050	U		NA	2.75		
Nitrite-N	0.050	U		NA	0.050	U	0.050	UJ	0.050	U	0.050
Sulfate	42.3			NA	3190		3200		120		58.9
Sulfide		R		NA	0.050	U	0.50	U	0.050	U	0.50
Total Organic Carbon	3.61			NA		NA	3.18			NA	2.0

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Volatile Organic Analysis (UG/L)											
1,1,1,2-Tetrachloroethane	NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane		11	J	22	J	10	U	10	U		NA
1,1,2,2-Tetrachloroethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	UJ	10	UJ	10	UJ		NA	10	U		NA
1,1,2-Trichloroethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
1,1-Dichloroethane		9	J	18	J	10	U	10	U		NA
1,1-Dichloroethene		25	J	50	J	10	U	0.9	U		NA
1,1-Dichloropropene	NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene	NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane	NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	UJ	10	UJ	10	UJ		NA	10	U		NA
1,2,4-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	UJ	10	UJ	10	UJ		NA	10	U		NA
1,2-Dibromoethane	UJ	10	UJ	10	UJ		NA	10	U		NA
1,2-Dichlorobenzene	UJ	10	UJ	10	UJ		NA	10	U		NA
1,2-Dichloroethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
1,2-Dichloroethene (total)	NA		NA		NA	10	U		NA		NA
1,2-Dichloropropane	UJ	10	UJ	10	UJ	10	U	10	U		NA
1,3,5-Trimethylbenzene	NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	UJ	10	UJ	10	UJ		NA	10	U		NA
1,3-Dichloropropane	NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	UJ	10	UJ	10	UJ		NA	10	U		NA
1,4-Dioxane	NA	100	UJ	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane	NA		NA		NA		NA		NA		NA
2-Butanone	UJ	10	UJ	10	UJ	10	U	10	U		NA
2-Chlorotoluene	NA		NA		NA		NA		NA		NA
2-Hexanone	UJ	10	UJ	10	UJ	10	U	10	U		NA
4-Chlorotoluene	NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	UJ	10	UJ	10	UJ	10	U	10	U		NA
Acetone	UJ	10	UJ	10	UJ	10	U	10	U		NA
Acrolein	NA		NA		NA		NA		NA		NA
Acrylonitrile	NA		NA		NA		NA		NA		NA
Benzene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Bromobenzene	NA		NA		NA		NA		NA		NA
Bromochloromethane	NA		NA		NA		NA		NA		NA
Bromodichloromethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
Bromoform	UJ	10	UJ	10	UJ	10	U	10	U		NA
Bromomethane	UJ	10	UJ	10	UJ		NA	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Carbon Disulfide	UJ	10	UJ	10	UJ	10	U	10	U		NA
Carbon Tetrachloride	UJ	10	UJ	10	UJ	10	U	10	U		NA
Chlorobenzene		1	J	2	J	10	U	10	U		NA
Chloroethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
Chloroform	UJ	10	UJ	10	UJ	10	U	10	U		NA
Chloromethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
cis-1,2-Dichloroethene		46	J	96	J		NA	10	U		NA
cis-1,3-Dichloropropene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Cyclohexane	UJ	10	UJ	10	UJ		NA	10	U		NA
Dibromochloromethane	UJ	10	UJ	10	UJ	10	U	10	U		NA
Dibromomethane	NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Ethane	NA		NA		NA	2	U		NA		NA
Ethene	NA		NA		NA	3	U		NA		NA
Ethyl Ether	NA		NA		NA		NA		NA		NA
Ethylbenzene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Hexachlorobutadiene	NA		NA		NA		NA		NA		NA
Isopropylbenzene	UJ	10	UJ	10	UJ		NA	10	U		NA
m&p-Xylene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA	1	U		NA		NA
Methyl Acetate	UJ	10	UJ	10	UJ		NA	10	U		NA
Methyl tert-Butyl Ether	UJ	10	UJ	10	UJ		NA	10	U		NA
Methylcyclohexane	UJ	10	UJ	10	UJ		NA	10	U		NA
Methylene Chloride	UJ	10	UJ	10	UJ	11	U	10	U		NA
Naphthalene	NA		NA		NA		NA		NA		NA
N-Butylbenzene	NA		NA		NA		NA		NA		NA
N-Propylbenzene	NA		NA		NA		NA		NA		NA
o-Xylene	NA		NA		NA		NA		NA		NA
p-Isopropyltoluene	NA		NA		NA		NA		NA		NA
Sec-Butylbenzene	NA		NA		NA		NA		NA		NA
Styrene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Tert-Butylbenzene	NA		NA		NA		NA		NA		NA
Tetrachloroethene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Tetrahydrofuran	NA		NA		NA		NA		NA		NA
Toluene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Total Xylenes	UJ	10	UJ	10	UJ	10	U	10	U		NA
trans-1,2-Dichloroethene	UJ	10	UJ	10	UJ		NA	10	U		NA
trans-1,3-Dichloropropene	UJ	10	UJ	10	UJ	10	U	10	U		NA
Trichloroethene		32	J	62	J	10	U	10	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Trichlorofluoromethane	UJ	10	UJ	10	UJ		NA	10	U		NA
Vinyl Acetate	NA		NA		NA		NA		NA		NA
Vinyl Chloride		2	J	4	J	10	U	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	U	10.0	U	10.0	U		NA	10.0	U		NA
Ethene	U	10.0	U	10.0	U		NA	10.0	U		NA
Methane		24.0		30.0			NA	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA	1	U
1,1-Dichloroethane	NA		NA		NA		NA		NA	1	U
1,1-Dichloroethene	NA		NA		NA		NA		NA	1	U
1,2-Dichloroethane	NA		NA		NA		NA		NA	1	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA	1	U
Benzene	NA		NA		NA		NA		NA	1	U
Chlorobenzene	NA		NA		NA		NA		NA	1	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA		NA
Ethylbenzene	NA		NA		NA		NA		NA	1	U
Methylene Chloride	NA		NA		NA		NA		NA	1	U
Tetrachloroethene	NA		NA		NA		NA		NA	1	U
Toluene	NA		NA		NA		NA		NA	1	U
Total Xylenes	NA		NA		NA		NA		NA	1	U
Trichloroethene	NA		NA		NA		NA		NA	1	U
Vinyl Chloride	NA		NA		NA		NA		NA	1	U
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U	10	U	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	NA		NA		NA	10	U		NA		NA
1,2-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
1,3-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
1,4-Dichlorobenzene	NA		NA		NA	10	U		NA		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dinitrophenol	U	25	U	25	UJ	25	U	25	U		NA
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U		NA

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Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
2-Chlorophenol	U	10	U	10	U	10	U	10	U		NA
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U		NA
2-Methylphenol	U	10	U	10	U	10	U	10	U		NA
2-Nitroaniline	U	25	U	25	U	25	U	25	U		NA
2-Nitrophenol	U	10	U	10	U	10	U	10	U		NA
3,3'-Dichlorobenzidine	U	10	U	10	U	10	U	10	U		NA
3-Nitroaniline	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U		NA
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U		NA
4-Chloroaniline	UJ	10	UJ	10	UJ	10	U	10	UJ		NA
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	U	10	U	10	U	10	U	10	U		NA
4-Nitroaniline	U	25	U	25	U	25	U	25	U		NA
4-Nitrophenol	U	25	U	25	U	25	U	25	U		NA
Acenaphthene	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	U	10	U	10	U	10	U	10	U		NA
Acetophenone	U	10	U	10	U		NA	10	U		NA
Anthracene	U	10	U	10	U	10	U	10	U		NA
Atrazine	U	10	U	10	U		NA	10	U		NA
Benzaldehyde	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U		NA
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U		NA
Benzo(g,h,i)perylene	U	10	U	10	U	10	U	10	U		NA
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U		NA
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U		NA
Caprolactam	U	10	U	10	U		NA	10	U		NA
Carbazole	U	10	U	10	U	10	U	10	U		NA
Chrysene	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U		NA
Dibenzofuran	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Fluoranthene	U	10	U	10	U	10	U	10	U		NA
Fluorene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	U	10	U	10	U	10	U	10	U		NA
Hexachloroethane	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U	10	U		NA
Isophorone	U	10	U	10	U	10	U	10	U		NA
Naphthalene	U	10	U	10	U	10	U	10	U		NA
Nitrobenzene	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	U	25	U	25	U	25	U	25	U		NA
Phenanthrene	U	10	U	10	U	10	U	10	U		NA
Phenol	U	10	U	10	U	10	U	10	U		NA
Pyrene	U	10	U	10	U	10	U	10	U		NA
Total PAH	NA		NA		NA	10	U		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	U	0.20	U	0.20	U		NA	0.20	U		NA
Chrysene	U	0.20	U	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	U	0.20	U	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	U	0.20	U	0.20	U		NA	0.20	U		NA
Phenanthrene	U	0.20	U	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total	NA		NA		NA	1.1	U		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	U	0.25	U	0.25	U	2.0	U	0.25	U		NA
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	U	0.25	U	0.25	U	1.0	U	0.25	U		NA
Aroclor-1260	U	0.25	U	0.25	U	1.0	U	0.25	U		NA
Aroclor-1262	U	0.28	U	0.28	U	1.0	U	0.28	U		NA
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Dieldrin	U	0.050	U	0.050	U	0.10	U	0.050	U		NA
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	U	0.050	U	0.050	U	0.10	U	0.050	U		NA
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	U	0.020	U	0.020	U	0.050	U	0.020	U		NA
Heptachlor Epoxide	U	0.020	U	0.020	U	0.050	U	0.020	U		NA
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	U	1.7	U	2.1	U		NA	1.2	U		NA
1,2,3,4,6,7,8-HpCDF		2.2	U	0.90	U		NA	1.5	U		NA
1,2,3,4,7,8,9-HpCDF	U	1.1	U	1.2	U		NA	0.90	U		NA
1,2,3,4,7,8-HxCDD		2.5	J	0.90	U		NA	0.80	U		NA
1,2,3,4,7,8-HxCDF		3.0	U	0.79	UEMPC		NA	1.6	U		NA
1,2,3,6,7,8-HxCDD		2.4	J	0.90	U		NA	0.80	U		NA
1,2,3,6,7,8-HxCDF		2.1	U	0.60	U		NA	0.81	UEMPC		NA
1,2,3,7,8,9-HxCDD		2.6	J	0.90	U		NA	0.70	U		NA
1,2,3,7,8,9-HxCDF		2.8	UEMPC	0.70	U		NA	1.5	U		NA
1,2,3,7,8-PeCDD	U	0.80	U	1.0	U		NA	0.70	U		NA
1,2,3,7,8-PeCDF		2.0	UEMPC	0.60	U		NA	2.2	UEMPC		NA
2,3,4,6,7,8-HxCDF		2.6	U	0.60	U		NA	1.2	U		NA
2,3,4,7,8-PeCDF		3.0	U	0.60	U		NA	0.50	U		NA
2,3,7,8-TCDD	U	0.70	U	0.90	U		NA	0.70	U		NA
2,3,7,8-TCDF	U	0.50	U	0.60	U		NA	0.60	U		NA
OCDD		9.2	U	8.9	U		NA	7.1	U		NA
OCDF	U	2.7	U	3.1	U		NA	4.0	J		NA
Total HpCDD	UJ	1.7	UJ	2.1	UJ		NA	1.2	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	S	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Total HpCDF		2.2	UJ	1.0	UJ		NA	1.5	UJ		NA
Total HxCDD		9.9	EMPC	0.90	UJ		NA	0.80	UJ		NA
Total HxCDF		10.5	UJEMP	0.79	UJEMP		NA	5.0	UJEMP		NA
Total PeCDD		0.80	UJ	2.3	J		NA	0.70	UJ		NA
Total PeCDF		5.0	UJEMP	0.60	UJ		NA	2.2	UJEMP		NA
Total TCDD		1.3	EMPC	1.1	EMPC		NA	0.70	UJ		NA
Total TCDF	UJ	0.50	UJ	0.60	UJ		NA	0.60	UJ		NA
Toxicity Equivalency		0.75	J	0.00	UJ		NA	0.00040	J		NA
TAL Metal Analysis (UG/L)											
Aluminum	UJ	22.8	UJ	22.4	UJ	56.2		56.7	U		NA
Antimony	U	3.7	U	3.7	U	60.3	U	1.2	U		NA
Arsenic	U	2.5	U	2.5	U	1.7	U	3.0	U		NA
Barium		30.9		32.3		22.15		30.5			NA
Beryllium	U	0.10	U	0.10	U	0.89	U	0.22	UJ		NA
Cadmium	U	0.40	U	0.40	U	4.8	U	0.30	U		NA
Calcium		29400		30700		19700		23800			NA
Chromium		0.94	J	1.1	J	6.35	U	0.80	U		NA
Cobalt		3.8		6.2		18.2	U	0.70	U		NA
Copper		1.4	U	1.4	J	5.6	U	1.5	U		NA
Cyanide	NA		NA		NA		NA		NA		NA
Iron	U	13.7	U	13.7	U	87.0		12.5	U		NA
Lead	U	2.3	U	2.3	U	0.78	U	1.2	U		NA
Magnesium		11600		12400		3180		3840			NA
Manganese		1720	J	2440	J	50.95		5.6			NA
Mercury	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Nickel		10.4		13.4		38.4	U	1.0	U		NA
Potassium		5700		5900		5325		4620	J		NA
Selenium		3.5	J	3.3	U	2.0	U	3.0	UJ		NA
Silver	U	0.70	U	0.70	U	6.9	U	0.80	U		NA
Sodium		34000		35000		36300		40600			NA
Thallium	U	5.1	U	5.1	U	2.2	U	2.4	UJ		NA
Vanadium	U	0.70	U	0.70	U	4.0	U	0.70	U		NA
Zinc	U	7.1	U	8.5	U	18.05	U	1.1	UJ		NA
Wet Chemistry Analysis											
Alkalinity		43.0		42.0		31.45		48.0			NA
Carbon Dioxide		67.0		59.6		60.3		92.6			NA
Carbon Dioxide, Free	NA		NA		NA	60.3			NA		NA
Chloride		54.7		53.4		52.9		73.4			NA
Ferrous Iron	U	0.030	U	0.030	U	0.040	U	0.030	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	G	OU2-MW-310D-07		OU2-MW-DUP08-07		OU2-MW-310S-01-AVG		OU2-MW-310S-07		OU2-GW-311B-01	
Sample Location		MW-310D		MW-310D		MW-310S		MW-310S		GW-311B	
Date Sampled		12/19/2002		12/19/2002		2/3/1999		12/19/2002		2/2/1999	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310D-07		Field Dup. OU2-MW-310S-01		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Bedrock	
Nitrate		3.32	J	3.26		4.4		5.74			NA
Nitrate-Nitrite (as N)	NA		NA		NA	4.5			NA		NA
Nitrite-N	UJ	0.050	UJ	0.050	U	0.050	U	0.050	U		NA
Sulfate		56.0		61.8		22.05		17.4			NA
Sulfide	U	0.50	U	0.50	U	0.050	U	0.50	U		NA
Total Organic Carbon	U	2.0	U	2.0	U		NA	2.0	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	10	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	UJ		NA
1,2-Dibromoethane		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U		NA	10	U		NA	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	UJ	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane		R	10	U	10	U	10	U		R

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene		NA	10	U		NA	10	U		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	U		NA
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether		NA	10	U		NA	10	U		NA
Methylcyclohexane		NA	10	U		NA	10	U		NA
Methylene Chloride	11	UJ	10	U	10	U	10	UJ	11	UJ
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	1	J	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Trichlorofluoromethane		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10	U	1	U	10	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	2.0	UJ	10.0	U	2.0	U	10.0	U	2.0	U
Ethene	3.0	UJ	10.0	U	3.0	U	10.0	U	3.0	U
Methane	1.2	UJ	5.0	U	1.0	U	5.0	U	1.0	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	UJ	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	UJ	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	UJ		NA	10	UJ		NA
Benzaldehyde		NA	10	UJ		NA	10	U		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	UJ	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	UJ	10	U	10	UJ	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	UJ	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	UJ	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	UJ	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	UJ	10	U	10	U	10	UJ
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	UJ	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	UJ		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	1.1	U
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	2.0	U	0.25	U	2.0	U	0.25	U	2.0	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1260	1.0	U	0.25	U	1.0	U	0.25	U	1.0	U
Aroclor-1262	1.0	U	0.28	U	1.0	U	0.28	U	1.0	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.0021	J	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	0.10	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.050	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA	6.0	U		NA	2.6	U		NA
1,2,3,4,6,7,8-HpCDF		NA	3.4	U		NA	1.5	U		NA
1,2,3,4,7,8,9-HpCDF		NA	4.2	UJ		NA	1.8	UJ		NA
1,2,3,4,7,8-HxCDD		NA	2.9	U		NA	1.4	U		NA
1,2,3,4,7,8-HxCDF		NA	2.1	U		NA	1.0	U		NA
1,2,3,6,7,8-HxCDD		NA	2.9	U		NA	1.4	U		NA
1,2,3,6,7,8-HxCDF		NA	2.1	U		NA	1.0	U		NA
1,2,3,7,8,9-HxCDD		NA	2.8	U		NA	1.3	U		NA
1,2,3,7,8,9-HxCDF		NA	2.6	UJ		NA	1.2	UJ		NA
1,2,3,7,8-PeCDD		NA	3.0	U		NA	1.6	U		NA
1,2,3,7,8-PeCDF		NA	2.0	U		NA	1.0	U		NA
2,3,4,6,7,8-HxCDF		NA	2.4	UJ		NA	1.1	UJ		NA
2,3,4,7,8-PeCDF		NA	2.1	U		NA	1.0	U		NA
2,3,7,8-TCDD		NA	3.3	U		NA	1.4	U		NA
2,3,7,8-TCDF		NA	2.5	U		NA	1.1	U		NA
OCDD		NA	10.1	U		NA	12.3	J		NA
OCDF		NA	7.3	U		NA	3.4	U		NA
Total HpCDD		NA	6.0	UJ		NA	2.6	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Total HpCDF		NA	3.8	UJ		NA	1.6	UJ		NA
Total HxCDD		NA	2.9	UJ		NA	1.4	UJ		NA
Total HxCDF		NA	2.3	UJ		NA	1.1	UJ		NA
Total PeCDD		NA	3.0	UJ		NA	1.6	UJ		NA
Total PeCDF		NA	2.1	UJ		NA	1.0	UJ		NA
Total TCDD		NA	3.3	UJ		NA	1.4	UJ		NA
Total TCDF		NA	2.5	UJ		NA	1.1	UJ		NA
Toxicity Equivalency		NA	0.00	UJ		NA	0.0012	J		NA
TAL Metal Analysis (UG/L)										
Aluminum	168		115	U	11.1	U	46.1	U	39.6	J
Antimony	52.7	U	3.5	U	3.9	U	3.5	U	52.7	U
Arsenic	3.3	U	3.7	UJ	2.3	U	4.4	UJ	2.4	UJ
Barium	21.8		26.6		17.2		10.6		33.9	
Beryllium	1.1	UJ	0.10	U	0.15	UJ	0.10	U	0.89	U
Cadmium	4.8	U	0.40	U	0.20	U	0.40	U	4.8	U
Calcium	41400		43900		34600		28700		18700	
Chromium	4.6	UJ	0.90	U	1.4	UJ	0.90	U	4.0	U
Cobalt	18.2	U	1.0	U	1.6	U	1.0	U	18.2	U
Copper	6.2	UJ	1.3	U	0.92	UJ	1.3	U	5.0	UJ
Cyanide		NA		NA		NA		NA		NA
Iron	339		394		120	U	18.1	U	16.9	U
Lead	0.78	U	2.3	UJ	1.0	UJ	2.3	UJ	0.78	U
Magnesium	11600		12100		16000		12800		2810	
Manganese	94.0		57.6		309		17.5		3.4	
Mercury	0.10	UJ	0.20	UJ	0.10	U	0.20	UJ	0.10	UJ
Nickel	38.4	U	3.4	U	3.0	J	2.0	UJ	38.4	U
Potassium	5070		4080	J	4640		2490	J	3050	
Selenium	2.0	U	3.0	UJ	3.6	U	3.0	UJ	2.0	U
Silver	4.3	UJ	1.1	UJ	1.3	UJ	1.1	UJ	6.4	UJ
Sodium	17600		12800	J	20900		15000	J	30500	
Thallium	2.7	J	3.1	U	3.1	U	3.1	U	2.4	J
Vanadium	4.3	UJ	1.0	U	1.5	J	1.0	U	4.3	UJ
Zinc	3.5	UJ	23.1	U	4.7	U	9.8	U	16.2	U
Wet Chemistry Analysis										
Alkalinity	88.9		80.0		81.8		80.0		31.0	
Carbon Dioxide	19.0		71.6		22.6		78.3		56.5	
Carbon Dioxide, Free	19.0			NA	22.6			NA	56.5	
Chloride	40.3		36.1	U	40.3		35.2	U	45.1	
Ferrous Iron	0.14		0.030	U	0.10		0.030		0.020	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311B-01		OU2-MW-311B-07		OU2-MW-311D-01		OU2-MW-311D-07		OU2-MW-311S-01	
Sample Location	MW-311B		MW-311B		MW-311D		MW-311D		MW-311S	
Date Sampled	2/4/1999		12/10/2002		2/10/1999		12/10/2002		2/4/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Bedrock		Upgradient Bedrock		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden	
Nitrate	0.25		0.40		3.7		3.23		3.9	
Nitrate-Nitrite (as N)	0.37			NA	3.7			NA	3.9	
Nitrite-N	0.12		0.050	U	0.050	U	0.050	U	0.050	U
Sulfate	49.1		45.2		45.0		45.5		21.6	
Sulfide	0.050	U	0.50	U	0.050	U	0.50	U	0.050	U
Total Organic Carbon		NA	2.0	U		NA	2.0	U		NA

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U		NA	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U		NA	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA		NA	10	U		NA
1,1,2-Trichloroethane	10	U		NA	10	U	10	U	10	U
1,1-Dichloroethane	10	U		NA	10	U	10	U	10	U
1,1-Dichloroethene	10	U		NA	10	U	0.9	U	10	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ		NA		NA	10	U		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	UJ		NA		NA	10	U		NA
1,2-Dibromoethane	10	U		NA		NA	10	U		NA
1,2-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,2-Dichloroethane	10	U		NA	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA	10	U		NA	10	U
1,2-Dichloropropane	10	U		NA	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA		NA	10	U		NA
1,4-Dioxane	100	UJ		NA		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U		NA	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U		NA	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U		NA	10	U	10	U	10	U
Acetone	10	U		NA	10	U	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U		NA	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U		NA	10	U	10	U	10	U
Bromoform	10	U		NA	10	U	10	U	10	U
Bromomethane	10	U		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Carbon Disulfide	10	U		NA	10	U	10	U	10	U
Carbon Tetrachloride	10	U		NA	10	U	10	U	10	U
Chlorobenzene	10	U		NA	10	U	10	U	10	U
Chloroethane	10	U		NA	10	U	10	U	10	U
Chloroform	10	U		NA	10	U	10	U	10	U
Chloromethane	10	UJ		NA	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U		NA		NA	10	U		NA
cis-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U
Cyclohexane	10	U		NA		NA	10	U		NA
Dibromochloromethane	10	U		NA	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	U		NA		NA	10	UJ		NA
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U		NA	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA		NA	10	U		NA
Methyl tert-Butyl Ether	10	U		NA		NA	10	U		NA
Methylcyclohexane	10	U		NA		NA	10	U		NA
Methylene Chloride	10	UJ		NA	10	U	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U		NA	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U		NA	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U		NA	10	U	10	U	1	J
Total Xylenes	10	U		NA	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA		NA	10	U		NA
trans-1,3-Dichloropropene	10	U		NA	10	U	10	U	10	U
Trichloroethene	10	U		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Trichlorofluoromethane	10	U		NA		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U		NA	10	U	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U		NA	2.0	UJ		NA	2.0	U
Ethene	10.0	U		NA	3.0	UJ		NA	3.0	U
Methane	5.0	U		NA	8.4	J		NA	1.0	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA	1	U		NA		NA		NA
1,1-Dichloroethane		NA	1	U		NA		NA		NA
1,1-Dichloroethene		NA	1	U		NA		NA		NA
1,2-Dichloroethane		NA	1	U		NA		NA		NA
1,2-Dichloroethene (total)		NA	1	U		NA		NA		NA
Benzene		NA	1	U		NA		NA		NA
Chlorobenzene		NA	1	U		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA	1	U		NA		NA		NA
Methylene Chloride		NA	1	U		NA		NA		NA
Tetrachloroethene		NA	1	U		NA		NA		NA
Toluene		NA	1	U		NA		NA		NA
Total Xylenes		NA	1	U		NA		NA		NA
Trichloroethene		NA	1	U		NA		NA		NA
Vinyl Chloride		NA	1	U		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA		NA	10	U		NA
1,2,4-Trichlorobenzene		NA		NA	10	U		NA	10	U
1,2-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,3-Dichlorobenzene		NA		NA	10	U		NA	10	U
1,4-Dichlorobenzene		NA		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U		NA	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U		NA	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U		NA	10	U	10	U	10	U
2,4-Dichlorophenol	10	U		NA	10	U	10	U	10	U
2,4-Dimethylphenol	10	U		NA	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ		NA	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U		NA	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U		NA	10	U	10	U	10	U
2-Chloronaphthalene	10	U		NA	10	U	10	U	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
2-Chlorophenol	10	U		NA	10	U	10	U	10	U
2-Methylnaphthalene	10	U		NA	10	U	10	U	10	U
2-Methylphenol	10	U		NA	10	U	10	U	10	U
2-Nitroaniline	25	U		NA	25	U	25	U	25	U
2-Nitrophenol	10	U		NA	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U		NA	10	U	10	U	10	U
3-Nitroaniline	25	U		NA	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U		NA	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U		NA	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U		NA	10	U	10	U	10	U
4-Chloroaniline	10	UJ		NA	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U		NA	10	U	10	U	10	U
4-Methylphenol	10	U		NA	10	U	10	U	10	U
4-Nitroaniline	25	U		NA	25	U	25	U	25	U
4-Nitrophenol	25	U		NA	25	U	25	U	25	U
Acenaphthene	10	U		NA	10	U	10	U	10	U
Acenaphthylene	10	U		NA	10	U	10	U	10	U
Acetophenone	10	U		NA		NA	10	U		NA
Anthracene	10	U		NA	10	U	10	U	10	U
Atrazine	10	UJ		NA		NA	10	U		NA
Benzaldehyde	10	U		NA		NA	10	UJ		NA
Benzo(a)anthracene	10	U		NA	10	U	10	U	10	U
Benzo(a)pyrene	10	U		NA	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U		NA	10	UJ	10	U	10	UJ
Benzo(g,h,i)perylene	10	U		NA	10	U	10	UJ	10	U
Benzo(k)fluoranthene	10	U		NA	10	UJ	10	U	10	UJ
Bis(2-Chloroethoxy)methane	10	U		NA	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U		NA	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U		NA	10	U	10	U	10	U
Butylbenzylphthalate	10	U		NA	10	U	10	U	10	U
Caprolactam	10	U		NA		NA	10	U		NA
Carbazole	10	U		NA	10	U	10	U	10	U
Chrysene	10	U		NA	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U		NA	10	U	10	U	10	U
Dibenzofuran	10	U		NA	10	U	10	U	10	U
Diethylphthalate	10	U		NA	10	U	10	U	10	U
Dimethylphthalate	10	U		NA	10	U	10	U	10	U
Di-n-Butylphthalate	10	U		NA	10	U	10	U	10	U
Di-n-octylphthalate	10	U		NA	10	UJ	10	U	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Fluoranthene	10	U		NA	10	U	10	U	10	U
Fluorene	10	U		NA	10	U	10	U	10	U
Hexachlorobenzene	10	U		NA	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ		NA	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	UJ		NA	10	U	10	U	10	U
Hexachloroethane	10	U		NA	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U		NA	10	U	10	UJ	10	U
Isophorone	10	U		NA	10	U	10	U	10	U
Naphthalene	10	U		NA	10	U	10	U	10	U
Nitrobenzene	10	U		NA	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U		NA	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U		NA	10	U	10	U	10	U
Pentachlorophenol	25	UJ		NA	25	U	25	U	25	U
Phenanthrene	10	U		NA	10	U	10	U	10	U
Phenol	10	U		NA	10	U	10	U	10	U
Pyrene	10	U		NA	10	U	10	U	10	U
Total PAH		NA		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U		NA		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U		NA		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U		NA		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U		NA		NA	0.20	U		NA
Chrysene	0.20	U		NA		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U		NA		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U		NA		NA	0.20	U		NA
Phenanthrene	0.20	U		NA		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U		NA	2.0	U	0.10	U	2.0	U
4,4'-DDE	0.10	U		NA	2.0	U	0.10	U	2.0	U
4,4'-DDT	0.10	U		NA	2.0	U	0.10	U	2.0	U
Aldrin	0.050	U		NA	1.0	U	0.050	U	1.0	U
alpha-BHC	0.050	U		NA	1.0	U	0.050	U	1.0	U
alpha-Chlordane	0.050	U		NA	1.0	U	0.050	U	1.0	U
Aroclor, Total		NA		NA	22	U		NA	22	U
Aroclor-1016	1.0	U		NA	20	U	1.0	U	20	U
Aroclor-1221	0.25	U		NA	40	U	0.25	U	40	U
Aroclor-1232	1.0	U		NA	20	U	1.0	U	20	U
Aroclor-1242	1.0	U		NA	20	U	1.0	U	20	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Aroclor-1248	1.0	U		NA	20	U	1.0	U	20	U
Aroclor-1254	0.25	U		NA	20	U	0.25	U	20	U
Aroclor-1260	0.25	U		NA	20	U	0.25	U	20	U
Aroclor-1262	0.28	U		NA	20	U	0.28	U	20	U
Aroclor-1268	1.0	U		NA	20	U	1.0	U	20	U
beta-BHC	0.050	U		NA	1.0	U	0.050	U	1.0	U
delta-BHC	0.050	U		NA	1.0	U	0.050	U	1.0	U
Dieldrin	0.050	U		NA	2.0	U	0.050	U	2.0	U
Endosulfan I	0.050	U		NA	1.0	U	0.050	U	1.0	U
Endosulfan II	0.10	U		NA	2.0	U	0.10	U	2.0	U
Endosulfan Sulfate	0.10	U		NA	2.0	U	0.10	U	2.0	U
Endrin	0.050	U		NA	2.0	U	0.050	U	2.0	U
Endrin Aldehyde	0.10	U		NA	2.0	U	0.10	U	2.0	U
Endrin Ketone	0.10	U		NA	2.0	U	0.10	U	2.0	U
gamma-BHC	0.050	U		NA	1.0	U	0.050	U	1.0	U
gamma-Chlordane	0.050	U		NA	1.0	U	0.050	U	1.0	U
Heptachlor	0.020	U		NA	1.0	U	0.020	U	1.0	U
Heptachlor Epoxide	0.020	U		NA	1.0	U	0.020	U	1.0	U
Methoxychlor	0.50	U		NA	10	U	0.50	U	10	U
Toxaphene	5.0	U		NA	100	U	5.0	U	100	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	5.6	U		NA		NA	3.7	U		NA
1,2,3,4,6,7,8-HpCDF	3.0	U		NA		NA	3.9	U		NA
1,2,3,4,7,8,9-HpCDF	3.7	UJ		NA		NA	2.7	U		NA
1,2,3,4,7,8-HxCDD	3.1	U		NA		NA	2.6	U		NA
1,2,3,4,7,8-HxCDF	2.2	U		NA		NA	3.5	U		NA
1,2,3,6,7,8-HxCDD	2.9	U		NA		NA	2.6	U		NA
1,2,3,6,7,8-HxCDF	2.1	U		NA		NA	2.6	UEMPC		NA
1,2,3,7,8,9-HxCDD	2.8	U		NA		NA	2.5	U		NA
1,2,3,7,8,9-HxCDF	2.6	UJ		NA		NA	2.0	U		NA
1,2,3,7,8-PeCDD	3.0	U		NA		NA	2.4	U		NA
1,2,3,7,8-PeCDF	1.9	U		NA		NA	1.7	U		NA
2,3,4,6,7,8-HxCDF	2.3	UJ		NA		NA	1.8	U		NA
2,3,4,7,8-PeCDF	1.9	U		NA		NA	1.8	U		NA
2,3,7,8-TCDD	2.8	U		NA		NA	2.4	U		NA
2,3,7,8-TCDF	2.0	U		NA		NA	1.7	U		NA
OCDD	25.9	J		NA		NA	14.6	U		NA
OCDF	7.9	U		NA		NA	3.8	U		NA
Total HpCDD	5.6	UJ		NA		NA	3.7	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Total HpCDF	3.3	UJ		NA		NA	3.9	UJ		NA
Total HxCDD	3.0	UJ		NA		NA	2.6	UJ		NA
Total HxCDF	2.3	UJ		NA		NA	6.1	UEMPC		NA
Total PeCDD	3.0	UJ		NA		NA	2.4	UJ		NA
Total PeCDF	1.9	UJ		NA		NA	1.7	UJ		NA
Total TCDD	5.9	UEMPC		NA		NA	2.4	UJ		NA
Total TCDF	2.0	UJ		NA		NA	1.7	UJ		NA
Toxicity Equivalency	0.0026	J		NA		NA	0.00	UJ		NA
TAL Metal Analysis (UG/L)										
Aluminum	36.7	U		NA	11.1	U	72.0	UJ	108	U
Antimony	3.5	U		NA	3.9	U	1.2	U	3.9	U
Arsenic	2.9	U		NA	2.3	U	3.0	U	2.6	J
Barium	34.9			NA	151		115	J	38.3	
Beryllium	0.10	U		NA	0.18	UJ	0.20	U	0.15	UJ
Cadmium	0.40	U		NA	0.75	J	2.3	J	0.20	U
Calcium	17400			NA	438000		460000		24500	
Chromium	0.90	U		NA	2.2	U	1.7		1.3	UJ
Cobalt	1.0	U		NA	9.2	J	1.8	J	1.6	U
Copper	1.3	U		NA	4.1	U	23.4	J	1.4	UJ
Cyanide		NA		NA		NA		NA		NA
Iron	18.1	U		NA	225		12.5	U	428	
Lead	2.3	UJ		NA	1.0	UJ	1.2	U	1.0	UJ
Magnesium	2680			NA	328000		266000		7720	
Manganese	1.1	U		NA	17600		11400		286	
Mercury	0.20	UJ		NA	0.10	U	0.10	U	0.10	U
Nickel	2.6	UJ		NA		R	10.5		3.1	J
Potassium	2790	J		NA	39600		37400	J	7890	
Selenium	3.3	UJ		NA	7.0		3.9	J	3.6	U
Silver	1.1	UJ		NA	1.9	UJ	0.88	J	1.0	U
Sodium	28900	J		NA	1120000		950000		27200	
Thallium	3.1	U		NA	3.1	UJ	13.1	J	3.1	U
Vanadium	1.0	U		NA	1.2	U	0.70	UJ	1.2	U
Zinc	14.2	U		NA	43.9		34.7	J	22.4	
Wet Chemistry Analysis										
Alkalinity	40.0			NA	65.2			NA	51.5	
Carbon Dioxide	44.1	J		NA	33.5			NA	37.4	
Carbon Dioxide, Free		NA		NA	33.5			NA	37.4	
Chloride	41.2	U		NA	3690			NA	55.2	
Ferrous Iron	0.030	U		NA	0.040	U		NA	0.00	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-311S-07		OU2-GW-312B-01		OU2-MW-312B-01		OU2-MW-312B-07		OU2-MW-312D-01	
Sample Location	MW-311S		GW-312B		MW-312B		MW-312B		MW-312D	
Date Sampled	12/9/2002		2/5/1999		2/9/1999		12/17/2002		2/9/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Bedrock		Bedrock		Bedrock		Overburden	
Nitrate	5.08	J		NA	0.46			NA	4.2	
Nitrate-Nitrite (as N)		NA		NA	0.59			NA	4.2	
Nitrite-N	0.050	UJ		NA	0.13			NA	0.050	U
Sulfate	17.9			NA	494			NA	26.2	
Sulfide	0.50	U		NA	0.050	U		NA	0.050	U
Total Organic Carbon	2.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	0.9	U	10	U	0.9	U	10	U	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U		NA	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	UJ	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	UJ	10	U	10	UJ	10	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	UJ	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	UJ	10	U
Chloroform	10	U	10	U	10	U	2	J	10	U
Chloromethane	10	U	10	U	10	U	10	UJ	10	U
cis-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	UJ
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U
Methylcyclohexane	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U	10	U	2	J	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	35		10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Trichlorofluoromethane	10	U		NA	10	U		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	1	U	10	UJ	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA	2.0	U		NA	2.0	UJ		NA
Ethene		NA	3.0	U		NA	3.0	UJ		NA
Methane		NA	9300			NA	15.0	UJ		NA
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	0.7	J	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	U
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	UJ	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	U	10	UJ	10	U	10	U
Benzo(k)fluoranthene	10	U	10	UJ	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	UJ	10	U	0.5	J	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	UJ	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	0.7			NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	22	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	20	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	40	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	20	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	20	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Aroclor-1248	1.0	U	20	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	20	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	0.25	U	20	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	0.28	U	20	U	0.28	U	1.0	U	0.28	U
Aroclor-1268	1.0	U	20	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	2.0	U	0.050	U	0.10	U	0.050	U
Endosulfan I	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	2.0	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	2.0	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	1.0	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	1.0	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.020	U	1.0	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U	10	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	100	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	1.5	EMPC		NA	3.2	U		NA		NA
1,2,3,4,6,7,8-HpCDF	1.1	UEMPC		NA	1.7	U		NA		NA
1,2,3,4,7,8,9-HpCDF	0.50	U		NA	2.2	U		NA		NA
1,2,3,4,7,8-HxCDD	0.30	U		NA	1.7	U		NA		NA
1,2,3,4,7,8-HxCDF	0.84	UEMPC		NA	1.0	U		NA		NA
1,2,3,6,7,8-HxCDD	0.30	U		NA	1.8	U		NA		NA
1,2,3,6,7,8-HxCDF	0.20	U		NA	1.0	U		NA		NA
1,2,3,7,8,9-HxCDD	0.30	U		NA	1.8	U		NA		NA
1,2,3,7,8,9-HxCDF	0.30	U		NA	1.4	U		NA		NA
1,2,3,7,8-PeCDD	0.40	U		NA	1.7	U		NA		NA
1,2,3,7,8-PeCDF	0.20	U		NA	1.2	U		NA		NA
2,3,4,6,7,8-HxCDF	0.20	U		NA	1.0	U		NA		NA
2,3,4,7,8-PeCDF	0.20	U		NA	1.2	U		NA		NA
2,3,7,8-TCDD	0.30	U		NA	1.7	U		NA		NA
2,3,7,8-TCDF	0.20	U		NA	1.1	U		NA		NA
OCDD	12.4	UEMPC		NA	8.6	J		NA		NA
OCDF	4.6	U		NA	60.5	U		NA		NA
Total HpCDD	1.5	EMPC		NA	3.2	UJ		NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Total HpCDF	1.1	UEMPC		NA	1.9	UJ		NA		NA
Total HxCDD	0.30	UJ		NA	1.8	UJ		NA		NA
Total HxCDF	0.84	UEMPC		NA	1.1	UJ		NA		NA
Total PeCDD	0.40	UJ		NA	1.7	UJ		NA		NA
Total PeCDF	0.20	UJ		NA	1.2	UJ		NA		NA
Total TCDD	0.30	UJ		NA	1.7	UJ		NA		NA
Total TCDF	0.46	J		NA	1.1	UJ		NA		NA
Toxicity Equivalency	0.015	J		NA	0.00087	J		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	96.4	U	11.1	U	56.7	U	38.4		57.2	UJ
Antimony	3.7	U	3.9	U	1.2	U	3.9	U	1.2	U
Arsenic	2.5	U	2.3	U	3.0	U	2.3	U	3.0	U
Barium	53.9		67.3		87.4		73.4		308	
Beryllium	0.10	U	0.18	UJ	0.20	U	0.12	UJ	0.20	U
Cadmium	0.49	J	0.20	U	0.30	U	0.20	U	0.30	U
Calcium	39800		83000		77100		62400		104000	
Chromium	1.2		2.0	U	0.88	J	8.5		0.95	J
Cobalt	0.60	U	1.6	U	0.70	U	4.1		0.70	U
Copper	1.4	U	0.90	U	2.1	J	3.4		1.5	U
Cyanide		NA		NA		NA		NA		NA
Iron	108	U	4840		9010		2920		375	
Lead	2.3	U	1.0	UJ	2.4	U	1.8	UJ	1.2	U
Magnesium	14600		20800		10800	J	17300		28700	
Manganese	94.5	J	634		805		780		1110	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	1.0	U	1.9	U	2.4		9.1		4.3	U
Potassium	9580		7650		4650	J	7030		7860	J
Selenium	3.3	U	3.6	U	3.0	U	3.6	U	3.3	J
Silver	0.70	U	1.0	U	0.80	U	1.0	U	0.80	U
Sodium	42700		91700		37200		104000		108000	
Thallium	5.1	U	3.1	U	2.4	U	3.6	U	2.4	U
Vanadium	0.70	U	1.2	U	0.70	U	1.2	U	0.70	U
Zinc	4.4	U	11.2	U	1.6	J	14.4	U	1.1	UJ
Wet Chemistry Analysis										
Alkalinity		NA	326			NA	80.1			NA
Carbon Dioxide		NA	85.9			NA	27.2			NA
Carbon Dioxide, Free		NA	85.9			NA		NA		NA
Chloride		NA	100			NA	202			NA
Ferrous Iron		NA	9.4	J		NA	4.5			NA

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Sample Number	OU2-MW-312D-07		OU2-MW-312S-01		OU2-MW-312S-07		OU2-MW-313B-01		OU2-MW-313B-07	
Sample Location	MW-312D		MW-312S		MW-312S		MW-313B		MW-313B	
Date Sampled	12/17/2002		2/10/1999		12/17/2002		3/3/1999		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Upgradient Bedrock		Upgradient Bedrock	
Nitrate		NA	0.050	U		NA	0.050	U		NA
Nitrate-Nitrite (as N)		NA	0.060	U		NA	0.050	U		NA
Nitrite-N		NA	0.050	U		NA	0.050	U		NA
Sulfate		NA	5.0	U		NA	84.2			NA
Sulfide		NA	0.20			NA	0.050	U		NA
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	U	10	U	10	U	10	UJ
1,1-Dichloroethene	10	U	0.9	U	10	U	0.9	U	10	UJ
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene		NA	10	UJ		NA	10	UJ		NA
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U		NA
1,2-Dibromoethane		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)	10	U		NA	10	U		NA	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dioxane		NA	100	UJ		NA	100	UJ		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	UJ	10	U	10	UJ	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	UJ	10	U	10	UJ	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	UJ	10	U	10	UJ	10	U		R

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	UJ	10	U	10	UJ	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	UJ	10	U	10	UJ	10	U	10	U
cis-1,2-Dichloroethene		NA	10	U		NA	10	U		NA
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane		NA	10	U		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	UJ		NA
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene		NA	10	U		NA	10	U		NA
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate		NA	10	U		NA	10	U		NA
Methyl tert-Butyl Ether		NA	10	U		NA	10	U		NA
Methylcyclohexane		NA	10	U		NA	10	U		NA
Methylene Chloride	10	UJ	10	U	10	UJ	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	4	J	10	U	10	U	10	U	4	J
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene		NA	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	11	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Trichlorofluoromethane		NA	10	U		NA	10	U		NA
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	10	UJ	1	U	10	UJ	1	U	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	2.0	U		NA	2.0	U		NA	2.0	U
Ethene	3.0	U		NA	3.0	U		NA	3.0	U
Methane	5.7	UJ		NA	950			NA	2.7	UJ
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA	10	U		NA	10	U		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	UJ	10	U	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	UJ	25	U	25	UJ	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone		NA	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine		NA	10	U		NA	10	U		NA
Benzaldehyde		NA	10	U		NA	10	U		NA
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	UJ	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam		NA	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Fluoranthene	10	U	10	U	0.7	J	10	U	10	U
Fluorene	10	U	10	U	0.7	J	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	2	J	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH	10	U		NA	3.4			NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
Aroclor, Total	1.1	U		NA	1.1	U		NA	11	U
Aroclor-1016	1.0	U	1.0	U	1.0	UJ	1.0	U	10	U
Aroclor-1221	2.0	U	0.25	U	2.0	UJ	0.25	U	20	U
Aroclor-1232	1.0	U	1.0	U	1.0	UJ	1.0	U	10	U
Aroclor-1242	1.0	U	1.0	U	1.0	UJ	1.0	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Aroclor-1248	1.0	U	1.0	U	1.0	UJ	1.0	U	10	U
Aroclor-1254	1.0	U	0.25	U	1.0	UJ	0.25	U	10	U
Aroclor-1260	1.0	U	0.25	U	1.0	UJ	0.25	U	10	U
Aroclor-1262	1.0	U	0.28	U	1.0	UJ	0.28	U	10	U
Aroclor-1268	1.0	U	1.0	U	1.0	UJ	1.0	U	10	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
Dieldrin	0.10	U	0.050	U	0.10	U	0.050	U	1.0	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
Endrin	0.10	U	0.050	U	0.10	U	0.050	U	1.0	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	1.0	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.50	U
gamma-Chlordane	0.050	U	0.050	U	0.014	JP	0.050	U	0.50	U
Heptachlor	0.050	U	0.020	U	0.050	U	0.020	U	0.50	U
Heptachlor Epoxide	0.050	U	0.020	U	0.050	U	0.020	U	0.50	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	5.0	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	50	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD		NA		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD		NA		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDD		NA		NA		NA		NA		NA
1,2,3,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF		NA		NA		NA		NA		NA
2,3,4,7,8-PeCDF		NA		NA		NA		NA		NA
2,3,7,8-TCDD		NA		NA		NA		NA		NA
2,3,7,8-TCDF		NA		NA		NA		NA		NA
OCDD		NA		NA		NA		NA		NA
OCDF		NA		NA		NA		NA		NA
Total HpCDD		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Total HpCDF		NA		NA		NA		NA		NA
Total HxCDD		NA		NA		NA		NA		NA
Total HxCDF		NA		NA		NA		NA		NA
Total PeCDD		NA		NA		NA		NA		NA
Total PeCDF		NA		NA		NA		NA		NA
Total TCDD		NA		NA		NA		NA		NA
Total TCDF		NA		NA		NA		NA		NA
Toxicity Equivalency		NA		NA		NA		NA		NA
TAL Metal Analysis (UG/L)										
Aluminum	292		93.4	UJ	39.5		58.9	UJ	41.3	J
Antimony	3.9	U	1.2	U	3.9	U	1.2	U	52.7	U
Arsenic	2.3	U	3.0	U	4.5	J	3.0	U	7.7	U
Barium	50.2		39.0		70.9		56.0		13.9	
Beryllium	0.10	U	0.20	U	0.10	U	0.20	U	0.89	U
Cadmium	0.20	U	0.30	U	0.20	U	0.64	U	4.8	U
Calcium	62600		70100		81800		100000		21100	
Chromium	109		0.80	U	2.0	U	1.1	J	9.2	U
Cobalt	5.6		2.0		2.7	J	0.70	U	18.2	U
Copper	4.8		1.5	U	12.1		29.0		13.6	U
Cyanide		NA		NA		NA		NA		NA
Iron	3020		3820		17900		502		39.3	U
Lead	1.5	UJ	1.2	U	1.4	UJ	1.2	U	0.78	U
Magnesium	16000		18200		4650		5500		12700	
Manganese	1730		1760		363		32.4		366	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	UJ
Nickel	140		2.1	U	2.7	J	5.4	U	53.8	J
Potassium	10300		10900	J	9070		8330	J	3690	
Selenium	3.6	U	3.0	U	3.6	U	4.1	J	2.0	U
Silver	1.0	U	0.80	U	1.0	U	0.80	U	6.4	UJ
Sodium	126000		133000		34000		13600		38600	
Thallium	3.6	U	2.4	U	3.6	U	2.4	U	2.2	U
Vanadium	2.3	UJ	0.70	U	1.5	UJ	1.7		6.5	UJ
Zinc	10.2	U	1.1	UJ	63.2		463		68.6	
Wet Chemistry Analysis										
Alkalinity	116			NA	182			NA	99.5	
Carbon Dioxide	82.3			NA	55.1			NA	13.4	
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	192			NA	53.2			NA	9.2	
Ferrous Iron	2.7			NA	3.5			NA	0.020	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-313D-01		OU2-MW-313D-07		OU2-MW-313S-01		OU2-MW-313S-07		OU4-MW-401B-01	
Sample Location	MW-313D		MW-313D		MW-313S		MW-313S		MW-401B	
Date Sampled	3/3/1999		12/17/2002		3/5/1999		12/17/2002		2/1/1999	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Upgradient Overburden		Bedrock	
Nitrate	3.2			NA	7.1			NA	2.3	
Nitrate-Nitrite (as N)	3.3			NA	7.1			NA	2.3	
Nitrite-N	0.13			NA	0.050	U		NA	0.050	U
Sulfate	93.2			NA	30.1			NA	72.9	
Sulfide	0.050	U		NA	0.050	U		NA	0.050	U
Total Organic Carbon		NA		NA		NA		NA		NA

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	10	UJ	10	U	10	UJ	10	U
1,1-Dichloroethene	0.9	U	10	UJ	0.9	U	10	UJ	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U		NA	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA	10	U		NA	10	U		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ		NA	100	UJ		NA		NA
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U	10	U
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U		R	10	U		R	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	16		10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ		NA	10	UJ		NA	10	UJ
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U		NA	10	U		NA	10	U
Methylcyclohexane	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	UJ	10	U	10	UJ	10	U	10	UJ
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Trichlorofluoromethane	10	UJ		NA	10	UJ		NA	10	UJ
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	10	U	1	U	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U	2.0	U	10.0	U	2.0	U	10.0	U
Ethene	10.0	U	3.0	U	10.0	U	3.0	U	10.0	U
Methane	460		1.5	UJ	15.0		1.3	UJ	5.0	U
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	UJ	25	U	25	UJ	25	U	25	UJ
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	U	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	U	10	UJ	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	11			NA	9	J		NA	74	
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	0.8	J	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	U	10	UJ	10	U	10	UJ
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA	5.6	U		NA	1.1	U		NA
Aroclor-1016	1.0	U	5.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	10	U	0.25	U	2.0	U	0.25	U
Aroclor-1232	1.0	U	5.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	5.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Aroclor-1248	1.0	U	5.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	5.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1260	0.25	U	5.0	U	0.25	U	1.0	U	0.25	U
Aroclor-1262	0.28	U	5.0	U	0.28	U	1.0	U	0.28	U
Aroclor-1268	1.0	U	5.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.50	U	0.050	U	0.10	U	0.050	U
Endosulfan I	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.50	U	0.050	U	0.10	U	0.050	U
Endrin Aldehyde	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.50	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.25	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.25	U	0.020	U	0.050	U	0.020	U
Heptachlor Epoxide	0.020	U	0.25	U	0.020	U	0.050	U	0.020	U
Methoxychlor	0.50	U	2.5	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	25	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	4.0	U		NA	4.6	U		NA	3.6	U
1,2,3,4,6,7,8-HpCDF	2.1	U		NA	2.6	U		NA	1.9	U
1,2,3,4,7,8,9-HpCDF	2.6	U		NA	3.2	U		NA	2.4	U
1,2,3,4,7,8-HxCDD	2.2	U		NA	2.8	U		NA	2.1	U
1,2,3,4,7,8-HxCDF	1.5	U		NA	1.9	U		NA	0.90	
1,2,3,6,7,8-HxCDD	2.2	U		NA	2.7	U		NA	2.1	U
1,2,3,6,7,8-HxCDF	1.5	U		NA	1.8	U		NA	1.3	U
1,2,3,7,8,9-HxCDD	2.2	U		NA	2.7	U		NA	2.0	U
1,2,3,7,8,9-HxCDF	1.9	U		NA	2.4	U		NA	1.6	U
1,2,3,7,8-PeCDD	2.1	U		NA	2.7	U		NA	1.5	U
1,2,3,7,8-PeCDF	1.4	U		NA	1.7	U		NA	1.1	U
2,3,4,6,7,8-HxCDF	1.6	U		NA	1.9	U		NA	1.4	U
2,3,4,7,8-PeCDF	1.5	U		NA	1.8	U		NA	1.1	U
2,3,7,8-TCDD	2.0	U		NA	2.4	U		NA	1.9	U
2,3,7,8-TCDF	1.5	U		NA	1.8	U		NA	1.4	U
OCDD	18.9	UEMPC		NA	20.5	UEMPC		NA	4.7	U
OCDF	4.1	U		NA	4.8	U		NA	3.7	U
Total HpCDD	4.0	UJ		NA	4.6	UJ		NA	3.6	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Total HpCDF	2.3	UJ		NA	2.8	UJ		NA	2.2	UJ
Total HxCDD	2.2	UJ		NA	2.7	UJ		NA	2.1	UJ
Total HxCDF	1.6	UJ		NA	2.0	UJ		NA	0.90	
Total PeCDD	2.1	UJ		NA	2.7	UJ		NA	1.5	UJ
Total PeCDF	1.4	UJ		NA	1.8	UJ		NA	1.1	UJ
Total TCDD	2.0	UJ		NA	2.4	UJ		NA	1.9	UJ
Total TCDF	1.5	UJ		NA	1.8	UJ		NA	1.4	UJ
Toxicity Equivalency	0.00	UJ		NA	0.00	UJ		NA	0.00	U
TAL Metal Analysis (UG/L)										
Aluminum	10.1	U	34.4	U	10.1	U	1590		212	UJ
Antimony	3.5	U	54.5	UJ	3.8	U	52.7	U	3.5	U
Arsenic	10.3	UJ	3.2	U	2.7	UJ	2.0	UJ	5.0	UJ
Barium	87.2	J	17.7		14.4	J	17.1		18.2	
Beryllium	1.1	U	0.89	U	1.1	U	0.89	U	1.1	U
Cadmium	2.5	J	4.8	U	0.50	UJ	4.8	U	0.50	UJ
Calcium	123000	J	25900		33400	J	11900		16200	
Chromium	17.0	J	12.6	U	17.7	J	9.1	U	1.1	UJ
Cobalt	18.7	J	18.2	U	3.0	UJ	18.2	U	1.2	UJ
Copper	44.0		13.6	U	8.6		6.2	UJ	0.80	U
Cyanide		NA		NA		NA		NA		NA
Iron	19.5	U	30.0	U	19.5	U	981		319	
Lead	1.5	U	0.78	U	1.5	U	0.78	U	1.5	U
Magnesium	140000		11200		14000		18700		22200	
Manganese	2900		1070		2000		1230		1760	
Mercury	0.10	U	0.10	UJ	0.10	U	0.10	UJ	0.10	U
Nickel	561	J	38.4	U	133	J	38.4	U	1.7	U
Potassium	7560	J	2450		1500	J	3070		2670	
Selenium	2.2	UJ	2.0	U	2.2	UJ	2.0	U	2.2	UJ
Silver		R	5.3	UJ		R	7.5	UJ		R
Sodium	39600		13600		12800		20000		19100	
Thallium	4.0	UJ	2.2	U	4.0	UJ	2.2	U	4.0	UJ
Vanadium	1.9		4.0	U	0.80	U	5.3	UJ	0.80	U
Zinc	2270	J	18.0	U	11.5	UJ	12.4	U	16.8	UJ
Wet Chemistry Analysis										
Alkalinity	374	J	61.5		52.0	J	66.0		66.0	
Carbon Dioxide	496	J	25.1		69.0	J	15.1		82.1	
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	22.0	J	8.3		8.0	UJ	29.9		33.7	
Ferrous Iron	0.030	UJ	0.080		0.030	UJ	0.36		0.15	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-401B-07		OU4-MW-401S-01		OU2-MW-401S-07		OU4-MW-402B-01		OU2-MW-402B-07-AVG	
Sample Location	MW-401B		MW-401S		MW-401S		MW-402B		MW-402B	
Date Sampled	1/14/2003		2/1/1999		1/14/2003		2/2/1999		1/14/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		Field Dup. OU2-MW-402B-07	
Zone	Bedrock		Overburden		Overburden		Bedrock		Bedrock	
Nitrate	1.22	J	3.9		4.42	J	0.15		0.24	
Nitrate-Nitrite (as N)		NA	4.0			NA	0.20			NA
Nitrite-N	0.20	UJ	0.050	U	0.20	UJ	0.050	U	0.20	UJ
Sulfate	272		65.0		44.8		43.3		32.9	
Sulfide	0.50	U	0.050	U	0.50	U	0.050	U	0.50	U
Total Organic Carbon	45.8			NA	4.11			NA	3.2	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,1-Dichloroethane	10	U	10	U	10	UJ	10	U		NA	10	U
1,1-Dichloroethene	0.9	U	0.9	U	10	UJ	0.9	U		NA	0.9	U
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U		NA	10	U		NA	10	UJ
1,2-Dibromoethane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U		NA	10	U
1,2-Dichloroethene (total)		NA		NA	10	U		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ	100	UJ		NA	100	UJ		NA	100	UJ
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U		NA	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U		NA	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U		NA	10	U
Acetone	10	U	10	U	10	U	10	U		NA	13	J
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	10	U	10	U	10	U	10	U		NA	10	U
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U		NA	10	U
Bromoform	10	U	10	U	10	U	10	U		NA	10	U
Bromomethane	10	U	10	U		R	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Carbon Disulfide	10	U	10	U	10	U	10	U		NA	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA	10	U
Chlorobenzene	10	U	10	U	10	U	10	U		NA	10	U
Chloroethane	10	U	10	U	10	U	10	U		NA	10	U
Chloroform	10	U	10	U	10	U	10	U		NA	10	U
Chloromethane	10	U	10	U	10	U	10	U		NA	10	U
cis-1,2-Dichloroethene	10	U	10	U		NA	10	U		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10	U
Cyclohexane	10	U	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U		NA	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U		NA	10	U		NA	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U	10	U		NA	10	U		NA	10	U
Methylcyclohexane	10	U	10	U		NA	10	U		NA	10	U
Methylene Chloride	10	UJ	10	UJ	10	U	10	UJ		NA	10	U
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U		NA	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	10	U	10	U		NA	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U		NA	10	U
Total Xylenes	10	U	10	U	10	U	10	U		NA	10	U
trans-1,2-Dichloroethene	10	U	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10	U
Trichloroethene	10	U	10	U	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Trichlorofluoromethane	10	UJ	10	UJ		NA	10	UJ		NA	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	1	U	10	U	1	U		NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U		NA	2.0	U	10.0	U		NA	10.0	U
Ethene	10.0	U		NA	3.0	U	10.0	U		NA	10.0	U
Methane	5.0	U		NA	13.0		10.0			NA	5.0	U
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA	1	U		NA
1,1-Dichloroethane		NA		NA		NA		NA	1	U		NA
1,1-Dichloroethene		NA		NA		NA		NA	1	U		NA
1,2-Dichloroethane		NA		NA		NA		NA	1	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA	1	U		NA
Benzene		NA		NA		NA		NA	1	U		NA
Chlorobenzene		NA		NA		NA		NA	1	U		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA	1	U		NA
Methylene Chloride		NA		NA		NA		NA	1	U		NA
Tetrachloroethene		NA		NA		NA		NA	1	U		NA
Toluene		NA		NA		NA		NA	1	U		NA
Total Xylenes		NA		NA		NA		NA	1	U		NA
Trichloroethene		NA		NA		NA		NA	1	U		NA
Vinyl Chloride		NA		NA		NA		NA	1	U		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA	10	U		NA	10	U
1,2,4-Trichlorobenzene		NA		NA	10	U		NA		NA		NA
1,2-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,3-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
1,4-Dichlorobenzene		NA		NA	10	U		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U		NA	10	U
2,4-Dinitrophenol	25	UJ	25	UJ	25	U	25	UJ		NA	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
2-Chlorophenol	10	U	10	U	10	U	10	U		NA	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U		NA	10	U
2-Methylphenol	10	U	10	U	10	U	10	U		NA	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U		NA	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U		NA	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U		NA	10	U
4-Chloroaniline	10	UJ	10	UJ	10	U	10	UJ		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10	U
4-Methylphenol	10	U	10	U	10	U	10	U		NA	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U		NA	25	U
4-Nitrophenol	25	U	25	U	25	U	25	U		NA	25	U
Acenaphthene	10	U	10	U	10	U	10	U		NA	10	U
Acenaphthylene	10	U	10	U	10	U	10	U		NA	10	U
Acetophenone	10	U	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U	10	U	10	U		NA	10	U
Atrazine	10	U	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	U	10	UJ		NA	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U		NA	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Caprolactam	69	*	78			NA	15			NA	10	U
Carbazole	10	U	10	U	10	U	10	U		NA	10	U
Chrysene	10	U	10	U	10	U	10	U		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U		NA	10	U
Dibenzofuran	10	U	10	U	10	U	10	U		NA	10	U
Diethylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U		NA	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Fluoranthene	10	U	10	U	10	U	10	U		NA	10	U
Fluorene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U		NA	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U		NA	10	U
Hexachloroethane	10	U	10	U	10	U	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	U	10	UJ		NA	10	U
Isophorone	10	U	10	U	10	U	10	U		NA	10	U
Naphthalene	10	U	10	U	10	U	10	U		NA	10	U
Nitrobenzene	10	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U		NA	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U		NA	25	U
Phenanthrene	10	U	10	U	10	U	10	U		NA	10	U
Phenol	10	U	10	U	10	U	10	U		NA	10	U
Pyrene	10	U	10	U	10	U	10	U		NA	10	UJ
Total PAH		NA		NA	10	U		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.011	J	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.0071	J	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U	0.0032	J	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA	1.1	U		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U	2.0	U	0.25	U		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U	1.0	U	0.25	U		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U	1.0	U	0.25	U		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U	1.0	U	0.28	U		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U	0.0075	J	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U	0.0040	J	0.050	U		NA	0.050	U
Dieldrin	0.050	U	0.050	U	0.0082	J	0.050	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	0.050	U	0.050	U	0.0090	J	0.050	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U	0.0042	J	0.050	U		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.0088	J	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.020	U	0.050	U	0.020	U		NA	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U	0.050	U	0.020	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	3.6	U	4.2	U		NA	3.8	U		NA	2.0	U
1,2,3,4,6,7,8-HpCDF	1.9	U	2.2	U		NA	2.1	U		NA	1.2	U
1,2,3,4,7,8,9-HpCDF	2.4	U	2.8	U		NA	2.6	U		NA	1.5	U
1,2,3,4,7,8-HxCDD	2.1	U	2.5	U		NA	2.2	U		NA	1.3	U
1,2,3,4,7,8-HxCDF	1.8	U	1.6	U		NA	1.4	U		NA	1.9	UEMPC
1,2,3,6,7,8-HxCDD	2.1	U	2.5	U		NA	2.1	U		NA	1.2	U
1,2,3,6,7,8-HxCDF	1.3	U	1.5	U		NA	1.4	U		NA	0.80	U
1,2,3,7,8,9-HxCDD	2.0	U	2.5	U		NA	2.1	U		NA	1.2	U
1,2,3,7,8,9-HxCDF	1.6	U	1.8	U		NA	1.8	U		NA	1.0	U
1,2,3,7,8-PeCDD	1.5	U	1.8	U		NA	2.3	U		NA	1.3	U
1,2,3,7,8-PeCDF	1.1	U	1.3	U		NA	1.4	U		NA	0.90	U
2,3,4,6,7,8-HxCDF	1.4	U	1.7	U		NA	1.5	U		NA	0.80	U
2,3,4,7,8-PeCDF	1.1	U	1.3	U		NA	1.5	U		NA	0.90	U
2,3,7,8-TCDD	1.9	U	2.2	U		NA	2.0	U		NA	1.3	U
2,3,7,8-TCDF	1.4	U	1.7	U		NA	1.5	U		NA	0.80	U
OCDD	4.7	U	5.6	U		NA	5.1	U		NA	3.2	U
OCDF	3.7	U	4.4	U		NA	3.7	U		NA	27.0	U
Total HpCDD	3.6	UJ	4.2	UJ		NA	3.8	UJ		NA	2.0	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Total HpCDF	2.2	UJ	2.5	UJ		NA	2.3	UJ		NA	1.3	UJ
Total HxCDD	2.1	UJ	2.5	UJ		NA	2.1	UJ		NA	3.4	UEMPC
Total HxCDF	1.8	UJ	1.6	UJ		NA	1.5	UJ		NA	1.9	UEMPC
Total PeCDD	1.5	UJ	1.8	UJ		NA	2.3	UJ		NA	1.3	UJ
Total PeCDF	1.1	UJ	1.3	UJ		NA	1.4	UJ		NA	0.90	UJ
Total TCDD	1.9	UJ	2.2	UJ		NA	2.0	UJ		NA	1.3	UJ
Total TCDF	1.4	UJ	1.7	UJ		NA	1.5	UJ		NA	0.80	UJ
Toxicity Equivalency	0.00	U	0.00	U		NA	0.00	U		NA	0.00	UJ
TAL Metal Analysis (UG/L)												
Aluminum	212	UJ	257	UJ	34.4	U	10.1	U		NA	56.7	U
Antimony	3.5	U	3.5	U	52.7	U	3.5	U		NA	1.2	U
Arsenic	5.0	UJ	3.2	UJ	49.1		10.8	UJ		NA	3.0	U
Barium	18.5	J	18.0	J	85.7		56.3	J		NA	11.0	
Beryllium	1.1	U	1.1	U	0.89	U	1.1	U		NA	0.20	U
Cadmium	0.50	UJ	0.50	UJ	4.8	U	0.50	UJ		NA	0.37	UJ
Calcium	16300	J	16200	J	36000		54300	J		NA	58600	
Chromium	1.1	UJ	1.3	UJ	5.9	UJ	1.1	UJ		NA	0.80	U
Cobalt	1.2	UJ	1.1	UJ	18.2	U	8.7	J		NA	0.70	U
Copper	0.80	U	0.80	U	4.2	UJ	1.4			NA	1.5	U
Cyanide		NA		NA		NA		NA		NA		NA
Iron	290		348		43900		15800			NA	30.8	U
Lead	1.5	U	1.5	U	0.78	U	1.5	U		NA	1.2	U
Magnesium	21500		22900		12000		18700			NA	7360	
Manganese	1710		1800		1790		2070			NA	146	
Mercury	0.10	U	0.10	U	0.10	UJ	0.10	U		NA	0.10	U
Nickel	1.7	U	1.7	U	38.4	U	2.8	J		NA	4.4	U
Potassium	2660	J	2690	J	6060		4230	J		NA	4400	J
Selenium	2.2	UJ	2.2	UJ	2.0	U	2.2	UJ		NA	3.0	U
Silver		R		R	5.0	UJ	1.4	J		NA	0.80	U
Sodium	19100		19100		70100		43100			NA	17400	
Thallium	4.0	UJ	4.0	UJ	2.2	U	4.0	UJ		NA	2.4	U
Vanadium	0.80	U	0.80	U	4.0	U	0.80	U		NA	0.70	U
Zinc	16.8	UJ	13.0	UJ	7.6	U	32.1	UJ		NA	1.1	UJ
Wet Chemistry Analysis												
Alkalinity	66.0	J		NA	193		112	J		NA	118	
Carbon Dioxide	82.1	J		NA	104		230	J		NA	112	
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	33.7	J		NA	23.9		16.3	J		NA	35.7	
Ferrous Iron	0.15	J		NA	5.1	J	2.71	J		NA	0.030	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-402B-07		OU2-MW-DUP16-07		OU4-MW-402S-01		OU2-MW-402S-07		OU2-GW-404-01		OU2-MW-501B-07	
Sample Location	MW-402B		MW-402B		MW-402S		MW-402S		GW-404		MW-501B	
Date Sampled	1/14/2003		1/14/2003		2/2/1999		1/14/2003		1/21/1999		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-402B-07		Field Dup. OU2-MW-402B-07		None		None		None		None	
Zone	Bedrock		Bedrock		Overburden		Overburden		Overburden		Upgradient Bedrock	
Nitrate	0.24	J		NA	0.24		0.48	J		NA	1.36	J
Nitrate-Nitrite (as N)		NA		NA	0.30			NA		NA		NA
Nitrite-N	0.20	UJ		NA	0.060		0.20	UJ		NA	0.050	J
Sulfate	32.9			NA	230		112			NA	31.7	
Sulfide	0.50	U		NA	0.050	U	0.50	U		NA		R
Total Organic Carbon	3.22			NA		NA	8.83			NA	4.51	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	10	U	10	U	6	J	7	J	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	1	J	10	U
1,1-Dichloroethane	10	U	10	U	130		200		41	
1,1-Dichloroethene	0.9	UJ	0.9	UJ	17		31		10	
1,1-Dichloropropene		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	UJ	10	UJ	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane	100	UJ	100	UJ	1400	J	1800	J	410	J
2,2-Dichloropropane		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	UJ	10	UJ	10	UJ
Acrolein		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA
Benzene	10	U	10	U	6	J	8	J	6	J
Bromobenzene		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	10	U	160		270		130	
Chloroethane	10	U	10	U	10	U	10	U	10	U
Chloroform	10	U	10	U	3	J	1	J	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U	10	U	350		1200	*J	260	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Ethane		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U	10	U	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U
Methylcyclohexane	10	U	10	U	10	U	10	U	10	U
Methylene Chloride	10	U	10	U	6	J	10	U	10	U
Naphthalene		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA
Tetrachloroethene	10	U	10	U	4	J	4	J	10	U
Tetrahydrofuran		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	10	U	10	U	1	J	2	J	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	10	U	1700	*	1800	*J	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA
Vinyl Chloride	1	U	1	U	90		200		28	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane	10.0	U	10.0	U	17.0		32.0		10.0	U
Ethene	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U
Methane	5.0	U	5.0	U	21.0		86.0		640	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl	10	UJ	10	UJ	10	U	10	U	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	UJ	10	UJ	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	U
4-Nitrophenol	25	UJ	25	UJ	27		54		25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U	10	U	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U	10	U	10	U	10	U
Benzaldehyde	10	U	10	U	10	UJ	10	UJ	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	UJ	10	UJ	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	UJ	10	UJ	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U
Total PAH		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chrysene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Phenanthrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD	6.1	U	5.3	J	1.8	U	1.6	U	1.3	U
1,2,3,4,6,7,8-HpCDF	2.9	U	4.2	U	1.1	U	0.90	U	0.70	U
1,2,3,4,7,8,9-HpCDF	3.8	U	5.0	EMPC	1.3	U	1.2	U	0.90	U
1,2,3,4,7,8-HxCDD	3.3	U	4.7	J	1.2	U	1.1	U	0.90	U
1,2,3,4,7,8-HxCDF	2.1	UEMPC	4.9	UEMPC	0.80	U	1.7	U	0.60	U
1,2,3,6,7,8-HxCDD	3.3	U	4.4	EMPC	1.2	U	1.1	U	0.90	U
1,2,3,6,7,8-HxCDF	1.6	J	5.6	J	0.80	U	0.60	U	0.50	U
1,2,3,7,8,9-HxCDD	3.5	U	4.3	EMPC	1.1	U	1.1	U	0.80	U
1,2,3,7,8,9-HxCDF	2.4	U	7.0	J	1.0	U	0.80	U	0.60	U
1,2,3,7,8-PeCDD	3.0	U	6.6	J	1.0	U	0.90	U	0.80	U
1,2,3,7,8-PeCDF	2.0	U	8.6	EMPC	0.80	U	0.70	U	0.60	U
2,3,4,6,7,8-HxCDF	1.7	U	4.7	J	0.90	U	0.70	U	0.60	U
2,3,4,7,8-PeCDF	2.1	U	4.7	J	0.80	U	0.70	U	0.60	U
2,3,7,8-TCDD	3.0	U	2.9	UEMPC	1.1	U	1.0	U	0.80	U
2,3,7,8-TCDF	2.1	U	2.3	EMPC	0.80	U	0.70	U	0.60	U
OCDD	27.6	J	2.6	UJ	2.4	U	11.9	U	5.2	U
OCDF	37.5	U	31.4	UJ	1.9	U	2.0	U	6.1	U
Total HpCDD	6.1	UJ	5.3	J	1.8	UJ	1.6	UJ	1.3	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Total HpCDF	3.3	UJ	9.2	UEMPC	1.2	UJ	1.0	UJ	0.80	UJ
Total HxCDD	3.4	UJ	13.5	UEMPC	1.1	UJ	1.1	UJ	0.90	UJ
Total HxCDF	3.8	UEMPC	17.3	UJ	0.90	UJ	1.7	UJ	0.60	UJ
Total PeCDD	3.0	UJ	6.6	UJ	1.0	UJ	0.90	UJ	0.80	UJ
Total PeCDF	2.0	UJ	13.3	EMPC	0.80	UJ	0.70	UJ	0.60	UJ
Total TCDD	3.0	UJ	2.9	UEMPC	1.1	UJ	1.0	UJ	0.80	UJ
Total TCDF	2.1	UJ	2.3	UEMPC	0.80	UJ	0.70	UJ	0.60	UJ
Toxicity Equivalency	0.16	J	13.0	J	0.00	U	0.00	U	0.00	U
TAL Metal Analysis (UG/L)										
Aluminum	78.5	U	86.9	U	61.3	U	55.1	U	21.8	U
Antimony	3.5	U	3.5	U	3.7	U	3.7	U	3.7	U
Arsenic	2.9	U	3.5	UJ	2.5	U	2.5	U	96.0	
Barium	22.9		8.7		26.3		104		102	
Beryllium	0.22	U	0.24	U	0.10	U	0.10	U	0.10	U
Cadmium	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Calcium	18800		7920		192000		45800		93300	
Chromium	0.90	U	0.90	U	0.60	U	0.60	U	1.4	
Cobalt	1.0	U	1.0	U	2.0		2.3		1.0	J
Copper	1.3	UJ	1.3	UJ	1.7	UJ	1.7	UJ	1.4	U
Cyanide		NA		NA	2.0	J	14.0		1.0	J
Iron	18.1	U	18.1	U	13.7	U	41.9	U	15700	
Lead	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Magnesium	6840		1610		45500		6670		75800	
Manganese	53.8		44.3		83.8		27.6		8180	
Mercury	0.20	U	0.20	U	0.10	U	0.10	U	0.10	U
Nickel	5.1	U	3.4	U	1.7	J	7.6		1.6	J
Potassium	3030		1200	J	10000		6150		12400	
Selenium	3.0	UJ	3.0	UJ	3.3	U	3.3	U	6.2	J
Silver	1.1	UJ	1.1	U	0.70	U	0.70	U	0.70	U
Sodium	22500		19800		40700		22200		77800	
Thallium	3.1	U	4.5	UJ	5.1	U	5.1	U	5.1	U
Vanadium	2.8	U	3.8	U	1.2	J	1.5		0.70	U
Zinc	12.2	U	13.1	U	9.2		159		4.6	U
Wet Chemistry Analysis										
Alkalinity	26.0		18.0		298		398		408	
Carbon Dioxide	57.2		71.6		319		431		469	
Carbon Dioxide, Free		NA		NA		NA		NA		NA
Chloride	54.4		10.0		148		204		130	
Ferrous Iron	0.030	U	0.030	U	0.030	U	0.030	U	11.4	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-501D-07		OU2-MW-501S-07		OU2-MW-502B-07		OU2-MW-502D-07		OU2-MW-502S-07	
Sample Location	MW-501D		MW-501S		MW-502B		MW-502D		MW-502S	
Date Sampled	12/13/2002		12/13/2002		12/18/2002		12/18/2002		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Upgradient Overburden		Upgradient Overburden		Bedrock		Overburden		Overburden	
Nitrate	3.6		0.065		0.050	UJ	43.2	J	0.060	J
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA
Nitrite-N	0.050	UJ	0.050	UJ	0.050	UJ	0.15	J	0.050	UJ
Sulfate	29.1		52.1		48.3		104		119	
Sulfide		R		R	0.50	U	0.50	U	0.50	U
Total Organic Carbon	2.0	UJ	3.15	J	2.0	U	6.02		7.9	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1,2-Tetrachloroethane		NA		NA		NA		NA		NA		NA
1,1,1-Trichloroethane	4700	*	1300	*	710	*J	10	U	86		66	
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	13		7	J	3	J	10	U	4	J	3	J
1,1-Dichloroethane	400	*	330		1100	*J	10	U	70		81	
1,1-Dichloroethene	3100	*	1000	*	330		0.9	U	90		73	
1,1-Dichloropropene		NA		NA		NA		NA		NA		NA
1,2,3-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2,3-Trichloropropane		NA		NA		NA		NA		NA		NA
1,2,4-Trichlorobenzene	10	UJ	10	UJ	10	U	10	U	10	U	10	UJ
1,2,4-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	7	J	6	J	3	J	10	U	4	J	4	J
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3,5-Trimethylbenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,3-Dichloropropane		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane	620	J	1600	J	350	J	72	J	590	J	570	J
2,2-Dichloropropane		NA		NA		NA		NA		NA		NA
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorotoluene		NA		NA		NA		NA		NA		NA
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U
4-Chlorotoluene		NA		NA		NA		NA		NA		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	UJ	8	J	10	UJ	10	U
Acrolein		NA		NA		NA		NA		NA		NA
Acrylonitrile		NA		NA		NA		NA		NA		NA
Benzene	8	J	26		53		10	U	8	J	9	J
Bromobenzene		NA		NA		NA		NA		NA		NA
Bromochloromethane		NA		NA		NA		NA		NA		NA
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

APPENDIX B-1
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
RAYMARK - OU2 - GROUNDWATER
STRATFORD, CONNECTICUT

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	72		180		94		10	U	180		210	
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Chloroform	9	J	8	J	2	J	10	U	21		12	
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	1600	*	1700	*	1100	*J	10	U	1100	*	1800	*
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dibromomethane		NA		NA		NA		NA		NA		NA
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Ethyl Ether		NA		NA		NA		NA		NA		NA
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA		NA		NA		NA		NA
Isopropylbenzene	10	U	10	U	10	U	3	J	10	U	10	U
m&p-Xylene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Methyl Acetate	10	U	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	10	U	10	U	10	U	6	J	10	U	10	U
Methylcyclohexane	10	U	2	J	25		10	U	10	U	10	U
Methylene Chloride	10	U	10	U	10	U	10	U	75		25	
Naphthalene		NA		NA		NA		NA		NA		NA
N-Butylbenzene		NA		NA		NA		NA		NA		NA
N-Propylbenzene		NA		NA		NA		NA		NA		NA
o-Xylene		NA		NA		NA		NA		NA		NA
p-Isopropyltoluene		NA		NA		NA		NA		NA		NA
Sec-Butylbenzene		NA		NA		NA		NA		NA		NA
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tert-Butylbenzene		NA		NA		NA		NA		NA		NA
Tetrachloroethene	4	J	6	J	10	U	10	U	17		10	
Tetrahydrofuran		NA		NA		NA		NA		NA		NA
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	3	J	10	U	10	U
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	3	J	4	J
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	750	*	1000	*	86		10	U	4500	*	2900	*

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl Acetate		NA		NA		NA		NA		NA		NA
Vinyl Chloride	140		340		440	*J	1	U	230		400	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U	10.0	U	13.0		10.0	U		NA		NA
Ethene	10.0	U	10.0	U	23.0		10.0	U		NA		NA
Methane	210		260		740		11000			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
1,2-Dichloroethane		NA		NA		NA		NA		NA		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Ethylbenzene		NA		NA		NA		NA		NA		NA
Methylene Chloride		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Total Xylenes		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene		NA		NA		NA		NA		NA		NA
1,2-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,3-Dichlorobenzene		NA		NA		NA		NA		NA		NA
1,4-Dichlorobenzene		NA		NA		NA		NA		NA		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	8	J	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
2-Nitrophenol	10	U	10	U	10	U	10	U	15		7	J
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	1	J
4-Chloroaniline	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	U
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	U	25	U	25	U	25	U	25	UJ	25	UJ
4-Nitrophenol	25	U	9	J	25	U	25	U	410	*	150	*
Acenaphthene	10	U	10	U	10	U	27		10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U	10	U	10	U	10	U	10	U
Benzaldehyde	10	UJ	10	UJ	10	UJ	10	UJ	10	U	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	6	J	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	UJ	10	U	10	U	10	U
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	1	J	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	1	J	10	U	10	U
Phenol	10	U	10	U	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Total PAH		NA		NA		NA		NA		NA		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U	0.20	U	0.45		0.20	U	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chrysene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Phenanthrene	0.20	U	0.20	U	0.20	U	1.5		0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.095	J	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.081	J	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Dieldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	1.5	U	2.1	U	4.7	J	1.7	U		NA	5.1	J
1,2,3,4,6,7,8-HpCDF	0.90	U	1.2	U	4.5	U	0.90	U		NA	4.2	UEMPC
1,2,3,4,7,8,9-HpCDF	1.1	U	1.6	U	5.2	U	1.2	U		NA	4.7	EMPC
1,2,3,4,7,8-HxCDD	1.0	U	1.5	U	4.9	U	1.1	U		NA	4.8	J
1,2,3,4,7,8-HxCDF	1.1	U	1.0	U	5.7	U	2.0	U		NA	5.4	U
1,2,3,6,7,8-HxCDD	1.0	U	1.5	U	4.4	UEMPC	1.0	U		NA	4.9	J
1,2,3,6,7,8-HxCDF	0.60	U	0.90	U	5.3	U	0.60	U		NA	5.9	J
1,2,3,7,8,9-HxCDD	1.0	U	1.5	U	5.5	U	1.0	U		NA	5.5	J
1,2,3,7,8,9-HxCDF	0.80	U	1.3	UEMPC	6.6	U	1.7	UEMPC		NA	6.5	J
1,2,3,7,8-PeCDD	0.90	U	1.3	U	6.0	U	1.0	U		NA	6.9	J
1,2,3,7,8-PeCDF	0.70	U	1.6	UEMPC	7.1	U	0.70	U		NA	8.4	J
2,3,4,6,7,8-HxCDF	0.70	U	1.1	U	4.6	U	0.70	U		NA	4.6	J
2,3,4,7,8-PeCDF	0.70	U	1.0	U	5.4	U	0.70	U		NA	8.5	EMPC
2,3,7,8-TCDD	1.0	U	1.5	U	4.0	U	1.0	U		NA	3.2	U
2,3,7,8-TCDF	0.70	U	1.0	U	2.6	EMPC	0.70	U		NA	1.6	U
OCDD	2.1	U	4.0	U	4.4	U	4.7	U		NA	9.1	J
OCDF	1.7	U	2.2	U	8.8	U	1.8	U		NA	36.5	U
Total HpCDD	1.5	UJ	2.1	UJ	4.7	J	1.7	UJ		NA	5.1	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Total HpCDF	1.0	UJ	1.4	UJ	9.7	UJ	1.0	UJ		NA	8.9	UEMPC
Total HxCDD	1.0	UJ	1.5	UJ	14.8	UEMPC	1.0	UJ		NA	15.1	UJ
Total HxCDF	1.1	UJ	2.3	UEMPC	22.1	UJ	3.7	UEMPC		NA	22.4	J
Total PeCDD	0.90	UJ	1.3	UJ	6.0	UJ	2.0	UEMPC		NA	6.9	UJ
Total PeCDF	0.70	UJ	1.6	UEMPC	12.5	UJ	0.70	UJ		NA	16.9	EMPC
Total TCDD	1.0	UJ	1.5	UJ	4.0	UJ	1.0	UJ		NA	3.2	UJ
Total TCDF	0.70	UJ	1.0	UJ	2.6	EMPC	0.70	UJ		NA	1.6	UJ
Toxicity Equivalency	0.00	U	0.00	UJ	0.31	J	0.00	UJ		NA	15.0	J
TAL Metal Analysis (UG/L)												
Aluminum	78.7	U	34.0	UJ	85.0	UJ	23.1	UJ	72.6	UJ	88.6	UJ
Antimony	4.5	J	3.7	U	1.2	U	3.7	U	1.2	U	1.2	U
Arsenic	2.5	U	2.5	U	3.0	U	2.5	U	3.0	U	3.0	U
Barium	46.4	J	63.0		29.2		84.8		122		172	
Beryllium	0.24	U	0.10	U	0.20	U	0.10	U	0.20	U	0.20	U
Cadmium	3.2	J	1.4		0.41	UJ	0.40	U	1.1	U	1.1	U
Calcium	286000		156000		87800		130000		216000		134000	
Chromium	8.2	J	6.6		1.2	J	0.60	U	1.6		1.4	J
Cobalt	38.6	J	16.0		2.1		0.60	U	10.6		10.7	
Copper	1.4	U	1.4	U	3.2		1.4	U	4.6		1.6	J
Cyanide		NA		NA		NA		NA		NA		NA
Iron	13.7	U	13.7	U	21.3	UJ	7820		12.5	U	12.5	U
Lead	6.6		5.2		1.5	J	2.3	U	2.0	J	1.4	J
Magnesium	187000		102000		63100		12500		144000		142000	
Manganese	55100	J	33300	J	17200		1370	J	26900		24500	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	55.5	J	17.0		4.3	U	1.0	U	14.2		10.8	
Potassium	15400	J	11400		7350	J	13600		14300	J	13200	J
Selenium	22.9	J	19.6		8.4	J	3.3	U	12.2	J	9.9	J
Silver	2.7		2.2		1.4	J	0.70	U	1.5	J	1.7	
Sodium	212000		153000		94300		51200		185000		176000	
Thallium	29.4	J	20.5		20.7		5.1	U	33.5		29.0	
Vanadium	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U
Zinc	16.3	J	16.6		1.1	UJ	2.7	U	5.2	J	1.1	UJ
Wet Chemistry Analysis												
Alkalinity	298		310		248		433			NA		NA
Carbon Dioxide	373		425		334		434			NA		NA
Carbon Dioxide, Free		NA		NA		NA		NA		NA		NA
Chloride	202		214		205		32.4			NA		NA
Ferrous Iron	0.030		0.030		0.030	U	1.74			NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-503B-07		OU2-MW-503D-07		OU2-MW-503M-07		OU2-MW-503S-07		OU2-MW-504B-07		OU2-MW-504D-07	
Sample Location	MW-503B		MW-503D		MW-503M		MW-503S		MW-504B		MW-504D	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		12/18/2002		12/17/2002		12/16/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Nitrate	0.050	U	2.01		0.050	U	0.050	UJ		NA		NA
Nitrate-Nitrite (as N)		NA		NA		NA		NA		NA		NA
Nitrite-N	0.050	U	0.050	U	0.050	U	0.050	UJ		NA		NA
Sulfate	1410		507		182		5.0	U		NA		NA
Sulfide	0.50	U	0.50	U	0.50	U	0.50	U		NA		NA
Total Organic Carbon	2.0	U	2.0	U	2.0	U	6.6			NA		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Volatile Organic Analysis (UG/L)		
1,1,1,2-Tetrachloroethane		NA
1,1,1-Trichloroethane	10	U
1,1,2,2-Tetrachloroethane	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
1,1,2-Trichloroethane	10	U
1,1-Dichloroethane	16	
1,1-Dichloroethene	2	
1,1-Dichloropropene		NA
1,2,3-Trichlorobenzene		NA
1,2,3-Trichloropropane		NA
1,2,4-Trichlorobenzene	10	U
1,2,4-Trimethylbenzene		NA
1,2-Dibromo-3-chloropropane	10	UJ
1,2-Dibromoethane	10	U
1,2-Dichlorobenzene	10	U
1,2-Dichloroethane	10	U
1,2-Dichloroethene (total)		NA
1,2-Dichloropropane	10	U
1,3,5-Trimethylbenzene		NA
1,3-Dichlorobenzene	10	U
1,3-Dichloropropane		NA
1,4-Dichlorobenzene	10	U
1,4-Dioxane	190	J
2,2-Dichloropropane		NA
2-Butanone	10	U
2-Chlorotoluene		NA
2-Hexanone	10	U
4-Chlorotoluene		NA
4-Methyl-2-Pentanone	10	U
Acetone	5	J
Acrolein		NA
Acrylonitrile		NA
Benzene	10	U
Bromobenzene		NA
Bromochloromethane		NA
Bromodichloromethane	10	U
Bromoform	10	U
Bromomethane	10	U

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Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Carbon Disulfide	10	U
Carbon Tetrachloride	10	U
Chlorobenzene	10	U
Chloroethane	10	U
Chloroform	10	U
Chloromethane	10	U
cis-1,2-Dichloroethene	17	
cis-1,3-Dichloropropene	10	U
Cyclohexane	10	U
Dibromochloromethane	10	U
Dibromomethane		NA
Dichlorodifluoromethane	10	UJ
Ethane		NA
Ethene		NA
Ethyl Ether		NA
Ethylbenzene	10	U
Hexachlorobutadiene		NA
Isopropylbenzene	10	U
m&p-Xylene		NA
Methane		NA
Methyl Acetate	10	U
Methyl tert-Butyl Ether	10	U
Methylcyclohexane	10	U
Methylene Chloride	10	U
Naphthalene		NA
N-Butylbenzene		NA
N-Propylbenzene		NA
o-Xylene		NA
p-Isopropyltoluene		NA
Sec-Butylbenzene		NA
Styrene	10	U
Tert-Butylbenzene		NA
Tetrachloroethene	10	U
Tetrahydrofuran		NA
Toluene	10	U
Total Xylenes	10	U
trans-1,2-Dichloroethene	10	U
trans-1,3-Dichloropropene	10	U
Trichloroethene	10	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Trichlorofluoromethane	10	U
Vinyl Acetate		NA
Vinyl Chloride	2	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)		
Ethane		NA
Ethene		NA
Methane		NA
Volatile Organic Screening Analysis (UG/L)		
1,1,1-Trichloroethane		NA
1,1-Dichloroethane		NA
1,1-Dichloroethene		NA
1,2-Dichloroethane		NA
1,2-Dichloroethene (total)		NA
Benzene		NA
Chlorobenzene		NA
cis-1,2-Dichloroethene		NA
Ethylbenzene		NA
Methylene Chloride		NA
Tetrachloroethene		NA
Toluene		NA
Total Xylenes		NA
Trichloroethene		NA
Vinyl Chloride		NA
Semivolatile Organic Analysis (UG/L)		
1,1'-Biphenyl	10	U
1,2,4-Trichlorobenzene		NA
1,2-Dichlorobenzene		NA
1,3-Dichlorobenzene		NA
1,4-Dichlorobenzene		NA
2,2'-oxybis(1-Chloropropane)	10	U
2,4,5-Trichlorophenol	25	U
2,4,6-Trichlorophenol	10	U
2,4-Dichlorophenol	10	U
2,4-Dimethylphenol	10	U
2,4-Dinitrophenol	25	U
2,4-Dinitrotoluene	10	U
2,6-Dinitrotoluene	10	U
2-Chloronaphthalene	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
2-Chlorophenol	10	U
2-Methylnaphthalene	10	U
2-Methylphenol	10	U
2-Nitroaniline	25	U
2-Nitrophenol	10	U
3,3'-Dichlorobenzidine	10	U
3-Nitroaniline	25	U
4,6-Dinitro-2-methylphenol	25	U
4-Bromophenyl-phenylether	10	U
4-Chloro-3-methylphenol	10	U
4-Chloroaniline	10	U
4-Chlorophenyl-phenylether	10	U
4-Methylphenol	10	U
4-Nitroaniline	25	UJ
4-Nitrophenol	25	U
Acenaphthene	10	U
Acenaphthylene	10	U
Acetophenone	10	U
Anthracene	10	U
Atrazine	10	U
Benzaldehyde	10	UJ
Benzo(a)anthracene	10	U
Benzo(a)pyrene	10	U
Benzo(b)fluoranthene	10	U
Benzo(g,h,i)perylene	10	U
Benzo(k)fluoranthene	10	U
Bis(2-Chloroethoxy)methane	10	U
Bis(2-Chloroethyl)ether	10	U
bis(2-Ethylhexyl)phthalate	10	U
Butylbenzylphthalate	10	U
Caprolactam	10	U
Carbazole	10	U
Chrysene	10	U
Dibenzo(a,h)anthracene	10	U
Dibenzofuran	10	U
Diethylphthalate	10	U
Dimethylphthalate	10	U
Di-n-Butylphthalate	10	U
Di-n-octylphthalate	10	U

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Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Fluoranthene	10	U
Fluorene	10	U
Hexachlorobenzene	10	U
Hexachlorobutadiene	10	U
Hexachlorocyclopentadiene	10	U
Hexachloroethane	10	U
Indeno(1,2,3-cd)pyrene	10	U
Isophorone	10	U
Naphthalene	10	U
Nitrobenzene	10	U
N-Nitroso-di-n-propylamine	10	U
N-Nitroso-diphenylamine	10	U
Pentachlorophenol	25	U
Phenanthrene	10	U
Phenol	10	U
Pyrene	10	U
Total PAH		NA
Low Concentration PAH (SIM) Analysis (UG/L)		
Acenaphthylene	0.20	U
Benzo(a)anthracene	0.20	U
Benzo(a)pyrene	0.20	U
Benzo(b)fluoranthene	0.20	U
Benzo(k)fluoranthene	0.20	U
Chrysene	0.20	U
Dibenzo(a,h)anthracene	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U
Phenanthrene	0.20	U
Pesticide/PCB Analysis (UG/L)		
4,4'-DDD	0.10	U
4,4'-DDE	0.10	U
4,4'-DDT	0.10	U
Aldrin	0.050	U
alpha-BHC	0.050	U
alpha-Chlordane	0.050	U
Aroclor, Total		NA
Aroclor-1016	1.0	U
Aroclor-1221	0.25	U
Aroclor-1232	1.0	U
Aroclor-1242	1.0	U

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Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Aroclor-1248	1.0	U
Aroclor-1254	0.25	U
Aroclor-1260	0.25	U
Aroclor-1262	0.28	U
Aroclor-1268	1.0	U
beta-BHC	0.050	U
delta-BHC	0.050	U
Dieldrin	0.050	U
Endosulfan I	0.050	U
Endosulfan II	0.10	U
Endosulfan Sulfate	0.10	U
Endrin	0.050	U
Endrin Aldehyde	0.10	U
Endrin Ketone	0.10	U
gamma-BHC	0.050	U
gamma-Chlordane	0.050	U
Heptachlor	0.020	U
Heptachlor Epoxide	0.020	U
Methoxychlor	0.50	U
Toxaphene	5.0	U
Dioxin Analysis (PG/L)		
1,2,3,4,6,7,8-HpCDD	3.2	U
1,2,3,4,6,7,8-HpCDF	1.7	U
1,2,3,4,7,8,9-HpCDF	2.1	U
1,2,3,4,7,8-HxCDD	1.9	U
1,2,3,4,7,8-HxCDF	1.9	UEMPC
1,2,3,6,7,8-HxCDD	1.9	U
1,2,3,6,7,8-HxCDF	1.2	U
1,2,3,7,8,9-HxCDD	1.9	U
1,2,3,7,8,9-HxCDF	1.5	U
1,2,3,7,8-PeCDD	1.5	U
1,2,3,7,8-PeCDF	1.3	U
2,3,4,6,7,8-HxCDF	1.3	U
2,3,4,7,8-PeCDF	2.6	J
2,3,7,8-TCDD	1.9	U
2,3,7,8-TCDF	1.3	U
OCDD	10.6	J
OCDF	45.6	U
Total HpCDD	3.2	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Total HpCDF	1.8	UJ
Total HxCDD	1.9	UJ
Total HxCDF	1.9	UEMPC
Total PeCDD	1.5	UJ
Total PeCDF	2.6	J
Total TCDD	1.9	UJ
Total TCDF	1.3	UJ
Toxicity Equivalency	1.3	J
TAL Metal Analysis (UG/L)		
Aluminum	56.7	U
Antimony	1.2	U
Arsenic	3.0	U
Barium	65.4	
Beryllium	0.20	U
Cadmium	0.39	UJ
Calcium	52800	
Chromium	0.80	U
Cobalt	1.2	J
Copper	1.5	U
Cyanide		NA
Iron	21.1	UJ
Lead	1.2	U
Magnesium	18800	
Manganese	768	
Mercury	0.10	U
Nickel	2.2	U
Potassium	3010	J
Selenium	3.0	U
Silver	0.80	U
Sodium	41600	
Thallium	2.4	U
Vanadium	0.70	U
Zinc	1.1	UJ
Wet Chemistry Analysis		
Alkalinity		NA
Carbon Dioxide		NA
Carbon Dioxide, Free		NA
Chloride		NA
Ferrous Iron		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-504S-07	
Sample Location	MW-504S	
Date Sampled	12/16/2002	
Interval	0.0-0.0	
QC Identifier	None	
Zone	Overburden	
Nitrate		NA
Nitrate-Nitrite (as N)		NA
Nitrite-N		NA
Sulfate		NA
Sulfide		NA
Total Organic Carbon		NA

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	100		93		10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	3	J	4	J	10	U	10	U	10	U	10	U
1,1-Dichloroethane	59		57		300		280		310		320	
1,1-Dichloroethene	170		89		0.9	U	0.9	U	0.9	U	0.9	U
1,2,4-Trichlorobenzene	10	UJ	10	U	10	U	10	U	10	UJ	10	U
1,2-Dibromo-3-chloropropane	10	U	10	UJ	10	UJ	10	UJ	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	3	J	4	J	10	U	10	U	10	U	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane	430	J	570	J		NA	200	J	170	J	190	J
2-Butanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	4		10	UJ	2	J	10	UJ
Benzene	5	J	7	J	8		8	J	9	J	6	J
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	88		140		16		15		16		19	
Chloroethane	10	U	10	U	110		110		110		14	
Chloroform	14		21		10	U	10	U	10	U	10	U
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	420	*	710	*	10	U	10	U	10	U	33	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	8		7	J	9	J	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Isopropylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Methyl Acetate	10	U	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U	10	U	2		2	J	2	J	1	J
Methylene Chloride	45		55		10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10		17		10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U	10	U
Total Xylenes	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	1	J	2	J	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	3300	*	4700	*	10	U	10	U	10	U	10	U
Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	81		180		2		2		2		28	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U	10	U	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dichlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dimethylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	U	25	U	25	U	25	U	25	U	25	U
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chloronaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Chlorophenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylnaphthalene	10	U	10	U	10	U	10	U	10	U	10	U
2-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
2-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	11		22		10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U	10	U	10	U
3-Nitroaniline	25	U	25	U	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U	25	U	25	U
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Chloroaniline	10	U	10	U	10	UJ	10	UJ	10	U	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U	10	U	10	U
4-Methylphenol	10	U	10	U	10	U	10	U	10	U	10	U
4-Nitroaniline	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	U
4-Nitrophenol	200	*	300	*	25	U	25	U	25	U	25	U
Acenaphthene	10	U	10	U	10	U	10	U	10	U	10	U
Acenaphthylene	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	10	U	10	U	10	U	10	U	10	U	10	U
Anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Atrazine	10	U	10	U	10	U	10	U	10	U	10	U
Benzaldehyde	10	UJ	10	UJ	10	U	10	U	10	UJ	10	UJ
Benzo(a)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(a)pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	U	10	U	10	U	10	U	10	U	10	UJ
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U	10	U	10	U
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Caprolactam	10	U	10	U	10	U	10	U	10	U	10	U
Carbazole	10	U	10	U	10	U	10	U	10	U	10	U
Chrysene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzo(a,h)anthracene	10	U	10	U	10	U	10	U	10	U	10	U
Dibenzofuran	10	U	10	U	10	U	10	U	10	U	10	U
Diethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Dimethylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-Butylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Di-n-octylphthalate	10	U	10	U	10	U	10	U	10	U	10	U
Fluoranthene	10	U	10	U	10	U	10	U	10	U	10	U
Fluorene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorobutadiene	10	U	10	U	10	U	10	U	10	U	10	U
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U	10	U	10	UJ
Isophorone	10	U	10	U	10	U	10	U	10	U	10	U
Naphthalene	10	U	10	U	10	U	10	U	10	U	10	U
Nitrobenzene	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U	10	U	10	U
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U	10	U	10	U
Pentachlorophenol	25	U	25	U	25	U	25	U	25	U	25	U
Phenanthrene	10	U	10	U	10	U	10	U	10	U	10	U
Phenol	10	U		R	10	U	10	U	10	U	10	U
Pyrene	10	U	10	U	10	U	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Chrysene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Phenanthrene	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
alpha-BHC	0.050	U	0.057	J	0.050	U	0.050	U	0.050	U	0.050	U
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1221	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Aroclor-1254	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1260	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Aroclor-1262	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U	0.28	U
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Heptachlor	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U	0.020	U
Heptachlor Epoxide	0.020	U	0.35	J	0.020	U	0.020	U	0.020	U	0.020	U
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.6	U	2.3	U	2.2	U	2.2	U	2.3	U	2.7	U
1,2,3,4,6,7,8-HpCDF	1.5	U	2.0	U	1.2	U	1.2	U	1.1	U	1.5	U
1,2,3,4,7,8,9-HpCDF	1.8	U	1.6	U	1.5	U	1.5	U	1.4	U	1.9	U
1,2,3,4,7,8-HxCDD	1.6	U	1.3	U	1.3	U	1.3	U	1.3	U	1.7	U
1,2,3,4,7,8-HxCDF	1.1	U	2.8	U	0.80	U	0.80	U	2.5	U	1.5	U
1,2,3,6,7,8-HxCDD	1.6	U	1.2	MPC	1.2	U	1.2	U	1.3	U	1.7	U
1,2,3,6,7,8-HxCDF	1.1	U	1.9	J	0.85		0.80	U	1.3	J	1.3	J
1,2,3,7,8,9-HxCDD	1.6	U	2.0	MPC	1.8		1.2	U	3.1	J	1.6	U
1,2,3,7,8,9-HxCDF	1.3	U	2.2	J	1.4		1.0	U	2.4	J	1.3	EMPC
1,2,3,7,8-PeCDD	1.5	U	1.3	U	1.3	U	1.3	U	1.3	U	1.5	U
1,2,3,7,8-PeCDF	1.1	U	3.4	J	0.80	U	0.80	U	0.90	U	1.1	U
2,3,4,6,7,8-HxCDF	1.2	U	2.1	J	0.80	U	0.80	U	0.80	U	1.2	J
2,3,4,7,8-PeCDF	1.1	U	2.0	MPC	0.90	U	0.90	U	0.90	U	1.2	U
2,3,7,8-TCDD	1.7	U	1.4	U	1.2	U	1.2	U	1.3	U	1.6	U
2,3,7,8-TCDF	1.2	U	0.90	U	0.80	U	0.80	U	0.90	U	1.2	U
OCDD	4.5	J	6.9	J	9.4		13.0	EMPC	5.8	J	7.4	J
OCDF	36.2	U	40.5	U	31.8	U	31.8	U	23.9	U	17.8	U
Total HpCDD	2.6	UJ	2.3	UJ	2.2	UJ	2.2	UJ	2.3	UJ	2.7	UJ
Total HpCDF	1.6	UJ	2.0	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.7	UJ
Total HxCDD	1.6	UJ	4.9	MPC	1.2	UJ	1.2	UJ	3.1	UJ	1.7	UJ
Total HxCDF	1.1	UJ	9.0	UJ	0.80	UJ	0.80	UJ	6.2	UJ	5.3	UEMPC
Total PeCDD	1.5	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.3	UJ	1.5	UJ
Total PeCDF	1.1	UJ	5.5	MPC	0.80	UJ	0.80	UJ	0.90	UJ	1.1	UJ
Total TCDD	1.7	UJ	1.4	UJ	1.2	UJ	1.2	UJ	1.3	UJ	1.6	UJ
Total TCDF	1.2	UJ	0.90	UJ	0.80	UJ	0.80	UJ	0.90	UJ	1.2	UJ
Toxicity Equivalency	0.026	J	2.1	J	0.34		0.0013	J	0.68	J	0.38	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-505B-07		OU2-MW-505D-07		OU2-MW-505M-07-AVG		OU2-MW-505M-07		OU2-MW-DUP05-07		OU2-MW-505S-07	
Sample Location	MW-505B		MW-505D		MW-505M		MW-505M		MW-505M		MW-505S	
Date Sampled	12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/16/2002		12/17/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		Field Dup. OU2-MW-505M-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	56.7	U	108	UJ	56.7	U	56.7	U	56.7	U	56.7	U
Antimony	1.2	U	2.0	J	1.2	U	1.2	U	1.2	U	1.2	U
Arsenic	3.0	U	3.0	U	148		143		153		26.4	
Barium	158		167		46.2		45.1		47.3		25.6	
Beryllium	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Cadmium	0.30	UJ	2.3		0.30	U	0.30	U	0.30	U	0.30	U
Calcium	299000		163000		69000		67200		70800		84000	
Chromium	0.80	U	2.2		0.80	U	0.80	U	0.80	U	0.80	U
Cobalt	1.3	J	43.5		0.70	U	0.70	U	0.70	U	5.6	
Copper		R	3.6		1.4		2.1	J	1.5	U	2.1	J
Cyanide		NA		NA		NA		NA		NA		NA
Iron	82.3	U	96.8	U	50300		48900		51700		32600	
Lead	1.2	U	3.8		1.2	U	1.2	U	1.2	U	1.2	U
Magnesium	64000		142000		35800		34800		36700		37400	
Manganese	1010		43400		8360		8160		8550		7270	
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nickel	4.5	U	22.4		1.0	U	1.0	U	1.0	U	2.0	U
Potassium	10300	J	16700	J	9780		9460	J	10100	J	9840	J
Selenium	3.0	U	19.0		6.4		5.7	J	7.0	J	5.0	J
Silver	0.80	U	2.5		0.80	U	0.80	U	0.80	U	0.94	J
Sodium	75400		224000		97800		95800		99800		101000	
Thallium	2.4	U	53.4		13.1		12.3		13.9		10.5	
Vanadium	0.70	UJ	0.70	U	0.70	U	0.70	U	0.70	U	0.70	U
Zinc	1.1	UJ	8.0	J	2.4		1.1	UJ	4.3	J	1.1	UJ
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)										
1,1,1-Trichloroethane	10	U	300	*	10	U	1100		3	J
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	UJ	10	UJ	10	UJ
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethane	10	U	4	J	10	U	16		110	
1,1-Dichloroethene	10	U	100		0.9	U	470		6	
1,2,4-Trichlorobenzene	10	U	10	U	10	UJ	10	UJ	10	U
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U	10	U	10	U
1,2-Dibromoethane	10	U	10	U	10	U	10	U	10	U
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	5	J	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane		NA		NA	100	UJ	230	J	1200	J
2-Butanone	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U	4	J
Acetone	10	U	13		13		10	U	10	U
Benzene	10	U	2	J	10	U	6	J	4	J
Bromodichloromethane	5	J	5	J	13		10	U	10	U
Bromoform	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	10	U	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	U	10	U	10	U	10	U	10	U
Chlorobenzene	10	U	3	J	10	U	17		180	
Chloroethane	10	U	10	U	10	U	10	U	36	
Chloroform	20		21		42		7	J	3	J
Chloromethane	10	U	10	U	10	U	10	U	10	U
cis-1,2-Dichloroethene	10	U	6	J	10	U	29		12	
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Cyclohexane	10	U	10	U	10	U	10	U	3	J
Dibromochloromethane	10	U	10	U	2	J	10	U	10	U
Dichlorodifluoromethane	10	U	10	U	10	UJ	10	UJ	10	UJ
Ethylbenzene	10	U	10	U	10	U	10	U	6	J
Isopropylbenzene	10	U	10	U	10	U	10	U	1	J
Methyl Acetate	10	U	10	U	10	U	10	U	10	U
Methyl tert-Butyl Ether	10	U	10	U	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
Methylcyclohexane	10	U	10	U	10	U	10	U	5	J
Methylene Chloride	10	U	9	J	10	U	30		5	J
Styrene	10	U	10	U	10	U	10	U	10	U
Tetrachloroethene	10	U	5	J	10	U	27		10	U
Toluene	10	U	10	U	10	U	10	U	45	J
Total Xylenes	10	U	10	U	10	U	10	U	27	
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	270	*	22		900		12	
Trichlorofluoromethane	10	U	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	1	J	1	U	8		8	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)										
Ethane		NA		NA	10.0	U	10.0	U	12.0	
Ethene		NA		NA	10.0	U	10.0	U	10.0	U
Methane		NA		NA	5.0	U	110		8400	
Volatile Organic Screening Analysis (UG/L)										
1,1,1-Trichloroethane		NA		NA		NA		NA		NA
1,1-Dichloroethene		NA		NA		NA		NA		NA
Benzene		NA		NA		NA		NA		NA
Chlorobenzene		NA		NA		NA		NA		NA
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA
Tetrachloroethene		NA		NA		NA		NA		NA
Toluene		NA		NA		NA		NA		NA
Trichloroethene		NA		NA		NA		NA		NA
Vinyl Chloride		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)										
1,1'-Biphenyl		NA		NA	10	U	10	U	10	U
2,2'-oxybis(1-Chloropropane)		NA		NA	10	U	10	U	10	U
2,4,5-Trichlorophenol		NA		NA	25	U	25	U	25	U
2,4,6-Trichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dichlorophenol		NA		NA	10	U	10	U	10	U
2,4-Dimethylphenol		NA		NA	10	U	10	U	10	U
2,4-Dinitrophenol		NA		NA	25	U	25	U	6	J
2,4-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2,6-Dinitrotoluene		NA		NA	10	U	10	U	10	U
2-Chloronaphthalene		NA		NA	10	U	10	U	10	U
2-Chlorophenol		NA		NA	10	U	10	U	10	U
2-Methylnaphthalene		NA		NA	10	U	10	U	10	U
2-Methylphenol		NA		NA	10	U	10	U	10	U
2-Nitroaniline		NA		NA	25	U	25	U	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
2-Nitrophenol		NA		NA	10	U	4	J	2	J
3,3'-Dichlorobenzidine		NA		NA	10	U	10	U	10	U
3-Nitroaniline		NA		NA	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol		NA		NA	25	U	25	U	19	J
4-Bromophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Chloro-3-methylphenol		NA		NA	10	U	10	U	1	J
4-Chloroaniline		NA		NA	10	U	10	UJ	10	UJ
4-Chlorophenyl-phenylether		NA		NA	10	U	10	U	10	U
4-Methylphenol		NA		NA	10	U	10	U	24	
4-Nitroaniline		NA		NA	25	UJ	25	U	25	U
4-Nitrophenol		NA		NA	25	U	93	*	42	
Acenaphthene		NA		NA	10	U	10	U	10	U
Acenaphthylene		NA		NA	10	U	10	U	10	U
Acetophenone		NA		NA	10	U	10	U	10	U
Anthracene		NA		NA	10	U	10	U	10	U
Atrazine		NA		NA	10	U	10	U	10	U
Benzaldehyde		NA		NA	10	UJ	10	UJ	10	UJ
Benzo(a)anthracene		NA		NA	10	U	10	U	10	U
Benzo(a)pyrene		NA		NA	10	U	10	U	10	U
Benzo(b)fluoranthene		NA		NA	10	U	10	U	10	U
Benzo(g,h,i)perylene		NA		NA	10	U	10	UJ	10	UJ
Benzo(k)fluoranthene		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethoxy)methane		NA		NA	10	U	10	U	10	U
Bis(2-Chloroethyl)ether		NA		NA	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate		NA		NA	10	U	10	U	10	U
Butylbenzylphthalate		NA		NA	10	U	10	U	10	U
Caprolactam		NA		NA	10	U	10	U	10	U
Carbazole		NA		NA	10	U	10	U	10	U
Chrysene		NA		NA	10	U	10	U	10	U
Dibenzo(a,h)anthracene		NA		NA	10	U	10	UJ	10	UJ
Dibenzofuran		NA		NA	10	U	10	U	10	U
Diethylphthalate		NA		NA	10	U	10	U	10	U
Dimethylphthalate		NA		NA	10	U	10	U	10	U
Di-n-Butylphthalate		NA		NA	10	U	10	U	1	J
Di-n-octylphthalate		NA		NA	10	U	10	U	10	U
Fluoranthene		NA		NA	10	U	10	U	10	U
Fluorene		NA		NA	10	U	10	U	10	U
Hexachlorobenzene		NA		NA	10	U	10	U	10	U
Hexachlorobutadiene		NA		NA	10	U	10	U	10	U
Hexachlorocyclopentadiene		NA		NA	10	U	10	U	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
Hexachloroethane		NA		NA	10	U	10	U	10	U
Indeno(1,2,3-cd)pyrene		NA		NA	10	U	10	U	10	U
Isophorone		NA		NA	10	U	10	U	10	U
Naphthalene		NA		NA	10	U	10	U	10	U
Nitrobenzene		NA		NA	10	U	10	U	10	U
N-Nitroso-di-n-propylamine		NA		NA	10	U	10	U	10	U
N-Nitroso-diphenylamine		NA		NA	10	U	10	U	10	U
Pentachlorophenol		NA		NA	25	U	25	U	25	U
Phenanthrene		NA		NA	10	U	10	U	10	U
Phenol		NA		NA	10	U	10	U	2	J
Pyrene		NA		NA	10	U	10	U	10	U
Low Concentration PAH (SIM) Analysis (UG/L)										
Acenaphthylene		NA		NA	0.20	U	0.20	U	0.20	U
Benzo(a)anthracene		NA		NA	0.20	U	0.20	U	0.20	U
Benzo(a)pyrene		NA		NA	0.20	U	0.20	U	0.20	U
Benzo(b)fluoranthene		NA		NA	0.20	U	0.20	U	0.20	U
Benzo(k)fluoranthene		NA		NA	0.20	U	0.20	U	0.20	U
Chrysene		NA		NA	0.20	U	0.20	U	0.20	U
Dibenzo(a,h)anthracene		NA		NA	0.20	U	0.20	U	0.20	U
Indeno(1,2,3-cd)pyrene		NA		NA	0.20	U	0.20	U	0.20	U
Phenanthrene		NA		NA	0.20	U	0.20	U	0.20	U
Pesticide/PCB Analysis (UG/L)										
4,4'-DDD		NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDE		NA		NA	0.10	U	0.10	U	0.10	U
4,4'-DDT		NA		NA	0.10	U	0.10	U	0.10	U
Aldrin		NA		NA	0.050	U	0.050	U	0.050	U
alpha-BHC		NA		NA	0.050	U	0.050	U	0.074	J
alpha-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA
Aroclor-1016		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1221		NA		NA	0.25	U	0.25	U	0.25	U
Aroclor-1232		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1242		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1248		NA		NA	1.0	U	1.0	U	1.0	U
Aroclor-1254		NA		NA	0.25	U	0.25	U	0.25	U
Aroclor-1260		NA		NA	0.25	U	0.25	U	0.25	U
Aroclor-1262		NA		NA	0.28	U	0.28	U	0.28	U
Aroclor-1268		NA		NA	1.0	U	1.0	U	1.0	U
beta-BHC		NA		NA	0.050	U	0.050	U	0.050	U
delta-BHC		NA		NA	0.050	U	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
Dieldrin		NA		NA	0.050	U	0.050	U	0.050	U
Endosulfan I		NA		NA	0.050	U	0.050	U	0.050	U
Endosulfan II		NA		NA	0.10	U	0.10	U	0.10	U
Endosulfan Sulfate		NA		NA	0.10	U	0.10	U	0.10	U
Endrin		NA		NA	0.050	U	0.050	U	0.050	U
Endrin Aldehyde		NA		NA	0.10	U	0.10	U	0.10	U
Endrin Ketone		NA		NA	0.10	U	0.10	U	0.10	U
gamma-BHC		NA		NA	0.050	U	0.050	U	0.050	U
gamma-Chlordane		NA		NA	0.050	U	0.050	U	0.050	U
Heptachlor		NA		NA	0.020	U	0.020	U	0.087	J
Heptachlor Epoxide		NA		NA	0.020	U	0.020	U	0.030	J
Methoxychlor		NA		NA	0.50	U	0.50	U	0.50	U
Toxaphene		NA		NA	5.0	U	5.0	U	5.0	U
Dioxin Analysis (PG/L)										
1,2,3,4,6,7,8-HpCDD		NA		NA	1.7	U	1.5	U	1.7	U
1,2,3,4,6,7,8-HpCDF		NA		NA	1.6	U	0.90	U	1.0	U
1,2,3,4,7,8,9-HpCDF		NA		NA	1.3	U	1.2	U	1.3	U
1,2,3,4,7,8-HxCDD		NA		NA	1.1	U	1.0	U	1.2	U
1,2,3,4,7,8-HxCDF		NA		NA	2.3	U	1.6	U	1.3	U
1,2,3,6,7,8-HxCDD		NA		NA	1.1	U	1.0	U	1.2	U
1,2,3,6,7,8-HxCDF		NA		NA	1.9	UEMPC	0.96	UEMPC	0.70	U
1,2,3,7,8,9-HxCDD		NA		NA	1.1	U	1.0	U	1.1	U
1,2,3,7,8,9-HxCDF		NA		NA	2.0	U	1.1	UEMPC	0.90	U
1,2,3,7,8-PeCDD		NA		NA	1.6	J	0.90	U	1.0	U
1,2,3,7,8-PeCDF		NA		NA	2.0	U	1.6	UEMPC	0.70	U
2,3,4,6,7,8-HxCDF		NA		NA	1.3	U	0.70	U	0.80	U
2,3,4,7,8-PeCDF		NA		NA	1.8	U	0.70	U	0.70	U
2,3,7,8-TCDD		NA		NA	1.0	U	1.0	U	1.0	U
2,3,7,8-TCDF		NA		NA	0.70	U	0.70	U	0.70	U
OCDD		NA		NA	8.7	UEMPC	4.2	U	5.0	UEMPC
OCDF		NA		NA	1.8	U	1.6	U	1.9	U
Total HpCDD		NA		NA	1.7	UJ	1.5	UJ	1.7	UJ
Total HpCDF		NA		NA	1.6	UJ	1.0	UJ	1.1	UJ
Total HxCDD		NA		NA	1.1	UJ	1.0	UJ	1.2	UJ
Total HxCDF		NA		NA	7.4	UJEMP	3.6	UJEMP	1.3	UJ
Total PeCDD		NA		NA	1.6	J	0.90	UJ	1.0	UJ
Total PeCDF		NA		NA	3.8	UJ	1.6	UJEMP	0.70	UJ
Total TCDD		NA		NA	1.0	UJ	1.0	UJ	1.0	UJ
Total TCDF		NA		NA	0.70	UJ	0.70	UJ	0.70	UJ
Toxicity Equivalency		NA		NA	1.6	J	0.00	UJ	0.00	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-506B-100302		OU2-GW-506D-100702		OU2-MW-506B-07		OU2-MW-506D-07		OU2-MW-506M-07	
Sample Location	GW-506B		GW-506D		MW-506B		MW-506D		MW-506M	
Date Sampled	10/3/2002		10/7/2002		12/20/2002		12/19/2002		12/19/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None	
Zone	Bedrock		Overburden		Bedrock		Overburden		Overburden	
TAL Metal Analysis (UG/L)										
Aluminum		NA		NA	180	U	110	UJ	976	
Antimony		NA		NA	1.2	U	1.2	U	3.7	U
Arsenic		NA		NA	3.0	U	3.0	U	2.5	U
Barium		NA		NA	8.3		39.0		72.5	
Beryllium		NA		NA	0.20	U	0.21	UJ	0.41	U
Cadmium		NA		NA	0.30	U	0.30	U	2.8	
Calcium		NA		NA	15100		59000		29700	
Chromium		NA		NA	0.80	U	0.80	U	3.1	
Cobalt		NA		NA	0.70	U	14.0		60.4	
Copper		NA		NA	4.1		1.5	U	4.4	
Cyanide		NA		NA		NA		NA		NA
Iron		NA		NA	324		124		1170	
Lead		NA		NA	1.2	U	1.2	U	2.5	J
Magnesium		NA		NA	2900		26700		23600	
Manganese		NA		NA	22.7		861		9700	J
Mercury		NA		NA	0.10	U	0.10	U	0.10	U
Nickel		NA		NA	1.0	U	6.1		38.2	
Potassium		NA		NA	1640	J	7090	J	9020	
Selenium		NA		NA	3.0	UJ	3.0	UJ	4.4	J
Silver		NA		NA	0.80	U	0.80	U	0.70	U
Sodium		NA		NA	15400		123000		30200	
Thallium		NA		NA	2.4	UJ	2.4	UJ	5.1	U
Vanadium		NA		NA	0.84	J	0.70	U	0.70	U
Zinc		NA		NA	222		1.1	UJ	127	
Wet Chemistry Analysis										
Alkalinity		NA		NA	30.0		94.0		38.0	
Carbon Dioxide		NA		NA	30.4		127		200	
Chloride		NA		NA	21.1		120		32.9	
Ferrous Iron		NA		NA	0.20		0.030	U	1.25	
Nitrate		NA		NA	0.12		29.8	J	29.4	J
Nitrite-N		NA		NA	0.050	U	0.28	J	0.38	J
Sulfate		NA		NA	24.0		229		99.6	
Sulfide		NA		NA	0.50	U	0.50	U	0.50	U
Total Organic Carbon		NA		NA	2.0	U	2.0	U	2.72	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	10	U	1300	*	1100	*	1	J		NA	990
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U		NA	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJ	10	U	10	U	10	U		NA	10
1,1,2-Trichloroethane	10	U	2	J	2	J	10	U		NA	2
1,1-Dichloroethane	10	U	440	*	330		1	J		NA	200
1,1-Dichloroethene	0.9	U	1100	*	900	*	0.9	U		NA	610
1,2,4-Trichlorobenzene	10	UJ	10	U	10	U	10	UJ		NA	10
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U	10	U		NA	10
1,2-Dibromoethane	10	U	10	U	10	U	10	U		NA	10
1,2-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,2-Dichloroethane	10	U	2	J	2	J	10	U		NA	2
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
1,2-Dichloropropane	10	U	10	U	10	U	10	U		NA	10
1,3-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,4-Dichlorobenzene	10	U	10	U	10	U	10	U		NA	10
1,4-Dioxane	100	UJ	160	J	190	J	100	UJ		NA	170
2-Butanone	10	U	10	U	10	U	10	U		NA	10
2-Hexanone	10	U	10	U	10	U	10	U		NA	10
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U		NA	10
Acetone	10	U	10	UJ	10	UJ	10	UJ		NA	10
Benzene	10	U	10	U	10	U	10	U		NA	10
Bromodichloromethane	10	U	10	U	10	U	10	U		NA	10
Bromoform	10	U	10	U	10	U	10	U		NA	10
Bromomethane	10	U	10	U	10	U	10	U		NA	10
Carbon Disulfide	10	U	10	U	10	U	10	U		NA	10
Carbon Tetrachloride	10	U	10	U	10	U	10	U		NA	10
Chlorobenzene	1	J	5	J	4	J	10	U		NA	10
Chloroethane	10	U	20		12		10	U		NA	2
Chloroform	10	U	3	J	2	J	10	U		NA	2
Chloromethane	10	U	10	U	10	U	10	U		NA	10
cis-1,2-Dichloroethene	10	U	310		250		10	U		NA	330
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10
Cyclohexane	10	U	10	U	10	U	10	U		NA	10
Dibromochloromethane	10	U	10	U	10	U	10	U		NA	10
Dichlorodifluoromethane	10	UJ	10	U	10	U	10	U		NA	10
Ethylbenzene	10	U	10	U	10	U	10	U		NA	10
Isopropylbenzene	10	U	10	U	10	U	10	U		NA	10
Methyl Acetate	10	U	10	U	10	U	10	U		NA	10
Methyl tert-Butyl Ether	10	U	9	J	45		10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
Methylcyclohexane	10	U	10	U	10	U	10	U		NA	10
Methylene Chloride	10	U	10	U	10	U	10	UJ		NA	10
Styrene	10	U	10	U	10	U	10	U		NA	10
Tetrachloroethene	10	U	5	J	4	J	10	U		NA	5
Toluene	10	U	10	U	10	U	10	U		NA	10
Total Xylenes	10	U	10	U	10	U	10	U		NA	10
trans-1,2-Dichloroethene	10	U	10	U	10	U	10	U		NA	1
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U		NA	10
Trichloroethene	10	U	620	*	480	*	10	U		NA	950
Trichlorofluoromethane	10	U	10	U	10	U	10	U		NA	10
Vinyl Chloride	1	U	16		11		1	U		NA	2
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	10.0	U		NA		NA		NA		NA	10.0
Ethene	10.0	U		NA		NA		NA		NA	10.0
Methane	76.0			NA		NA		NA		NA	5.0
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA		NA	1.7		
1,1-Dichloroethene		NA		NA		NA		NA	0.9		
Benzene		NA		NA		NA		NA	0.5	U	
Chlorobenzene		NA		NA		NA		NA	5	U	
cis-1,2-Dichloroethene		NA		NA		NA		NA	0.9		
Tetrachloroethene		NA		NA		NA		NA	0.5	U	
Toluene		NA		NA		NA		NA	1	U	
Trichloroethene		NA		NA		NA		NA	0.5		
Vinyl Chloride		NA		NA		NA		NA	0.1	U	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U	10	U	10	U	10	U		NA	10
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U	10	U		NA	10
2,4,5-Trichlorophenol	25	U	25	U	25	U	25	U		NA	25
2,4,6-Trichlorophenol	10	U	10	U	10	U	10	U		NA	10
2,4-Dichlorophenol	10	U	10	U	10	U	10	U		NA	10
2,4-Dimethylphenol	10	U	10	U	10	U	10	U		NA	10
2,4-Dinitrophenol	25	U	25	U	25	U	25	U		NA	25
2,4-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10
2,6-Dinitrotoluene	10	U	10	U	10	U	10	U		NA	10
2-Chloronaphthalene	10	U	10	U	10	U	10	U		NA	10
2-Chlorophenol	10	U	10	U	10	U	10	U		NA	10
2-Methylnaphthalene	10	U	10	U	10	U	10	U		NA	10
2-Methylphenol	10	U	10	U	10	U	10	U		NA	10
2-Nitroaniline	25	U	25	U	25	U	25	U		NA	25

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
2-Nitrophenol	10	U	10	U	10	U	10	U		NA	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U	10	U		NA	10
3-Nitroaniline	25	U	25	U	25	U	25	U		NA	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U	25	U		NA	25
4-Bromophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10
4-Chloro-3-methylphenol	10	U	10	U	10	U	10	U		NA	10
4-Chloroaniline	10	UJ	10	UJ	10	UJ	10	UJ		NA	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U	10	U		NA	10
4-Methylphenol	10	U	10	U	10	U	10	U		NA	10
4-Nitroaniline	25	U	25	U	25	U	25	U		NA	25
4-Nitrophenol	25	U	25	U	4	J	25	U		NA	25
Acenaphthene	10	U	10	U	10	U	10	U		NA	10
Acenaphthylene	10	U	10	U	10	U	10	U		NA	10
Acetophenone	10	U	10	U	10	U	10	U		NA	10
Anthracene	10	U	10	U	10	U	10	U		NA	10
Atrazine	10	U	10	U	10	U	10	U		NA	10
Benzaldehyde	10	UJ	10	UJ	10	UJ	10	UJ		NA	10
Benzo(a)anthracene	10	U	10	U	10	U	10	U		NA	10
Benzo(a)pyrene	10	U	10	U	10	U	10	U		NA	10
Benzo(b)fluoranthene	10	U	10	U	10	U	10	U		NA	10
Benzo(g,h,i)perylene	10	UJ	10	U	10	U	10	U		NA	10
Benzo(k)fluoranthene	10	U	10	U	10	U	10	U		NA	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U	10	U		NA	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U	10	U		NA	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U	10	U		NA	10
Butylbenzylphthalate	10	U	10	U	10	U	10	U		NA	10
Caprolactam	10	U	10	U	10	U	10	U		NA	10
Carbazole	10	U	10	U	10	U	10	U		NA	10
Chrysene	10	U	10	U	10	U	10	U		NA	10
Dibenzo(a,h)anthracene	10	UJ	10	U	10	U	10	U		NA	10
Dibenzofuran	10	U	10	U	10	U	10	U		NA	10
Diethylphthalate	10	U	10	U	10	U	10	U		NA	10
Dimethylphthalate	10	U	10	U	10	U	10	U		NA	10
Di-n-Butylphthalate	10	U	10	U	10	U	10	U		NA	10
Di-n-octylphthalate	10	U	10	U	10	U	10	U		NA	10
Fluoranthene	10	U	10	U	10	U	10	U		NA	10
Fluorene	10	U	10	U	10	U	10	U		NA	10
Hexachlorobenzene	10	U	10	U	10	U	10	U		NA	10
Hexachlorobutadiene	10	U	10	U	10	U	10	U		NA	10
Hexachlorocyclopentadiene	10	U	10	U	10	U	10	U		NA	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
Hexachloroethane	10	U	10	U	10	U	10	U		NA	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U	10	U		NA	10
Isophorone	10	U	10	U	10	U	10	U		NA	10
Naphthalene	10	U	10	U	10	U	10	U		NA	10
Nitrobenzene	10	U	10	U	10	U	10	U		NA	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U	10	U		NA	10
N-Nitroso-diphenylamine	10	U	10	U	10	U	10	U		NA	10
Pentachlorophenol	25	U	25	U	25	U	25	U		NA	25
Phenanthrene	10	U	10	U	10	U	10	U		NA	10
Phenol	10	U	10	U	10	U	10	U		NA	10
Pyrene	10	U	10	U	10	U	10	U		NA	10
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Chrysene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Phenanthrene	0.20	U	0.20	U	0.20	U	0.20	U		NA	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
4,4'-DDE	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Aldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
alpha-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
alpha-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0
Aroclor-1221	0.25	U	0.25	U	0.25	U	0.25	U		NA	0.25
Aroclor-1232	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0
Aroclor-1242	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0
Aroclor-1248	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0
Aroclor-1254	0.25	U	0.25	U	0.25	U	0.25	U		NA	0.25
Aroclor-1260	0.25	U	0.25	U	0.25	U	0.25	U		NA	0.25
Aroclor-1262	0.28	U	0.28	U	0.28	U	0.28	U		NA	0.28
Aroclor-1268	1.0	U	1.0	U	1.0	U	1.0	U		NA	1.0
beta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
delta-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
Dieldrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Endosulfan I	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Endrin	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Endrin Aldehyde	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
gamma-BHC	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
gamma-Chlordane	0.050	U	0.050	U	0.050	U	0.050	U		NA	0.050
Heptachlor	0.020	U	0.020	U	0.020	U	0.020	U		NA	0.020
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U	0.020	U		NA	0.020
Methoxychlor	0.50	U	0.50	U	0.50	U	0.50	U		NA	0.50
Toxaphene	5.0	U	5.0	U	5.0	U	5.0	U		NA	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	1.8	U	4.0	EMPC	1.5	U	2.0	J		NA	3.5
1,2,3,4,6,7,8-HpCDF	1.0	U	2.2	U	0.90	U	0.90	U		NA	2.0
1,2,3,4,7,8,9-HpCDF	1.3	U	1.9	U	1.2	U	1.3	U		NA	2.4
1,2,3,4,7,8-HxCDD	1.2	U	1.4	U	1.0	U	1.1	U		NA	2.0
1,2,3,4,7,8-HxCDF	0.80	U	2.7	U	2.0	U	1.5	U		NA	1.2
1,2,3,6,7,8-HxCDD	1.2	U	2.8	U	1.3	U	1.1	U		NA	2.0
1,2,3,6,7,8-HxCDF	0.80	U	2.3	U	1.7	U	1.1	U		NA	1.2
1,2,3,7,8,9-HxCDD	1.2	U	2.7	EMPC	1.2	EMPC	1.1	U		NA	2.0
1,2,3,7,8,9-HxCDF	1.0	U	2.8	U	1.7	U	1.0	U		NA	1.5
1,2,3,7,8-PeCDD	1.0	U	2.0	U	1.6	U	1.8	U		NA	1.6
1,2,3,7,8-PeCDF	0.80	U	2.7	UEMPC	1.0	U	1.0	U		NA	1.0
2,3,4,6,7,8-HxCDF	0.90	U	2.4	U	1.2	U	0.80	U		NA	1.4
2,3,4,7,8-PeCDF	0.80	U	1.2	U	1.0	U	1.0	U		NA	1.1
2,3,7,8-TCDD	1.2	U	2.4	UEMPC	1.5	U	1.5	U		NA	1.5
2,3,7,8-TCDF	0.80	U	2.1	U	0.90	U	0.90	U		NA	1.2
OCDD	29.1	U	18.3	U	8.9	U	7.0	UEMPC		NA	4.8
OCDF	1.9	U	5.3	UEMPC	4.3	UEMPC	3.3	U		NA	3.5
Total HpCDD	1.8	UJ	4.0	EMPC	1.8	EMPC	2.0	J		NA	3.5
Total HpCDF	1.2	UJ	2.2	UJ	1.0	UJ	1.1	UJ		NA	2.2
Total HxCDD	1.2	UJ	13.5	UEMPC	10.0	UEMPC	6.8	UEMPC		NA	2.0
Total HxCDF	0.90	UJ	10.2	UJ	6.6	UJ	2.6	UJ		NA	1.3
Total PeCDD	1.0	UJ	2.0	UJ	3.2	UEMPC	2.9	UEMPC		NA	1.6
Total PeCDF	0.80	UJ	2.7	UEMPC	1.0	UJ	1.0	UJ		NA	1.1
Total TCDD	1.2	UJ	4.7	UEMPC	1.5	UJ	1.5	UJ		NA	1.5
Total TCDF	0.80	UJ	2.1	UJ	0.90	UJ	0.90	UJ		NA	1.2
Toxicity Equivalency	0.00	U	0.31	J	0.12	J	0.020	J		NA	0.00

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-506S-07		OU2-MW-507B-07		OU2-MW-507D-07		OU2-MW-507S-07		OU2-GW-507S-07		OU2-MW-508B-07
Sample Location	MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508B
Date Sampled	12/19/2002		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	None		None		None		None		None		None
Zone	Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock
TAL Metal Analysis (UG/L)											
Aluminum	43.2	UJ	45.3	U	68.0	U	211	U		NA	119
Antimony	3.7	U	2.3	U	2.3	U	2.3	U		NA	2.3
Arsenic	9.1	U	4.8	U	4.8	U	4.8	U		NA	4.8
Barium	50.3		26.9		30.6		103			NA	38.3
Beryllium	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Cadmium	0.40	U	0.30	U	0.30	U	0.33	J		NA	0.30
Calcium	26500		121000		95500		19200			NA	58900
Chromium	0.60	U	0.60	U	0.60	U	0.60	U		NA	0.60
Cobalt	11.8		3.6		5.0		1.2	J		NA	1.9
Copper	1.5	J	2.3		2.8		0.62	J		NA	0.83
Cyanide		NA		NA		NA		NA		NA	1.6
Iron	6330		19.7	UJ	20.3	UJ	43.2	U		NA	83.9
Lead	2.3	U	2.2	UJ	2.2	UJ	2.2	UJ		NA	2.2
Magnesium	13900		61500		45100		3770			NA	24500
Manganese	234	J	510		1480		117			NA	133
Mercury	0.10	U	0.10	U	0.10	U	0.10	U		NA	0.10
Nickel	19.8		19.5		11.9		10.0			NA	8.2
Potassium	6320		7970		8360		4800			NA	5700
Selenium	3.3	U	4.8	U	4.8	U	4.8	U		NA	4.8
Silver	0.70	U	0.60	U	0.60	U	0.60	U		NA	0.60
Sodium	39600		144000		152000		46900			NA	112000
Thallium	5.1	U	4.7	U	4.7	U	4.7	U		NA	4.7
Vanadium	0.70	U	0.50	U	0.50	U	0.50	U		NA	0.50
Zinc	424		8.5		2.1	J	1.4	U		NA	5.1
Wet Chemistry Analysis											
Alkalinity	64.0			NA		NA		NA		NA	134
Carbon Dioxide	101			NA		NA		NA		NA	145
Chloride	13.3			NA		NA		NA		NA	158
Ferrous Iron	7.2			NA		NA		NA		NA	0.030
Nitrate	5.58	J		NA		NA		NA		NA	2.5
Nitrite-N	0.085	J		NA		NA		NA		NA	0.050
Sulfate	110			NA		NA		NA		NA	136
Sulfide	0.50	U		NA		NA		NA		NA	0.50
Total Organic Carbon	2.0	U		NA		NA		NA		NA	5.64

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	*	1100	*		NA		NA		NA	150		74
1,1,2,2-Tetrachloroethane	U	10	U		NA		NA		NA	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	U	10	U		NA		NA		NA	10	U	10
1,1,2-Trichloroethane	J	3	J		NA		NA		NA	10	U	10
1,1-Dichloroethane		190			NA		NA		NA	28		36
1,1-Dichloroethene	*	620	*		NA		NA		NA	91		91
1,2,4-Trichlorobenzene	U	10	U		NA		NA		NA	10	U	10
1,2-Dibromo-3-chloropropane	U	10	U		NA		NA		NA	10	U	10
1,2-Dibromoethane	U	10	U		NA		NA		NA	10	U	10
1,2-Dichlorobenzene	U	10	U		NA		NA		NA	10	U	10
1,2-Dichloroethane	J	2	J		NA		NA		NA	10	U	10
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA	
1,2-Dichloropropane	U	10	U		NA		NA		NA	10	U	10
1,3-Dichlorobenzene	U	10	U		NA		NA		NA	10	U	10
1,4-Dichlorobenzene	U	10	U		NA		NA		NA	10	U	10
1,4-Dioxane	J	170	J		NA		NA		NA	100	UJ	150
2-Butanone	UJ	10	UJ		NA		NA		NA	10	UJ	10
2-Hexanone	UJ	10	U		NA		NA		NA	10	UJ	10
4-Methyl-2-Pentanone	U	10	U		NA		NA		NA	10	U	10
Acetone	UJ	10	UJ		NA		NA		NA	10	UJ	10
Benzene	U	10	U		NA		NA		NA	10	U	1
Bromodichloromethane	U	10	U		NA		NA		NA	10	U	10
Bromoform	U	10	U		NA		NA		NA	10	U	10
Bromomethane	U	10	U		NA		NA		NA	10	U	10
Carbon Disulfide	U	10	U		NA		NA		NA	10	U	10
Carbon Tetrachloride	U	10	U		NA		NA		NA	10	U	10
Chlorobenzene	U	10	U		NA		NA		NA	10	U	35
Chloroethane	J	2	J		NA		NA		NA	10	U	10
Chloroform	J	3	J		NA		NA		NA	10	U	1
Chloromethane	U	10	U		NA		NA		NA	10	U	10
cis-1,2-Dichloroethene		310			NA		NA		NA	53		290
cis-1,3-Dichloropropene	U	10	U		NA		NA		NA	10	U	10
Cyclohexane	U	10	U		NA		NA		NA	10	U	10
Dibromochloromethane	U	10	U		NA		NA		NA	10	U	10
Dichlorodifluoromethane	U	10	U		NA		NA		NA	10	U	10
Ethylbenzene	U	10	U		NA		NA		NA	10	U	10
Isopropylbenzene	U	10	U		NA		NA		NA	10	U	10
Methyl Acetate	U	10	U		NA		NA		NA	10	U	10
Methyl tert-Butyl Ether	U	10	U		NA		NA		NA	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane	U	10	U		NA		NA		NA	10	U	10
Methylene Chloride	U	10	UJ		NA		NA		NA	10	U	10
Styrene	U	10	U		NA		NA		NA	10	U	10
Tetrachloroethene	J	3	J		NA		NA		NA	10	U	2
Toluene	U	10	U		NA		NA		NA	10	U	10
Total Xylenes	U	10	U		NA		NA		NA	10	U	10
trans-1,2-Dichloroethene	J	10	U		NA		NA		NA	10	U	10
trans-1,3-Dichloropropene	U	10	U		NA		NA		NA	10	U	10
Trichloroethene	*	720	*		NA		NA		NA	100		26
Trichlorofluoromethane	U	10	U		NA		NA		NA	10	U	10
Vinyl Chloride		1	U		NA		NA		NA	1	U	8
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	U	10.0	U		NA		NA		NA	10.0	U	
Ethene	U	10.0	U		NA		NA		NA	10.0	U	
Methane	U	5.0	U		NA		NA		NA	5.0	U	
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	NA		NA	200		189		210			NA	
1,1-Dichloroethene	NA		NA	110		100		112			NA	
Benzene	NA		NA	0.5	U	0.5	U	15	U		NA	
Chlorobenzene	NA		NA	5	U	5	U	150	U		NA	
cis-1,2-Dichloroethene	NA		NA	66		66		66			NA	
Tetrachloroethene	NA		NA	4		0.4		16	U		NA	
Toluene	NA		NA	1	U	1	U	30	U		NA	
Trichloroethene	NA		NA	120		111		124			NA	
Vinyl Chloride	NA		NA	0.1	U	0.1	U	0.1	U		NA	
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	U	10	U		NA		NA		NA	10	U	10
2,2'-oxybis(1-Chloropropane)	U	10	U		NA		NA		NA	10	U	10
2,4,5-Trichlorophenol	U	25	U		NA		NA		NA	25	U	25
2,4,6-Trichlorophenol	U	10	U		NA		NA		NA	10	U	10
2,4-Dichlorophenol	U	10	U		NA		NA		NA	10	U	10
2,4-Dimethylphenol	U	10	U		NA		NA		NA	10	U	10
2,4-Dinitrophenol	UJ	25	UJ		NA		NA		NA	25	U	25
2,4-Dinitrotoluene	U	10	U		NA		NA		NA	10	U	10
2,6-Dinitrotoluene	U	10	U		NA		NA		NA	10	U	10
2-Chloronaphthalene	U	10	U		NA		NA		NA	10	U	10
2-Chlorophenol	U	10	U		NA		NA		NA	10	U	10
2-Methylnaphthalene	U	10	U		NA		NA		NA	10	U	10
2-Methylphenol	U	10	U		NA		NA		NA	10	U	10
2-Nitroaniline	U	25	U		NA		NA		NA	25	U	25

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Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2-Nitrophenol	U	10	U		NA		NA		NA	10	U	10
3,3'-Dichlorobenzidine	U	10	U		NA		NA		NA	10	U	10
3-Nitroaniline	U	25	U		NA		NA		NA	25	U	25
4,6-Dinitro-2-methylphenol	U	25	U		NA		NA		NA	25	U	25
4-Bromophenyl-phenylether	U	10	U		NA		NA		NA	10	U	10
4-Chloro-3-methylphenol	U	10	U		NA		NA		NA	10	U	10
4-Chloroaniline	UJ	10	UJ		NA		NA		NA	10	UJ	10
4-Chlorophenyl-phenylether	U	10	U		NA		NA		NA	10	U	10
4-Methylphenol	U	10	U		NA		NA		NA	10	U	10
4-Nitroaniline	U	25	U		NA		NA		NA	25	U	25
4-Nitrophenol	U	25	U		NA		NA		NA	25	U	25
Acenaphthene	U	10	U		NA		NA		NA	10	U	10
Acenaphthylene	U	10	U		NA		NA		NA	10	U	10
Acetophenone	U	10	U		NA		NA		NA	10	U	10
Anthracene	U	10	U		NA		NA		NA	10	U	10
Atrazine	U	10	U		NA		NA		NA	10	U	10
Benzaldehyde	UJ	10	UJ		NA		NA		NA	10	UJ	10
Benzo(a)anthracene	U	10	U		NA		NA		NA	10	U	10
Benzo(a)pyrene	U	10	U		NA		NA		NA	10	U	10
Benzo(b)fluoranthene	U	10	U		NA		NA		NA	10	U	10
Benzo(g,h,i)perylene	UJ	10	UJ		NA		NA		NA	10	U	10
Benzo(k)fluoranthene	U	10	U		NA		NA		NA	10	U	10
Bis(2-Chloroethoxy)methane	U	10	U		NA		NA		NA	10	U	10
Bis(2-Chloroethyl)ether	U	10	U		NA		NA		NA	10	U	10
bis(2-Ethylhexyl)phthalate	U	10	U		NA		NA		NA	10	U	10
Butylbenzylphthalate	U	10	U		NA		NA		NA	10	U	10
Caprolactam	U	10	U		NA		NA		NA	10	U	10
Carbazole	U	10	U		NA		NA		NA	10	U	10
Chrysene	U	10	U		NA		NA		NA	10	U	10
Dibenzo(a,h)anthracene	U	10	U		NA		NA		NA	10	U	10
Dibenzofuran	U	10	U		NA		NA		NA	10	U	10
Diethylphthalate	U	10	U		NA		NA		NA	10	U	10
Dimethylphthalate	U	10	U		NA		NA		NA	10	U	10
Di-n-Butylphthalate	U	10	U		NA		NA		NA	10	U	10
Di-n-octylphthalate	UJ	10	UJ		NA		NA		NA	10	U	10
Fluoranthene	U	10	U		NA		NA		NA	10	U	10
Fluorene	U	10	U		NA		NA		NA	10	U	10
Hexachlorobenzene	U	10	U		NA		NA		NA	10	U	10
Hexachlorobutadiene	U	10	U		NA		NA		NA	10	U	10
Hexachlorocyclopentadiene	UJ	10	UJ		NA		NA		NA	10	UJ	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Hexachloroethane	U	10	U		NA		NA		NA	10	U	10
Indeno(1,2,3-cd)pyrene	UJ	10	UJ		NA		NA		NA	10	U	10
Isophorone	U	10	U		NA		NA		NA	10	U	10
Naphthalene	U	10	U		NA		NA		NA	10	U	10
Nitrobenzene	U	10	U		NA		NA		NA	10	U	10
N-Nitroso-di-n-propylamine	U	10	U		NA		NA		NA	10	U	10
N-Nitroso-diphenylamine	U	10	U		NA		NA		NA	10	U	10
Pentachlorophenol	U	25	U		NA		NA		NA	25	U	25
Phenanthrene	U	10	U		NA		NA		NA	10	U	10
Phenol	U	10	U		NA		NA		NA	10	U	10
Pyrene	U	10	U		NA		NA		NA	10	U	10
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Benzo(a)anthracene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Benzo(a)pyrene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Benzo(b)fluoranthene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Benzo(k)fluoranthene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Chrysene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Dibenzo(a,h)anthracene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Indeno(1,2,3-cd)pyrene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Phenanthrene	U	0.20	U		NA		NA		NA	0.20	U	0.20
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	U	0.10	U		NA		NA		NA	0.10	U	0.10
4,4'-DDE	U	0.10	U		NA		NA		NA	0.10	U	0.10
4,4'-DDT	U	0.10	U		NA		NA		NA	0.10	U	0.10
Aldrin	U	0.050	U		NA		NA		NA	0.050	U	0.050
alpha-BHC	U	0.050	U		NA		NA		NA	0.050	U	0.050
alpha-Chlordane	U	0.050	U		NA		NA		NA	0.050	U	0.050
Aroclor, Total	NA		NA		NA		NA		NA		NA	
Aroclor-1016	U	1.0	U		NA		NA		NA	1.0	U	1.0
Aroclor-1221	U	0.25	U		NA		NA		NA	0.25	U	0.25
Aroclor-1232	U	1.0	U		NA		NA		NA	1.0	U	1.0
Aroclor-1242	U	1.0	U		NA		NA		NA	1.0	U	1.0
Aroclor-1248	U	1.0	U		NA		NA		NA	1.0	U	1.0
Aroclor-1254	U	0.25	U		NA		NA		NA	0.25	U	0.25
Aroclor-1260	U	0.25	U		NA		NA		NA	0.25	U	0.25
Aroclor-1262	U	0.28	U		NA		NA		NA	0.28	U	0.28
Aroclor-1268	U	1.0	U		NA		NA		NA	1.0	U	1.0
beta-BHC	U	0.050	U		NA		NA		NA	0.050	U	0.050
delta-BHC	U	0.050	U		NA		NA		NA	0.050	U	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin	U	0.050	U		NA		NA		NA	0.050	U	0.050
Endosulfan I	U	0.050	U		NA		NA		NA	0.050	U	0.050
Endosulfan II	U	0.10	U		NA		NA		NA	0.10	U	0.10
Endosulfan Sulfate	U	0.10	U		NA		NA		NA	0.10	U	0.10
Endrin	U	0.050	U		NA		NA		NA	0.050	U	0.050
Endrin Aldehyde	U	0.10	U		NA		NA		NA	0.10	U	0.10
Endrin Ketone	U	0.10	U		NA		NA		NA	0.10	U	0.10
gamma-BHC	U	0.050	U		NA		NA		NA	0.050	U	0.050
gamma-Chlordane	U	0.050	U		NA		NA		NA	0.050	U	0.050
Heptachlor	U	0.020	U		NA		NA		NA	0.020	U	0.020
Heptachlor Epoxide	U	0.020	U		NA		NA		NA	0.020	U	0.020
Methoxychlor	U	0.50	U		NA		NA		NA	0.50	U	0.50
Toxaphene	U	5.0	U		NA		NA		NA	5.0	U	5.0
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	U	3.8	U		NA		NA		NA	1.8	U	1.9
1,2,3,4,6,7,8-HpCDF	U	2.2	U		NA		NA		NA	1.1	U	2.2
1,2,3,4,7,8,9-HpCDF	U	2.7	U		NA		NA		NA	1.6	U	1.9
1,2,3,4,7,8-HxCDD	U	2.2	U		NA		NA		NA	1.2	U	1.9
1,2,3,4,7,8-HxCDF	U	3.0	UEMPC		NA		NA		NA	1.9	U	2.3
1,2,3,6,7,8-HxCDD	U	2.2	U		NA		NA		NA	1.6	J	1.7
1,2,3,6,7,8-HxCDF	U	1.4	U		NA		NA		NA	1.3	EMPC	2.2
1,2,3,7,8,9-HxCDD	U	2.1	U		NA		NA		NA	1.7	J	2.0
1,2,3,7,8,9-HxCDF	U	1.9	U		NA		NA		NA	1.7	EMPC	2.1
1,2,3,7,8-PeCDD	U	2.1	U		NA		NA		NA	2.0	U	2.3
1,2,3,7,8-PeCDF	U	1.4	U		NA		NA		NA	1.0	U	2.7
2,3,4,6,7,8-HxCDF	U	1.5	U		NA		NA		NA	1.3	J	2.1
2,3,4,7,8-PeCDF	U	1.4	U		NA		NA		NA	1.7	EMPC	2.3
2,3,7,8-TCDD	U	2.1	U		NA		NA		NA	1.5	U	1.6
2,3,7,8-TCDF	U	1.6	U		NA		NA		NA	1.0	U	0.91
OCDD	U	5.6	U		NA		NA		NA	6.3	J	5.6
OCDF	U	4.1	U		NA		NA		NA	2.2	U	3.5
Total HpCDD	UJ	3.8	UJ		NA		NA		NA	1.8	UJ	1.9
Total HpCDF	UJ	2.4	UJ		NA		NA		NA	1.3	UJ	4.1
Total HxCDD	UJ	2.2	UJ		NA		NA		NA	7.4	UJ	5.6
Total HxCDF	UJ	3.0	UEMPC		NA		NA		NA	6.2	UJ	8.7
Total PeCDD	UJ	2.1	UJ		NA		NA		NA	2.0	UJ	2.3
Total PeCDF	UJ	1.4	UJ		NA		NA		NA	1.7	EMPC	5.0
Total TCDD	UJ	2.1	UJ		NA		NA		NA	1.8	EMPC	1.6
Total TCDF	UJ	1.6	UJ		NA		NA		NA	1.0	UJ	0.91
Toxicity Equivalency	U	0.00	U		NA		NA		NA	1.6	J	0.11

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-508D-07		OU2-GW-508S-07-AVG		OU2-GW-508S-07		OU2-GW-DUP02-07		OU2-MW-508S-07		OU2-MW-509M-07
Sample Location		MW-508D		MW-508S		MW-508S		MW-508S		MW-508S		MW-509M
Date Sampled		1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/8/2003		12/17/2002
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier		None		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		Field Dup. OU2-GW-508S-07		None		None
Zone		Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)												
Aluminum	U	265	U		NA		NA		NA	130	U	56.7
Antimony	U	2.3	U		NA		NA		NA	2.3	U	1.2
Arsenic	U	4.8	U		NA		NA		NA	4.8	U	3.0
Barium		53.5			NA		NA		NA	29.4		29.5
Beryllium	U	0.10	U		NA		NA		NA	0.10	U	0.20
Cadmium	U	0.30	U		NA		NA		NA	0.30	U	0.31
Calcium		44800			NA		NA		NA	31300		44200
Chromium	U	0.60	U		NA		NA		NA	0.60	U	1.2
Cobalt	J	3.2			NA		NA		NA	1.5	J	3.6
Copper	J	0.60	UJ		NA		NA		NA	0.60	UJ	2.7
Cyanide	J	10.0	U		NA		NA		NA	10.0	U	
Iron	U	170			NA		NA		NA	104	U	206
Lead	UJ	2.2	UJ		NA		NA		NA	2.2	UJ	1.2
Magnesium		26000			NA		NA		NA	10200		37800
Manganese		176			NA		NA		NA	136		1750
Mercury	U	0.10	U		NA		NA		NA	0.10	U	0.10
Nickel		6.3			NA		NA		NA	4.8		16.4
Potassium		6010			NA		NA		NA	6150		12000
Selenium	U	4.8	U		NA		NA		NA	4.8	U	3.0
Silver	U	0.60	U		NA		NA		NA	0.60	U	0.80
Sodium		127000			NA		NA		NA	51200		105000
Thallium	UJ	4.7	UJ		NA		NA		NA	4.7	UJ	2.4
Vanadium	U	0.50	U		NA		NA		NA	0.50	U	0.70
Zinc		3.1			NA		NA		NA	2.7	J	1.1
Wet Chemistry Analysis												
Alkalinity	J	120	J		NA		NA		NA	86.0	J	
Carbon Dioxide	J	132	J		NA		NA		NA	137	J	
Chloride		174			NA		NA		NA	51.3		
Ferrous Iron		0.070			NA		NA		NA	0.030	U	
Nitrate		2.42			NA		NA		NA	6.46		
Nitrite-N	UJ	0.050	UJ		NA		NA		NA	0.050	UJ	
Sulfate		106			NA		NA		NA	48.3		
Sulfide	UJ	0.50	UJ		NA		NA		NA	0.50	UJ	
Total Organic Carbon		5.79			NA		NA		NA	5.56		

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane		10	U	10	U	10	U		NA	3900	*
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	U	10	U	10	U	10	U		NA	10	U
1,1,2-Trichloroethane	U	10	U	10	U	10	U		NA	3	J
1,1-Dichloroethane		76		10	U	13			NA	260	
1,1-Dichloroethene		12		0.9	U	0.9	U		NA	1100	*
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,2-Dibromo-3-chloropropane	U	10	U	10	U	10	U		NA	10	U
1,2-Dibromoethane	U	10	U	10	U	10	U		NA	10	U
1,2-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,2-Dichloroethane	U	10	U	10	U	10	U		NA	10	U
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	U	10	U	10	U	10	U		NA	10	U
1,3-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,4-Dichlorobenzene	U	10	U	10	U	10	U		NA	10	U
1,4-Dioxane	J	390	J	100	UJ	59	J		NA	140	J
2-Butanone	U	10	UJ	10	U	10	U		NA	10	UJ
2-Hexanone	U	10	UJ	10	U	10	U		NA	10	U
4-Methyl-2-Pentanone	U	10	U	10	U	10	U		NA	10	U
Acetone	U	10	UJ	10	UJ	10	UJ		NA	10	UJ
Benzene	J	2	J	10	U	10	U		NA	1	J
Bromodichloromethane	U	10	U	10	U	10	U		NA	10	U
Bromoform	U	10	U	10	U	10	U		NA	10	U
Bromomethane	U	10	U	10	U	10	U		NA	10	U
Carbon Disulfide	U	10	U	10	U	10	U		NA	10	U
Carbon Tetrachloride	U	10	U	10	U	10	U		NA	10	U
Chlorobenzene		180		10	U	14			NA	12	
Chloroethane	U	10	U	10	U	10	U		NA	5	J
Chloroform	J	10	U	10	U	10	U		NA	4	J
Chloromethane	U	10	U	10	U	10	U		NA	10	U
cis-1,2-Dichloroethene		350		10	U	27			NA	540	*
cis-1,3-Dichloropropene	U	10	U	10	U	10	U		NA	10	U
Cyclohexane	U	10	U	10	U	10	U		NA	10	U
Dibromochloromethane	U	10	U	10	U	10	U		NA	10	U
Dichlorodifluoromethane	UJ	10	UJ	10	UJ	10	UJ		NA	10	U
Ethylbenzene	U	10	U	10	U	10	U		NA	10	U
Isopropylbenzene	U	10	U	10	U	10	U		NA	10	U
Methyl Acetate	U	10	U	10	U	10	U		NA	10	U
Methyl tert-Butyl Ether	U	10	U	2	J	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	U	10	UJ	10	U	10	U		NA	2	J
Methylene Chloride	U	10	UJ	10	U	10	U		NA	10	UJ
Styrene	U	10	U	10	U	10	U		NA	10	U
Tetrachloroethene	J	2	J	24		10	U		NA	5	J
Toluene	U	10	U	10	U	10	U		NA	10	U
Total Xylenes	U	10	U	10	U	10	U		NA	10	U
trans-1,2-Dichloroethene	U	1	J	10	U	10	U		NA	10	U
trans-1,3-Dichloropropene	U	10	U	10	U	10	U		NA	10	U
Trichloroethene		690	*	10	U	10	U		NA	1700	*
Trichlorofluoromethane	U	10	U	10	U	10	U		NA	10	U
Vinyl Chloride		8		1	U	7			NA	28	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA		NA		NA		NA		NA
Ethene	NA		NA		NA		NA		NA		NA
Methane	NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA	2800			NA
1,1-Dichloroethene	NA		NA		NA		NA	485			NA
Benzene	NA		NA		NA		NA	15	U		NA
Chlorobenzene	NA		NA		NA		NA	150	U		NA
cis-1,2-Dichloroethene	NA		NA		NA		NA	487			NA
Tetrachloroethene	NA		NA		NA		NA	16	U		NA
Toluene	NA		NA		NA		NA	30	U		NA
Trichloroethene	NA		NA		NA		NA	1310			NA
Vinyl Chloride	NA		NA		NA		NA	23			NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U	10	U	10	U	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U		NA	10	U
2,4,5-Trichlorophenol	U	25	U	25	U	25	U		NA	25	U
2,4,6-Trichlorophenol	U	10	U	10	U	10	U		NA	10	U
2,4-Dichlorophenol	U	10	U	10	U	10	U		NA	10	U
2,4-Dimethylphenol	U	10	U	10	U	10	U		NA	10	U
2,4-Dinitrophenol	UJ	25	U	25	U	25	U		NA	25	U
2,4-Dinitrotoluene	U	10	U	10	U	10	U		NA	10	U
2,6-Dinitrotoluene	U	10	U	10	U	10	U		NA	10	U
2-Chloronaphthalene	U	10	U	10	U	10	U		NA	10	U
2-Chlorophenol	U	10	U	10	U	10	U		NA	10	U
2-Methylnaphthalene	U	10	U	10	U	10	U		NA	10	U
2-Methylphenol	U	10	U	10	U	10	U		NA	10	U
2-Nitroaniline	U	25	U	25	U	25	U		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	U	10	U	10	U	10	U		NA	10	U
3,3'-Dichlorobenzidine	U	10	U	10	U	10	U		NA	10	U
3-Nitroaniline	U	25	U	25	U	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U		NA	25	U
4-Bromophenyl-phenylether	U	10	U	10	U	10	U		NA	10	U
4-Chloro-3-methylphenol	U	10	U	10	U	10	U		NA	10	U
4-Chloroaniline	UJ	10	UJ	10	UJ	10	UJ		NA	10	UJ
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U		NA	10	U
4-Methylphenol	U	10	U	10	U	10	U		NA	10	U
4-Nitroaniline	U	25	UJ	25	U	25	U		NA	25	U
4-Nitrophenol	U	25	U	25	U	25	U		NA	44	
Acenaphthene	U	10	U	10	U	10	U		NA	10	U
Acenaphthylene	U	10	U	10	U	10	U		NA	10	U
Acetophenone	U	10	U	10	U	10	U		NA	10	U
Anthracene	U	10	U	10	U	10	U		NA	10	U
Atrazine	U	10	U	10	U	10	U		NA	10	U
Benzaldehyde	UJ	10	UJ	10	UJ	10	UJ		NA	10	UJ
Benzo(a)anthracene	U	10	U	10	U	10	U		NA	10	U
Benzo(a)pyrene	U	10	U	10	U	10	U		NA	10	U
Benzo(b)fluoranthene	U	10	U	10	U	10	U		NA	10	U
Benzo(g,h,i)perylene	U	10	U	10	U	10	U		NA	10	U
Benzo(k)fluoranthene	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U		NA	10	U
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	U	1	J	10	U	10	U		NA	10	U
Butylbenzylphthalate	U	10	U	10	U	10	U		NA	10	U
Caprolactam	U	10	U	10	U	10	U		NA	10	U
Carbazole	U	10	U	10	U	10	U		NA	10	U
Chrysene	U	10	U	10	U	10	U		NA	10	U
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U		NA	10	U
Dibenzofuran	U	10	U	10	U	10	U		NA	10	U
Diethylphthalate	U	10	U	10	U	10	U		NA	10	U
Dimethylphthalate	U	10	U	10	U	10	U		NA	10	U
Di-n-Butylphthalate	U	10	U	10	U	10	U		NA	10	U
Di-n-octylphthalate	U	10	U	10	U	10	U		NA	10	U
Fluoranthene	U	10	U	10	U	10	U		NA	10	U
Fluorene	U	10	U	10	U	10	U		NA	10	U
Hexachlorobenzene	U	10	U	10	U	10	U		NA	10	U
Hexachlorobutadiene	U	10	U	10	U	10	U		NA	10	U
Hexachlorocyclopentadiene	U	10	UJ	10	U	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	U	10	U	10	U	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	U	10	U	10	U	10	U		NA	10	U
Isophorone	U	10	U	10	U	10	U		NA	10	U
Naphthalene	U	10	U	10	U	10	U		NA	10	U
Nitrobenzene	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U		NA	10	U
N-Nitroso-diphenylamine	U	10	U	10	U	10	U		NA	10	U
Pentachlorophenol	U	25	U	25	U	25	U		NA	25	U
Phenanthrene	U	10	U	10	U	10	U		NA	10	U
Phenol	U	10	U	10	U	10	U		NA	10	U
Pyrene	U	10	U	10	U	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Benzo(a)anthracene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Benzo(a)pyrene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Chrysene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Phenanthrene	U	0.20	U	0.20	U	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDE	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
4,4'-DDT	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Aldrin	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-BHC	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Aroclor, Total	NA		NA		NA		NA		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1221	U	0.25	U	0.25	U	0.25	U		NA	0.25	U
Aroclor-1232	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1242	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1248	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
Aroclor-1254	U	0.25	U	0.25	U	0.25	U		NA	0.25	U
Aroclor-1260	U	0.25	U	0.25	U	0.25	U		NA	0.25	U
Aroclor-1262	U	0.28	U	0.28	U	0.28	U		NA	0.28	U
Aroclor-1268	U	1.0	U	1.0	U	1.0	U		NA	1.0	U
beta-BHC	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
delta-BHC	U	0.050	U	0.050	U	0.050	U		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan I	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endosulfan II	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Endrin Ketone	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
gamma-BHC	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U		NA	0.050	U
Heptachlor	U	0.020	U	0.020	U	0.020	U		NA	0.020	U
Heptachlor Epoxide	U	0.020	U	0.020	U	0.020	U		NA	0.020	U
Methoxychlor	U	0.50	U	0.50	U	0.50	U		NA	0.50	U
Toxaphene	U	5.0	U	5.0	U	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	J	0.90	U	0.80	U	2.4	U		NA	4.4	U
1,2,3,4,6,7,8-HpCDF	U	0.50	U	0.50	U	1.3	U		NA	2.5	U
1,2,3,4,7,8,9-HpCDF	UEMPC	0.60	U	0.60	U	1.6	U		NA	3.1	U
1,2,3,4,7,8-HxCDD	U	0.50	U	0.50	U	1.6	U		NA	2.5	U
1,2,3,4,7,8-HxCDF	U	1.2	U	1.2	U	1.1	U		NA	1.7	U
1,2,3,6,7,8-HxCDD	UEMPC	0.50	U	0.50	U	1.6	U		NA	2.5	U
1,2,3,6,7,8-HxCDF	U	0.30	U	0.73	U	1.0	U		NA	1.7	U
1,2,3,7,8,9-HxCDD	U	0.50	U	0.50	U	1.5	U		NA	2.4	U
1,2,3,7,8,9-HxCDF	UEMPC	0.40	U	0.40	U	1.2	U		NA	2.2	U
1,2,3,7,8-PeCDD	U	0.50	U	0.50	U	1.4	U		NA	2.7	U
1,2,3,7,8-PeCDF	U	0.30	U	0.30	U	2.4	U		NA	1.7	U
2,3,4,6,7,8-HxCDF	U	0.40	U	0.62	UEMPC	1.1	U		NA	1.8	U
2,3,4,7,8-PeCDF	U	0.40	U	0.30	U	1.1	U		NA	1.7	U
2,3,7,8-TCDD	U	0.60	U	0.87	U	1.5	U		NA	2.4	U
2,3,7,8-TCDF	EMPC	0.50	U	0.30	U	1.1	U		NA	1.9	U
OCDD	UEMPC	9.7	UEMPC	5.7	UEMPC	5.3	U		NA	6.4	U
OCDF	U	2.9	J	2.6	U	2.7	U		NA	4.6	U
Total HpCDD	J	0.90	UJ	0.80	UJ	2.4	UJ		NA	4.4	UJ
Total HpCDF	UEMPC	0.50	UJ	0.50	UJ	1.4	UJ		NA	2.8	UJ
Total HxCDD	UEMPC	2.1	UEMPC	0.50	UJ	1.6	UJ		NA	2.5	UJ
Total HxCDF	UEMPC	1.2	UJ	2.5	UEMPC	1.1	UJ		NA	1.8	UJ
Total PeCDD	UJ	0.50	UJ	0.50	UJ	1.4	UJ		NA	2.7	UJ
Total PeCDF	UJ	0.30	UJ	0.30	UJ	2.4	UJ		NA	1.7	UJ
Total TCDD	UJ	0.60	UJ	0.87	UJ	1.5	UJ		NA	2.4	UJ
Total TCDF	EMPC	1.1	UEMPC	0.30	UJ	1.1	UJ		NA	1.9	UJ
Toxicity Equivalency	J	0.00029	J	0.00	UJ	0.00	U		NA	0.00	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-510M-07		OU2-MW-511M-07		OU2-MW-512M-07		OU2-GW-513S-07		OU2-MW-513S-07	
Sample Location		MW-510M		MW-511M		MW-512M		MW-513S		MW-513S	
Date Sampled		1/13/2003		12/18/2002		12/18/2002		1/9/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)											
Aluminum	U	97.0	UJ	73.4	U	75.8	U		NA	109	U
Antimony	U	3.5	U	3.7	U	3.7	U		NA	2.3	U
Arsenic	U	8.2	UJ	3.5	UJ	3.5	UJ		NA	4.8	U
Barium		24.1	J	16.1		76.2			NA	63.2	
Beryllium	U	1.1	U	0.10	U	0.10	U		NA	0.10	U
Cadmium	UJ	0.50	UJ	0.40	U	0.40	U		NA	0.44	J
Calcium		54000	J	65300		72200			NA	48500	
Chromium	J	0.50	U	1.6		1.7			NA	1.1	J
Cobalt		6.5	J	2.5	U	3.3	U		NA	4.9	U
Copper	J	0.80	U	1.4	U	1.4	U		NA	0.60	U
Cyanide	NA		NA		NA		NA		NA		NA
Iron		2840		2460		3980			NA	83.9	U
Lead	U	1.5	U	2.3	U	2.3	U		NA	2.2	UJ
Magnesium		14500		13200		30900			NA	46500	
Manganese		8780		8390	J	6700	J		NA	9820	
Mercury	U	0.10	U	0.10	U	0.10	U		NA	0.10	U
Nickel		8.5	J	2.7		6.7			NA	8.7	
Potassium	J	7700	J	12000		11800			NA	6130	J
Selenium	U	2.5	UJ	5.0	J	3.3	U		NA	4.8	U
Silver	U		R	0.70	U	0.70	U		NA	1.1	J
Sodium		55600		33800		87700			NA	126000	
Thallium	U	4.0	UJ	5.1	U	5.1	U		NA	6.5	UJ
Vanadium	U	0.80	U	0.70	U	0.74	J		NA	0.50	U
Zinc	UJ	8.4	UJ	2.7	U	4.6	U		NA	1.4	U
Wet Chemistry Analysis											
Alkalinity	NA		NA		NA		NA		NA		NA
Carbon Dioxide	NA		NA		NA		NA		NA		NA
Chloride	NA		NA		NA		NA		NA		NA
Ferrous Iron	NA		NA		NA		NA		NA		NA
Nitrate	NA		NA		NA		NA		NA		NA
Nitrite-N	NA		NA		NA		NA		NA		NA
Sulfate	NA		NA		NA		NA		NA		NA
Sulfide	NA		NA		NA		NA		NA		NA
Total Organic Carbon	NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	2000	*	3500	*		NA		NA		NA	25	
1,1,2,2-Tetrachloroethane	10	U	10	U		NA		NA		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA		NA	10	U
1,1,2-Trichloroethane	14		5	J		NA		NA		NA	10	U
1,1-Dichloroethane	510	*	390			NA		NA		NA	120	
1,1-Dichloroethene	3700	*	2400	*		NA		NA		NA	100	
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA		NA		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,2-Dichloroethane	9	J	5	J		NA		NA		NA	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U		NA		NA		NA	10	U
1,3-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,4-Dichlorobenzene	10	U	10	U		NA		NA		NA	10	U
1,4-Dioxane	240	J	400	J		NA		NA		NA	100	UJ
2-Butanone	10	U	10	UJ		NA		NA		NA	10	U
2-Hexanone	10	U	10	U		NA		NA		NA	10	U
4-Methyl-2-Pentanone	10	U	10	U		NA		NA		NA	10	U
Acetone	10	UJ	10	UJ		NA		NA		NA	10	UJ
Benzene	10	U	2	J		NA		NA		NA	2	J
Bromodichloromethane	10	U	10	U		NA		NA		NA	10	U
Bromoform	10	U	10	U		NA		NA		NA	10	U
Bromomethane	10	U	10	U		NA		NA		NA	10	U
Carbon Disulfide	10	U	10	U		NA		NA		NA	10	U
Carbon Tetrachloride	10	U	10	U		NA		NA		NA	10	U
Chlorobenzene	8	J	17			NA		NA		NA	10	U
Chloroethane	3	J	9	J		NA		NA		NA	4	J
Chloroform	6	J	7	J		NA		NA		NA	10	U
Chloromethane	10	U	10	U		NA		NA		NA	10	U
cis-1,2-Dichloroethene	270		580	*		NA		NA		NA	240	
cis-1,3-Dichloropropene	10	U	10	U		NA		NA		NA	10	U
Cyclohexane	10	U	10	U		NA		NA		NA	10	U
Dibromochloromethane	10	U	10	U		NA		NA		NA	10	U
Dichlorodifluoromethane	10	U	10	U		NA		NA		NA	10	U
Ethylbenzene	10	U	10	U		NA		NA		NA	10	U
Isopropylbenzene	10	U	10	U		NA		NA		NA	10	U
Methyl Acetate	10	U	10	U		NA		NA		NA	10	U
Methyl tert-Butyl Ether	10	U	2	J		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U	10	U		NA		NA		NA	10	U
Methylene Chloride	10	UJ	10	UJ		NA		NA		NA	10	UJ
Styrene	10	U	10	U		NA		NA		NA	10	U
Tetrachloroethene	4	J	11			NA		NA		NA	10	U
Toluene	10	U	10	U		NA		NA		NA	10	U
Total Xylenes	10	U	10	U		NA		NA		NA	10	U
trans-1,2-Dichloroethene	10	U	3	J		NA		NA		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U		NA		NA		NA	10	U
Trichloroethene	1100	*	21000	*		NA		NA		NA	10	U
Trichlorofluoromethane	10	U	10	U		NA		NA		NA	10	U
Vinyl Chloride	24		35			NA		NA		NA	62	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	28		27		28			NA
1,1-Dichloroethene		NA		NA	96		98		93			NA
Benzene		NA		NA	0.5	U	0.5	U	15	U		NA
Chlorobenzene		NA		NA	5	U	5	U	150	U		NA
cis-1,2-Dichloroethene		NA		NA	230		232		232			NA
Tetrachloroethene		NA		NA	4		0.4		16	U		NA
Toluene		NA		NA	1	U	1	U	1	U		NA
Trichloroethene		NA		NA	6		6.2		5.8			NA
Vinyl Chloride		NA		NA	70		74		67			NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA		NA		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U		NA		NA		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA		NA		NA	10	U
2,4-Dichlorophenol	10	U	10	U		NA		NA		NA	10	U
2,4-Dimethylphenol	1	J	10	U		NA		NA		NA	10	U
2,4-Dinitrophenol	25	U	25	UJ		NA		NA		NA	25	U
2,4-Dinitrotoluene	10	U	10	U		NA		NA		NA	10	U
2,6-Dinitrotoluene	10	U	10	U		NA		NA		NA	10	U
2-Chloronaphthalene	10	U	10	U		NA		NA		NA	10	U
2-Chlorophenol	10	U	10	U		NA		NA		NA	10	U
2-Methylnaphthalene	10	U	10	U		NA		NA		NA	10	U
2-Methylphenol	10	U	10	U		NA		NA		NA	10	U
2-Nitroaniline	25	U	25	U		NA		NA		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	10	U	10	U		NA		NA		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA		NA	10	U
3-Nitroaniline	25	U	25	U		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA		NA		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA		NA		NA	10	U
4-Chloroaniline	10	UJ	10	UJ		NA		NA		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA		NA	10	U
4-Methylphenol	10	U	10	U		NA		NA		NA	10	U
4-Nitroaniline	25	U	25	U		NA		NA		NA	25	U
4-Nitrophenol	8	J	54			NA		NA		NA	25	U
Acenaphthene	10	U	10	U		NA		NA		NA	10	U
Acenaphthylene	10	U	10	U		NA		NA		NA	10	U
Acetophenone	10	U	10	U		NA		NA		NA	10	U
Anthracene	10	U	10	U		NA		NA		NA	10	U
Atrazine	10	U	10	U		NA		NA		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA		NA		NA	10	UJ
Benzo(a)anthracene	10	U	10	U		NA		NA		NA	10	U
Benzo(a)pyrene	10	U	10	U		NA		NA		NA	10	U
Benzo(b)fluoranthene	10	U	10	U		NA		NA		NA	10	U
Benzo(g,h,i)perylene	10	U	10	UJ		NA		NA		NA	10	U
Benzo(k)fluoranthene	10	U	10	U		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA		NA	10	U
Butylbenzylphthalate	10	U	10	U		NA		NA		NA	10	U
Caprolactam	10	U	10	U		NA		NA		NA	10	U
Carbazole	10	U	10	U		NA		NA		NA	10	U
Chrysene	10	U	10	U		NA		NA		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA		NA	10	U
Dibenzofuran	10	U	10	U		NA		NA		NA	10	U
Diethylphthalate	10	U	10	U		NA		NA		NA	10	U
Dimethylphthalate	10	U	10	U		NA		NA		NA	10	U
Di-n-Butylphthalate	10	U	10	U		NA		NA		NA	10	U
Di-n-octylphthalate	10	U	10	UJ		NA		NA		NA	10	U
Fluoranthene	10	U	10	U		NA		NA		NA	10	U
Fluorene	10	U	10	U		NA		NA		NA	10	U
Hexachlorobenzene	10	U	10	U		NA		NA		NA	10	U
Hexachlorobutadiene	10	U	10	U		NA		NA		NA	10	U
Hexachlorocyclopentadiene	10	U	10	UJ		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	10	U	10	U		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ		NA		NA		NA	10	U
Isophorone	10	U	10	U		NA		NA		NA	10	U
Naphthalene	10	U	10	U		NA		NA		NA	10	U
Nitrobenzene	10	U	10	U		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U		NA		NA		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U		NA		NA		NA	10	U
Pentachlorophenol	25	U	25	U		NA		NA		NA	25	U
Phenanthrene	10	U	10	U		NA		NA		NA	10	U
Phenol	10	U	10	U		NA		NA		NA	10	U
Pyrene	10	U	10	U		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U		NA		NA		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA		NA		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA		NA		NA	0.10	U
Aldrin	0.050	U	0.050	U		NA		NA		NA	0.050	U
alpha-BHC	0.050	U	0.050	U		NA		NA		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U		NA		NA		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA		NA		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U		NA		NA		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U		NA		NA		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA		NA		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA		NA		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U		NA		NA		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U		NA		NA		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U		NA		NA		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U		NA		NA		NA	1.0	U
beta-BHC	0.050	U	0.050	U		NA		NA		NA	0.050	U
delta-BHC	0.050	U	0.050	U		NA		NA		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	0.050	U	0.050	U		NA		NA		NA	0.050	U
Endosulfan I	0.050	U	0.050	U		NA		NA		NA	0.050	U
Endosulfan II	0.10	U	0.10	U		NA		NA		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA		NA	0.10	U
Endrin	0.050	U	0.050	U		NA		NA		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U		NA		NA		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA		NA		NA	0.10	U
gamma-BHC	0.050	U	0.050	U		NA		NA		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U		NA		NA		NA	0.050	U
Heptachlor	0.020	U	0.020	U		NA		NA		NA	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U		NA		NA		NA	0.020	U
Methoxychlor	0.50	U	0.50	U		NA		NA		NA	0.50	U
Toxaphene	5.0	U	5.0	U		NA		NA		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	5.8	UJ	5.4	U		NA		NA		NA	3.8	U
1,2,3,4,6,7,8-HpCDF	3.1	UJ	2.9	U		NA		NA		NA	2.2	U
1,2,3,4,7,8,9-HpCDF	3.8	UJ	3.6	U		NA		NA		NA	2.8	U
1,2,3,4,7,8-HxCDD	3.3	UJ	3.1	U		NA		NA		NA	2.3	U
1,2,3,4,7,8-HxCDF	2.2	UJ	2.0	U		NA		NA		NA	1.5	U
1,2,3,6,7,8-HxCDD	3.3	UJ	3.0	U		NA		NA		NA	2.3	U
1,2,3,6,7,8-HxCDF	2.2	UJ	1.9	U		NA		NA		NA	1.4	U
1,2,3,7,8,9-HxCDD	3.2	UJ	2.9	U		NA		NA		NA	2.2	U
1,2,3,7,8,9-HxCDF	2.8	UJ	2.5	U		NA		NA		NA	1.9	U
1,2,3,7,8-PeCDD	3.1	UJ	2.7	U		NA		NA		NA	2.1	U
1,2,3,7,8-PeCDF	1.9	UJ	1.7	U		NA		NA		NA	1.4	U
2,3,4,6,7,8-HxCDF	2.4	UJ	2.1	U		NA		NA		NA	1.5	U
2,3,4,7,8-PeCDF	2.0	UJ	1.8	U		NA		NA		NA	1.5	U
2,3,7,8-TCDD	2.9	UJ	2.5	U		NA		NA		NA	1.9	U
2,3,7,8-TCDF	2.2	UJ	1.9	U		NA		NA		NA	1.5	U
OCDD	8.5	UJ	8.4	U		NA		NA		NA	5.9	U
OCDF	6.1	UJ	6.1	U		NA		NA		NA	4.3	U
Total HpCDD	5.8	UJ	5.4	UJ		NA		NA		NA	3.8	UJ
Total HpCDF	3.4	UJ	3.2	UJ		NA		NA		NA	2.5	UJ
Total HxCDD	3.3	UJ	3.0	UJ		NA		NA		NA	2.3	UJ
Total HxCDF	2.4	UJ	2.1	UJ		NA		NA		NA	1.6	UJ
Total PeCDD	3.1	UJ	2.7	UJ		NA		NA		NA	2.1	UJ
Total PeCDF	1.9	UJ	1.8	UJ		NA		NA		NA	1.5	UJ
Total TCDD	2.9	UJ	2.5	UJ		NA		NA		NA	1.9	UJ
Total TCDF	2.2	UJ	1.9	UJ		NA		NA		NA	1.5	UJ
Toxicity Equivalency	0.00	UJ	0.00	U		NA		NA		NA	0.00	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-514B-07		OU2-MW-514D-07		OU2-GW-514S-07-AVG		OU2-GW-514S-07		OU2-GW-DUP03-07		OU2-MW-514S-07	
Sample Location	MW-514B		MW-514D		MW-514S		MW-514S		MW-514S		MW-514S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		Field Dup. OU2-GW-514S-07		None	
Zone	Bedrock		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	598	J	201	U		NA		NA		NA	71.3	U
Antimony	2.3	U	2.3	U		NA		NA		NA	2.3	U
Arsenic	16.4		4.8	U		NA		NA		NA	4.8	U
Barium	62.4	J	16.9			NA		NA		NA	28.4	
Beryllium	4.4		0.10	U		NA		NA		NA	0.10	U
Cadmium		R	3.3			NA		NA		NA	0.30	U
Calcium	423000	J	107000			NA		NA		NA	52300	
Chromium	3.4		1.6			NA		NA		NA	0.60	U
Cobalt	1350	J	121			NA		NA		NA	1.0	U
Copper	0.60	U	0.60	UJ		NA		NA		NA	0.60	UJ
Cyanide		NA		NA		NA		NA		NA		NA
Iron	132000	J	35.7	UJ		NA		NA		NA	786	
Lead	2.2	UJ	2.2	UJ		NA		NA		NA	2.2	UJ
Magnesium	196000	J	57900			NA		NA		NA	21600	
Manganese	138000		23300			NA		NA		NA	1180	
Mercury	0.10	U	0.10	U		NA		NA		NA	0.10	U
Nickel	585	J	91.8			NA		NA		NA	2.4	
Potassium	12900	J	8240			NA		NA		NA	5700	
Selenium	4.8	U	4.8	U		NA		NA		NA	4.8	U
Silver	6.3	J	2.2			NA		NA		NA	0.60	U
Sodium	77600	J	144000			NA		NA		NA	78300	
Thallium	4.7	U	4.7	UJ		NA		NA		NA	4.7	UJ
Vanadium	0.50	U	0.50	U		NA		NA		NA	0.50	U
Zinc	953	J	52.8			NA		NA		NA	3.4	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA	10	U		NA	10	U	10	U		NA
1,1,2,2-Tetrachloroethane		NA	10	U		NA	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U	10	U		NA
1,1,2-Trichloroethane		NA	10	U		NA	10	U	10	U		NA
1,1-Dichloroethane		NA	10	U		NA	10	U	10	U		NA
1,1-Dichloroethene		NA	0.9	U		NA	0.9	U	0.9	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U	10	UJ		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U	10	U		NA
1,2-Dibromoethane		NA	10	U		NA	10	U	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,2-Dichloroethane		NA	10	U		NA	10	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA	10	U		NA	10	U	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,4-Dioxane		NA		NA		NA	100	UJ	100	UJ		NA
2-Butanone		NA	10	U		NA	10	U	10	U		NA
2-Hexanone		NA	4			NA	10	U	4	J		NA
4-Methyl-2-Pentanone		NA	10	U		NA	10	U	10	U		NA
Acetone		NA	10	UJ		NA	10	UJ	10	UJ		NA
Benzene		NA	10	U		NA	10	U	10	U		NA
Bromodichloromethane		NA	10	U		NA	10	U	10	U		NA
Bromoform		NA	10	U		NA	10	U	10	U		NA
Bromomethane		NA	10	U		NA	10	U	10	U		NA
Carbon Disulfide		NA	10	U		NA	10	U	10	U		NA
Carbon Tetrachloride		NA	10	U		NA	10	U	10	U		NA
Chlorobenzene		NA	10	U		NA	10	U	10	U		NA
Chloroethane		NA	10	U		NA	10	U	10	U		NA
Chloroform		NA	10	U		NA	10	U	10	U		NA
Chloromethane		NA	10	U		NA	10	U	10	U		NA
cis-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U		NA
cis-1,3-Dichloropropene		NA	10	U		NA	10	U	10	U		NA
Cyclohexane		NA	10	U		NA	10	U	10	U		NA
Dibromochloromethane		NA	10	U		NA	10	U	10	U		NA
Dichlorodifluoromethane		NA	10	U		NA	10	U	10	U		NA
Ethylbenzene		NA	10	U		NA	10	U	10	U		NA
Isopropylbenzene		NA	10	U		NA	10	U	10	U		NA
Methyl Acetate		NA	10	U		NA	10	U	10	U		NA
Methyl tert-Butyl Ether		NA	10	U		NA	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA	10	U		NA	10	U	10	U		NA
Methylene Chloride		NA	10	U		NA	10	U	10	UJ		NA
Styrene		NA	10	U		NA	10	U	10	U		NA
Tetrachloroethene		NA	10	U		NA	10	U	10	U		NA
Toluene		NA	10	U		NA	10	U	10	U		NA
Total Xylenes		NA	10	U		NA	10	U	10	U		NA
trans-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U		NA
trans-1,3-Dichloropropene		NA	10	U		NA	10	U	10	U		NA
Trichloroethene		NA	10	U		NA	10	U	10	U		NA
Trichlorofluoromethane		NA	10	U		NA	10	U	10	U		NA
Vinyl Chloride		NA	1	U		NA	1	U	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	0.4			NA	0.3			NA		NA	0.4	
1,1-Dichloroethene	0.5	U		NA	0.5	U		NA		NA	0.5	U
Benzene	0.5	U		NA	0.5	U		NA		NA	0.5	U
Chlorobenzene	5	U		NA	5	U		NA		NA	5	U
cis-1,2-Dichloroethene	1	U		NA	1	U		NA		NA	1	U
Tetrachloroethene	0.5	U		NA	0.5	U		NA		NA	0.5	U
Toluene	1	U		NA	1	U		NA		NA	1	U
Trichloroethene	0.5	U		NA	0.5	U		NA		NA	0.5	U
Vinyl Chloride	0.1	U		NA	0.1	U		NA		NA	0.1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U		NA	10	U	10	U		NA
2,4,5-Trichlorophenol		NA	25	U		NA	25	U	25	U		NA
2,4,6-Trichlorophenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dichlorophenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dimethylphenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dinitrophenol		NA	25	U		NA	25	U	25	U		NA
2,4-Dinitrotoluene		NA	10	U		NA	10	U	10	U		NA
2,6-Dinitrotoluene		NA	10	U		NA	10	U	10	U		NA
2-Chloronaphthalene		NA	10	U		NA	10	U	10	U		NA
2-Chlorophenol		NA	10	U		NA	10	U	10	U		NA
2-Methylnaphthalene		NA	10	U		NA	10	U	10	U		NA
2-Methylphenol		NA	10	U		NA	10	U	10	U		NA
2-Nitroaniline		NA	25	U		NA	25	U	25	U		NA

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Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol		NA	10	U		NA	10	U	10	U		NA
3,3'-Dichlorobenzidine		NA	10	U		NA	10	U	10	U		NA
3-Nitroaniline		NA	25	U		NA	25	U	25	U		NA
4,6-Dinitro-2-methylphenol		NA	25	U		NA	25	U	25	U		NA
4-Bromophenyl-phenylether		NA	10	U		NA	10	U	10	U		NA
4-Chloro-3-methylphenol		NA	10	U		NA	10	U	10	U		NA
4-Chloroaniline		NA	10	UJ		NA	10	UJ	10	UJ		NA
4-Chlorophenyl-phenylether		NA	10	U		NA	10	U	10	U		NA
4-Methylphenol		NA	10	U		NA	10	U	10	U		NA
4-Nitroaniline		NA	25	U		NA	25	U	25	U		NA
4-Nitrophenol		NA	25	U		NA	25	U	25	U		NA
Acenaphthene		NA	10	U		NA	10	U	10	U		NA
Acenaphthylene		NA	10	U		NA	10	U	10	U		NA
Acetophenone		NA	10	U		NA	10	U	10	U		NA
Anthracene		NA	10	U		NA	10	U	10	U		NA
Atrazine		NA	10	U		NA	10	U	10	U		NA
Benzaldehyde		NA	10	UJ		NA	10	UJ	10	UJ		NA
Benzo(a)anthracene		NA	10	U		NA	10	U	10	U		NA
Benzo(a)pyrene		NA	10	U		NA	10	U	10	U		NA
Benzo(b)fluoranthene		NA	10	U		NA	10	U	10	U		NA
Benzo(g,h,i)perylene		NA	10	U		NA	10	U	10	U		NA
Benzo(k)fluoranthene		NA	10	U		NA	10	U	10	U		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA	10	U	10	U		NA
Bis(2-Chloroethyl)ether		NA	10	U		NA	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate		NA	10	U		NA	10	U	10	U		NA
Butylbenzylphthalate		NA	10	U		NA	10	U	10	U		NA
Caprolactam		NA	10	U		NA	10	U	10	U		NA
Carbazole		NA	10	U		NA	10	U	10	U		NA
Chrysene		NA	10	U		NA	10	U	10	U		NA
Dibenzo(a,h)anthracene		NA	10	U		NA	10	U	10	U		NA
Dibenzofuran		NA	10	U		NA	10	U	10	U		NA
Diethylphthalate		NA	10	U		NA	10	U	10	U		NA
Dimethylphthalate		NA	10	U		NA	10	U	10	U		NA
Di-n-Butylphthalate		NA	10	U		NA	10	U	10	U		NA
Di-n-octylphthalate		NA	10	U		NA	10	U	10	U		NA
Fluoranthene		NA	10	U		NA	10	U	10	U		NA
Fluorene		NA	10	U		NA	10	U	10	U		NA
Hexachlorobenzene		NA	10	U		NA	10	U	10	U		NA
Hexachlorobutadiene		NA	10	U		NA	10	U	10	U		NA
Hexachlorocyclopentadiene		NA	10	U		NA	10	U	10	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane		NA	10	U		NA	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene		NA	10	U		NA	10	U	10	U		NA
Isophorone		NA	10	U		NA	10	U	10	U		NA
Naphthalene		NA	10	U		NA	10	U	10	U		NA
Nitrobenzene		NA	10	U		NA	10	U	10	U		NA
N-Nitroso-di-n-propylamine		NA	10	U		NA	10	U	10	U		NA
N-Nitroso-diphenylamine		NA	10	U		NA	10	U	10	U		NA
Pentachlorophenol		NA	25	U		NA	25	U	25	U		NA
Phenanthrene		NA	10	U		NA	10	U	10	U		NA
Phenol		NA	10	U		NA	10	U	10	U		NA
Pyrene		NA	10	U		NA	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA	0.10	U		NA	0.10	U	0.10	U		NA
4,4'-DDE		NA	0.10	U		NA	0.10	U	0.10	U		NA
4,4'-DDT		NA	0.10	U		NA	0.10	U	0.10	U		NA
Aldrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
alpha-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
alpha-Chlordane		NA	0.050	U		NA	0.050	U	0.050	U		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1221		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1232		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1242		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1248		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1254		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1260		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1262		NA	0.28	U		NA	0.28	U	0.28	U		NA
Aroclor-1268		NA	1.0	U		NA	1.0	U	1.0	U		NA
beta-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
delta-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endosulfan I		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endosulfan II		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endosulfan Sulfate		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endrin Aldehyde		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endrin Ketone		NA	0.10	U		NA	0.10	U	0.10	U		NA
gamma-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
gamma-Chlordane		NA	0.050	U		NA	0.050	U	0.050	U		NA
Heptachlor		NA	0.020	U		NA	0.020	U	0.020	U		NA
Heptachlor Epoxide		NA	0.020	U		NA	0.020	U	0.020	U		NA
Methoxychlor		NA	0.50	U		NA	0.50	U	0.50	U		NA
Toxaphene		NA	5.0	U		NA	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	13.5			NA	14.2	J	12.8	J		NA
1,2,3,4,6,7,8-HpCDF		NA	2.2	UJ		NA	2.2	UJ	0.80	U		NA
1,2,3,4,7,8,9-HpCDF		NA	3.0	UJ		NA	3.0	UJ	1.1	U		NA
1,2,3,4,7,8-HxCDD		NA	2.4	UJ		NA	2.4	UJ	0.90	U		NA
1,2,3,4,7,8-HxCDF		NA	1.7	UJ		NA	1.7	UJ	0.70	U		NA
1,2,3,6,7,8-HxCDD		NA	2.3	UJ		NA	2.3	UJ	0.90	U		NA
1,2,3,6,7,8-HxCDF		NA	1.6	UJ		NA	1.6	UJ	0.70	U		NA
1,2,3,7,8,9-HxCDD		NA	2.4	UJ		NA	2.4	UJ	0.90	U		NA
1,2,3,7,8,9-HxCDF		NA	2.3	UJ		NA	2.3	UJ	0.90	U		NA
1,2,3,7,8-PeCDD		NA	4.1	UJ		NA	4.1	UJ	1.4	U		NA
1,2,3,7,8-PeCDF		NA	1.9	UJ		NA	1.9	UJ	0.80	U		NA
2,3,4,6,7,8-HxCDF		NA	1.9	UJ		NA	1.9	UJ	0.70	U		NA
2,3,4,7,8-PeCDF		NA	2.0	UJ		NA	2.0	UJ	0.80	U		NA
2,3,7,8-TCDD		NA	2.8	UJ		NA	2.8	UJ	1.1	U		NA
2,3,7,8-TCDF		NA	1.8	UJ		NA	1.8	UJ	0.70	U		NA
OCDD		NA	375			NA	371	J	379			NA
OCDF		NA	4.0	UJ		NA	4.0	UJ	1.4	U		NA
Total HpCDD		NA	27.7			NA	28.5	J	26.9	J		NA
Total HpCDF		NA	2.5	UJ		NA	2.5	UJ	0.90	UJ		NA
Total HxCDD		NA	2.4	UJ		NA	2.4	UJ	6.9	UEMPC		NA
Total HxCDF		NA	1.8	UJ		NA	1.8	UJ	0.70	UJ		NA
Total PeCDD		NA	4.1	UJ		NA	4.1	UJ	6.2	UEMPC		NA
Total PeCDF		NA	1.9	UJ		NA	1.9	UJ	2.3	UEMPC		NA
Total TCDD		NA	4.1	UEMPC		NA	4.1	UEMPC	3.7	UEMPC		NA
Total TCDF		NA	4.1	UJ		NA	4.1	UJ	1.9	UJ		NA
Toxicity Equivalency		NA	0.17			NA	0.18	J	0.16	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-515S-07-		OU2-MW-515S-07-AVG		OU2-GW-515S-07		OU2-MW-515S-07		OU2-MW-DUP10-07		OU2-GW-DUP01-07	
Sample Location	MW-515S		MW-515S		MW-515S		MW-515S		MW-515S		MW-515S	
Date Sampled	1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003		1/7/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-MW-515S-07		Field Dup. OU2-GW-515S-07	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum		NA	108	U		NA	108	U	91.8	U		NA
Antimony		NA	2.3	U		NA	2.3	U	2.3	U		NA
Arsenic		NA	4.8	U		NA	4.8	U	4.8	U		NA
Barium		NA	54.2			NA	55.0		53.4			NA
Beryllium		NA	0.10	U		NA	0.10	U	0.10	U		NA
Cadmium		NA	0.30	U		NA	0.30	U	0.30	U		NA
Calcium		NA	22500			NA	22700		22300			NA
Chromium		NA	0.60	U		NA	0.60	U	0.60	U		NA
Cobalt		NA	1.1			NA	1.2	J	1.0	J		NA
Copper		NA	0.48			NA	0.67	J	0.60	U		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA	18.7	U		NA	18.7	U	18.7	U		NA
Lead		NA	2.2	UJ		NA	2.2	UJ	2.2	UJ		NA
Magnesium		NA	3030			NA	3060		3000			NA
Manganese		NA	92.2			NA	93.3		91.0			NA
Mercury		NA	0.10	U		NA	0.10	U	0.10	U		NA
Nickel		NA	7.6			NA	7.5		7.8			NA
Potassium		NA	3570			NA	3590		3550			NA
Selenium		NA	4.8	U		NA	4.8	U	4.8	U		NA
Silver		NA	0.60	U		NA	0.60	U	0.60	U		NA
Sodium		NA	40400			NA	40700		40000			NA
Thallium		NA	4.7	U		NA	4.7	U	4.7	U		NA
Vanadium		NA	0.50	U		NA	0.50	U	0.50	U		NA
Zinc		NA	8.4			NA	8.4		8.3			NA
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	10	U	10	U	10	U		NA	1100	*		NA
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U		NA	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U		NA	10	U		NA
1,1,2-Trichloroethane	10	U	10	U	10	U		NA	2	J		NA
1,1-Dichloroethane	20		20		20			NA	170			NA
1,1-Dichloroethene	0.9	U	0.9	U	0.9	U		NA	640	*		NA
1,2,4-Trichlorobenzene	10	U	10	U	10	U		NA	10	U		NA
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U		NA	10	U		NA
1,2-Dibromoethane	10	U	10	U	10	U		NA	10	U		NA
1,2-Dichlorobenzene	10	U	10	U	10	U		NA	10	U		NA
1,2-Dichloroethane	10	U	10	U	10	U		NA	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U	10	U		NA	10	U		NA
1,3-Dichlorobenzene	10	U	10	U	10	U		NA	10	U		NA
1,4-Dichlorobenzene	10	U	10	U	10	U		NA	10	U		NA
1,4-Dioxane		NA	97	J	110	J		NA	100	UJ		NA
2-Butanone	10	U	10	U	10	U		NA	10	UJ		NA
2-Hexanone	10	U	10	U	10	U		NA	10	U		NA
4-Methyl-2-Pentanone	10	U	10	U	10	U		NA	10	U		NA
Acetone	10	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Benzene	10	U	10	U	10	U		NA	10	U		NA
Bromodichloromethane	10	U	10	U	10	U		NA	10	U		NA
Bromoform	10	U	10	U	10	U		NA	10	U		NA
Bromomethane	10	U	10	U	10	U		NA	10	U		NA
Carbon Disulfide	10	U	10	U	10	U		NA	10	U		NA
Carbon Tetrachloride	10	U	10	U	10	U		NA	10	U		NA
Chlorobenzene	14		14		14			NA	4	J		NA
Chloroethane	10	U	10	U	10	U		NA	5	J		NA
Chloroform	10	U	10	U	10	U		NA	2	J		NA
Chloromethane	10	U	10	U	10	U		NA	10	U		NA
cis-1,2-Dichloroethene	13		13		13			NA	400			NA
cis-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U		NA
Cyclohexane	10	U	10	U	10	U		NA	10	U		NA
Dibromochloromethane	10	U	10	U	10	U		NA	10	U		NA
Dichlorodifluoromethane	10	UJ	10	UJ	10	UJ		NA	10	U		NA
Ethylbenzene	10	U	10	U	10	U		NA	10	U		NA
Isopropylbenzene	10	U	10	U	10	U		NA	10	U		NA
Methyl Acetate	10	U	10	U	10	U		NA	10	U		NA
Methyl tert-Butyl Ether	10	U	10	U	10	U		NA	1	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U	10	U	10	U		NA	10	U		NA
Methylene Chloride	10	U	10	U	10	U		NA	10	UJ		NA
Styrene	10	U	10	U	10	U		NA	10	U		NA
Tetrachloroethene	10	U	10	U	10	U		NA	3	J		NA
Toluene	10	U	10	U	10	U		NA	10	U		NA
Total Xylenes	10	U	10	U	10	U		NA	10	U		NA
trans-1,2-Dichloroethene	3		1	J	10	U		NA	10	U		NA
trans-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U		NA
Trichloroethene	10	U	10	U	10	U		NA	780	*		NA
Trichlorofluoromethane	10	U	10	U	10	U		NA	10	U		NA
Vinyl Chloride	53		53		53			NA	11			NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane	10.0	U	10.0	U	10.0	U		NA		NA		NA
Ethene	10.0	U	10.0	U	10.0	U		NA		NA		NA
Methane	1100		1100		1100			NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA		NA	874			NA	38	
1,1-Dichloroethene		NA		NA		NA	332			NA	11	
Benzene		NA		NA		NA	15	U		NA	0.5	U
Chlorobenzene		NA		NA		NA	150	U		NA	5	U
cis-1,2-Dichloroethene		NA		NA		NA	453			NA	14	
Tetrachloroethene		NA		NA		NA	16	U		NA	0.5	U
Toluene		NA		NA		NA	30	U		NA	1	U
Trichloroethene		NA		NA		NA	660			NA	46	
Vinyl Chloride		NA		NA		NA	17			NA	0.1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U	10	U		NA	10	U		NA
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA	10	U		NA
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA	25	U		NA
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA	10	U		NA
2,4-Dichlorophenol	10	U	10	U	10	U		NA	10	U		NA
2,4-Dimethylphenol	10	U	10	U	10	U		NA	10	U		NA
2,4-Dinitrophenol	25	U	25	U	25	U		NA	25	UJ		NA
2,4-Dinitrotoluene	10	U	10	U	10	U		NA	10	U		NA
2,6-Dinitrotoluene	10	U	10	U	10	U		NA	10	U		NA
2-Chloronaphthalene	10	U	10	U	10	U		NA	10	U		NA
2-Chlorophenol	10	U	10	U	10	U		NA	10	U		NA
2-Methylnaphthalene	10	U	10	U	10	U		NA	10	U		NA
2-Methylphenol	10	U	10	U	10	U		NA	10	U		NA
2-Nitroaniline	25	U	25	U	25	U		NA	25	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	10	U	10	U	10	U		NA	10	U		NA
3,3'-Dichlorobenzidine	10	U	10	U	10	U		NA	10	U		NA
3-Nitroaniline	25	U	25	U	25	U		NA	25	U		NA
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA	25	U		NA
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA	10	U		NA
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA	10	U		NA
4-Chloroaniline	10	UJ	10	UJ	10	UJ		NA	10	UJ		NA
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA	10	U		NA
4-Methylphenol	10	U	10	U	10	U		NA	10	U		NA
4-Nitroaniline	25	U	25	U	25	U		NA	25	U		NA
4-Nitrophenol	25	U	25	U	25	U		NA	6	J		NA
Acenaphthene	10	U	10	U	10	U		NA	10	U		NA
Acenaphthylene	10	U	10	U	10	U		NA	10	U		NA
Acetophenone	10	U	10	U	10	U		NA	10	U		NA
Anthracene	10	U	10	U	10	U		NA	10	U		NA
Atrazine	10	U	10	U	10	U		NA	10	U		NA
Benzaldehyde	10	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Benzo(a)anthracene	10	U	10	U	10	U		NA	10	U		NA
Benzo(a)pyrene	10	U	10	U	10	U		NA	10	U		NA
Benzo(b)fluoranthene	10	U	10	U	10	U		NA	10	U		NA
Benzo(g,h,i)perylene	10	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Benzo(k)fluoranthene	10	U	10	U	10	U		NA	10	U		NA
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA	10	U		NA
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA	10	U		NA
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA	10	U		NA
Butylbenzylphthalate	10	U	10	U	10	U		NA	10	U		NA
Caprolactam	10	U	10	U	10	U		NA	10	U		NA
Carbazole	10	U	10	U	10	U		NA	10	U		NA
Chrysene	10	U	10	U	10	U		NA	10	U		NA
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA	10	U		NA
Dibenzofuran	10	U	10	U	10	U		NA	10	U		NA
Diethylphthalate	10	U	10	U	10	U		NA	10	U		NA
Dimethylphthalate	10	U	10	U	10	U		NA	10	U		NA
Di-n-Butylphthalate	10	U	10	U	10	U		NA	10	U		NA
Di-n-octylphthalate	10	U	10	U	10	U		NA	10	UJ		NA
Fluoranthene	10	U	10	U	10	U		NA	10	U		NA
Fluorene	10	U	10	U	10	U		NA	10	U		NA
Hexachlorobenzene	10	U	10	U	10	U		NA	10	U		NA
Hexachlorobutadiene	10	U	10	U	10	U		NA	10	U		NA
Hexachlorocyclopentadiene	10	U	10	U	10	U		NA	10	UJ		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	10	U	10	U	10	U		NA	10	U		NA
Indeno(1,2,3-cd)pyrene	10	UJ	10	UJ	10	UJ		NA	10	UJ		NA
Isophorone	10	U	10	U	10	U		NA	10	U		NA
Naphthalene	10	U	10	U	10	U		NA	10	U		NA
Nitrobenzene	10	U	10	U	10	U		NA	10	U		NA
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA	10	U		NA
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA	10	U		NA
Pentachlorophenol	25	U	25	U	25	U		NA	25	U		NA
Phenanthrene	10	U	10	U	10	U		NA	10	U		NA
Phenol	10	U	10	U	10	U		NA	10	U		NA
Pyrene	10	U	10	U	10	U		NA	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Chrysene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Phenanthrene	0.20	U	0.20	U	0.20	U		NA	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
Aldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
alpha-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U	1.0	U		NA	1.0	U		NA
Aroclor-1221	0.25	U	0.25	U	0.25	U		NA	0.25	U		NA
Aroclor-1232	1.0	U	1.0	U	1.0	U		NA	1.0	U		NA
Aroclor-1242	1.0	U	1.0	U	1.0	U		NA	1.0	U		NA
Aroclor-1248	1.0	U	1.0	U	1.0	U		NA	1.0	U		NA
Aroclor-1254	0.25	U	0.25	U	0.25	U		NA	0.25	U		NA
Aroclor-1260	0.25	U	0.25	U	0.25	U		NA	0.25	U		NA
Aroclor-1262	0.28	U	0.28	U	0.28	U		NA	0.28	U		NA
Aroclor-1268	1.0	U	1.0	U	1.0	U		NA	1.0	U		NA
beta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
delta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
Endosulfan I	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
Endosulfan II	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
Endrin	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
gamma-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U		NA
Heptachlor	0.020	U	0.020	U	0.020	U		NA	0.020	U		NA
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U		NA	0.020	U		NA
Methoxychlor	0.50	U	0.50	U	0.50	U		NA	0.50	U		NA
Toxaphene	5.0	U	5.0	U	5.0	U		NA	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	1.8	U	1.8	U	2.4	U		NA	4.5	U		NA
1,2,3,4,6,7,8-HpCDF	1.0	U	1.0	U	1.3	U		NA	2.5	U		NA
1,2,3,4,7,8,9-HpCDF	1.3	U	1.3	U	1.7	U		NA	3.1	U		NA
1,2,3,4,7,8-HxCDD	1.2	U	1.2	U	1.6	U		NA	2.5	U		NA
1,2,3,4,7,8-HxCDF	0.80	U	0.80	U	1.1	U		NA	1.7	U		NA
1,2,3,6,7,8-HxCDD	1.2	U	1.2	U	1.6	U		NA	2.5	U		NA
1,2,3,6,7,8-HxCDF	0.80	U	0.80	U	1.0	U		NA	1.6	U		NA
1,2,3,7,8,9-HxCDD	1.2	U	1.2	U	1.6	U		NA	2.4	U		NA
1,2,3,7,8,9-HxCDF	0.90	U	0.90	U	1.3	U		NA	2.1	U		NA
1,2,3,7,8-PeCDD	1.1	U	1.1	U	1.6	U		NA	2.6	U		NA
1,2,3,7,8-PeCDF	0.80	U	0.80	U	1.1	U		NA	1.7	U		NA
2,3,4,6,7,8-HxCDF	0.90	U	0.90	U	1.2	U		NA	1.8	U		NA
2,3,4,7,8-PeCDF	0.80	U	0.80	U	1.1	U		NA	1.8	U		NA
2,3,7,8-TCDD	1.2	U	1.2	U	1.7	U		NA	2.4	U		NA
2,3,7,8-TCDF	0.80	U	0.80	U	1.1	U		NA	2.0	U		NA
OCDD	7.4		4.9	U	21.7	U		NA	6.2	U		NA
OCDF	2.1		1.8	U	6.0	U		NA	4.5	U		NA
Total HpCDD	1.8	UJ	1.8	UJ	2.4	UJ		NA	4.5	UJ		NA
Total HpCDF	1.1	UJ	1.1	UJ	1.5	UJ		NA	2.8	UJ		NA
Total HxCDD	1.2	UJ	1.2	UJ	1.6	UJ		NA	2.5	UJ		NA
Total HxCDF	0.80	UJ	0.80	UJ	1.1	UJ		NA	1.8	UJ		NA
Total PeCDD	1.1	UJ	1.1	UJ	1.6	UJ		NA	2.6	UJ		NA
Total PeCDF	0.80	UJ	0.80	UJ	1.1	UJ		NA	1.7	UJ		NA
Total TCDD	1.2	UJ	1.2	UJ	1.7	UJ		NA	2.4	UJ		NA
Total TCDF	0.80	UJ	0.80	UJ	1.1	UJ		NA	2.0	UJ		NA
Toxicity Equivalency	0.00	U	0.00	U	0.00	U		NA	0.00	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-516M-07-AVG		OU2-MW-516M-07		OU2-MW-DUP07-07		OU2-GW-517S-07		OU2-MW-517S-07		OU2-GW-518S-07	
Sample Location	MW-516M		MW-516M		MW-516M		MW-517S		MW-517S		MW-518S	
Date Sampled	12/18/2002		12/18/2002		12/18/2002		1/9/2003		1/9/2003		1/9/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		Field Dup. OU2-MW-516M-07		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	56.7	U	56.7	U	56.7	U		NA	77.5	U		NA
Antimony	1.2	U	1.2	U	1.2	U		NA	2.3	U		NA
Arsenic	52.2		50.9		53.5			NA	4.8	U		NA
Barium	25.6		25.3		25.8			NA	55.4			NA
Beryllium	0.20	U	0.20	U	0.20	U		NA	0.10	U		NA
Cadmium	0.30	U	0.30	U	0.30	U		NA	0.30	U		NA
Calcium	75700		74600		76700			NA	44600			NA
Chromium	0.80	U	0.80	U	0.80	U		NA	0.61	J		NA
Cobalt	0.82		0.70	U	1.3	J		NA	5.7			NA
Copper	1.5	U	1.5	U	1.5	U		NA	0.60	UJ		NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron	26400		26000		26900			NA	18.7	U		NA
Lead	1.2	U	1.2	U	1.2	U		NA	2.2	UJ		NA
Magnesium	16900		16700		17200			NA	25900			NA
Manganese	1750		1720		1780			NA	4460			NA
Mercury	0.10	U	0.10	U	0.10	U		NA	0.10	U		NA
Nickel	4.5	U	4.5	U	4.6	U		NA	7.1			NA
Potassium	13500		13400	J	13600	J		NA	5930			NA
Selenium	3.0	U	3.0	U	3.0	U		NA	4.8	U		NA
Silver	0.80	U	0.80	U	0.80	U		NA	0.60	U		NA
Sodium	103000		102000		104000			NA	143000			NA
Thallium	2.4		2.4	U	3.6	J		NA	4.7	UJ		NA
Vanadium	0.70	U	0.70	U	0.70	U		NA	0.50	U		NA
Zinc	1.1	UJ	1.1	UJ	1.1	UJ		NA	1.6	J		NA
Wet Chemistry Analysis												
Alkalinity	214		217		211			NA		NA		NA
Carbon Dioxide	286		293		280			NA		NA		NA
Chloride	138		137		139			NA		NA		NA
Ferrous Iron	7.6		7.525		7.7			NA		NA		NA
Nitrate	0.050	U	0.050	U	0.050	U		NA		NA		NA
Nitrite-N	0.050	U	0.050	U	0.050	U		NA		NA		NA
Sulfate	87.3		87.8		86.8			NA		NA		NA
Sulfide	0.65		0.60		0.70			NA		NA		NA
Total Organic Carbon	5.6		5.74		5.49			NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	40		21			NA	1400	*		NA	10	U
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U		NA	3	J		NA	10	U
1,1-Dichloroethane	13		36			NA	230			NA	10	U
1,1-Dichloroethene	19		17			NA	870	*		NA	0.9	U
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2-Dibromo-3-chloropropane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	UJ	100	UJ		NA	300	J		NA	100	UJ
2-Butanone	10	U	10	U		NA	10	U		NA	10	U
2-Hexanone	10	U	10	U		NA	10	U		NA	10	U
4-Methyl-2-Pentanone	10	U	10	U		NA	10	U		NA	10	U
Acetone	10	U	10	U		NA	10	UJ		NA	10	UJ
Benzene	10	U	10	U		NA	16			NA	10	U
Bromodichloromethane	10	U	10	U		NA	10	U		NA	10	U
Bromoform	10	U	10	U		NA	10	U		NA	10	U
Bromomethane	10	U	10	U		NA	10	U		NA	10	U
Carbon Disulfide	10	U	10	U		NA	10	U		NA	10	U
Carbon Tetrachloride	10	U	10	U		NA	10	U		NA	10	U
Chlorobenzene	10	U	2	J		NA	5	J		NA	10	U
Chloroethane	10	U	10	U		NA	10	U		NA	10	U
Chloroform	10	U	10	U		NA	2	J		NA	10	U
Chloromethane	10	U	10	U		NA	10	U		NA	10	U
cis-1,2-Dichloroethene	17		19			NA	450	*		NA	10	U
cis-1,3-Dichloropropene	10	U	10	U		NA	10	U		NA	10	U
Cyclohexane	10	U	10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U		NA	10	U		NA	10	U
Dichlorodifluoromethane	10	UJ	10	UJ		NA	10	U		NA	10	UJ
Ethylbenzene	10	U	10	U		NA	10	U		NA	10	U
Isopropylbenzene	10	U	10	U		NA	10	U		NA	10	U
Methyl Acetate	10	U	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U	78			NA	19			NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	10	U	10	U		NA	1	J		NA	10	U
Methylene Chloride	10	UJ	10	UJ		NA	10	U		NA	10	U
Styrene	10	U	10	U		NA	10	U		NA	10	U
Tetrachloroethene	10	U	10	U		NA	3	J		NA	10	U
Toluene	10	U	10	U		NA	10	U		NA	10	U
Total Xylenes	10	U	10	U		NA	10	U		NA	10	U
trans-1,2-Dichloroethene	10	U	10	U		NA	10	U		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U		NA	10	U		NA	10	U
Trichloroethene	56		20			NA	680	*		NA	10	U
Trichlorofluoromethane	10	UJ	10	UJ		NA	10	U		NA	10	U
Vinyl Chloride	1	U	1	U		NA	24			NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA		NA		NA		NA
Ethene		NA		NA		NA		NA		NA		NA
Methane		NA		NA		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	10			NA	844			NA
1,1-Dichloroethene		NA		NA	6.5			NA	418			NA
Benzene		NA		NA	0.5	U		NA	35	U		NA
Chlorobenzene		NA		NA	5	U		NA	5	U		NA
cis-1,2-Dichloroethene		NA		NA	12			NA	351			NA
Tetrachloroethene		NA		NA	0.4			NA	1.6			NA
Toluene		NA		NA	1	U		NA	1	U		NA
Trichloroethene		NA		NA	12			NA	517			NA
Vinyl Chloride		NA		NA	0.3			NA	18			NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA	10	U		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U		NA	25	U		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dichlorophenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dimethylphenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dinitrophenol	25	U	25	U		NA	25	U		NA	25	U
2,4-Dinitrotoluene	10	U	10	U		NA	10	U		NA	10	U
2,6-Dinitrotoluene	10	U	10	U		NA	10	U		NA	10	U
2-Chloronaphthalene	10	U	10	U		NA	10	U		NA	10	U
2-Chlorophenol	10	U	10	U		NA	10	U		NA	10	U
2-Methylnaphthalene	10	U	10	U		NA	10	U		NA	10	U
2-Methylphenol	10	U	10	U		NA	10	U		NA	10	U
2-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	10	U	10	U		NA	10	U		NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U		NA	10	U		NA	10	U
3-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA	25	U		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA	10	U		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA	10	U		NA	10	U
4-Chloroaniline	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA	10	U		NA	10	U
4-Methylphenol	10	U	10	U		NA	10	U		NA	10	U
4-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U
4-Nitrophenol	25	U	25	U		NA	25	U		NA	25	U
Acenaphthene	10	U	10	U		NA	10	U		NA	10	U
Acenaphthylene	10	U	10	U		NA	10	U		NA	10	U
Acetophenone	10	U	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U		NA	10	U		NA	10	U
Atrazine	10	U	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U		NA	10	U		NA	10	U
Benzo(a)pyrene	10	U	10	U		NA	10	U		NA	10	U
Benzo(b)fluoranthene	10	U	10	U		NA	10	U		NA	10	U
Benzo(g,h,i)perylene	10	U	10	U		NA	10	U		NA	10	U
Benzo(k)fluoranthene	10	U	10	U		NA	10	U		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA	10	U		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA	10	U		NA	10	U
Butylbenzylphthalate	10	U	10	U		NA	10	U		NA	10	U
Caprolactam	10	U	10	U		NA	10	U		NA	10	U
Carbazole	10	U	10	U		NA	10	U		NA	10	U
Chrysene	10	U	10	U		NA	10	U		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA	10	U		NA	10	U
Dibenzofuran	10	U	10	U		NA	10	U		NA	10	U
Diethylphthalate	10	U	10	U		NA	10	U		NA	10	U
Dimethylphthalate	10	U	10	U		NA	10	U		NA	10	U
Di-n-Butylphthalate	10	U	10	U		NA	10	U		NA	10	U
Di-n-octylphthalate	10	U	10	U		NA	10	U		NA	10	U
Fluoranthene	10	U	10	U		NA	10	U		NA	10	U
Fluorene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorobenzene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorobutadiene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorocyclopentadiene	10	U	10	U		NA	10	U		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	10	U	10	U		NA	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA	10	U		NA	10	U
Isophorone	10	U	10	U		NA	10	U		NA	10	U
Naphthalene	10	U	10	U		NA	10	U		NA	10	U
Nitrobenzene	10	U	10	U		NA	10	U		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U		NA	10	U		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U		NA	10	U		NA	10	U
Pentachlorophenol	25	U	25	U		NA	25	U		NA	25	U
Phenanthrene	10	U	10	U		NA	10	U		NA	10	U
Phenol	10	U	10	U		NA	10	U		NA	10	U
Pyrene	10	U	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA	0.85			NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U		NA	0.28	U		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.020	U		NA	0.020	U		NA	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U		NA	0.020	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U		NA	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U		NA	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	4.0	U	5.2	U		NA	1.5	U		NA	2.6	EMPC
1,2,3,4,6,7,8-HpCDF	2.2	U	2.7	U		NA	0.80	U		NA	3.1	U
1,2,3,4,7,8,9-HpCDF	2.8	U	3.4	U		NA	1.1	U		NA	3.1	U
1,2,3,4,7,8-HxCDD	2.4	U	3.1	U		NA	0.90	U		NA	3.8	U
1,2,3,4,7,8-HxCDF	1.6	U	2.0	U		NA	0.70	U		NA	4.3	U
1,2,3,6,7,8-HxCDD	2.4	U	3.1	U		NA	0.90	U		NA	3.5	U
1,2,3,6,7,8-HxCDF	1.6	U	1.9	U		NA	0.60	U		NA	4.0	U
1,2,3,7,8,9-HxCDD	2.3	U	3.0	U		NA	0.90	U		NA	3.8	U
1,2,3,7,8,9-HxCDF	2.1	U	2.3	U		NA	0.90	U		NA	4.5	U
1,2,3,7,8-PeCDD	2.4	U	2.3	U		NA	1.3	U		NA	4.7	UEMPC
1,2,3,7,8-PeCDF	1.5	U	1.6	U		NA	0.60	U		NA	5.9	U
2,3,4,6,7,8-HxCDF	1.7	U	2.1	U		NA	0.70	U		NA	3.5	U
2,3,4,7,8-PeCDF	1.6	U	1.6	U		NA	0.60	U		NA	4.2	U
2,3,7,8-TCDD	2.3	U	2.8	U		NA	1.1	U		NA	3.1	U
2,3,7,8-TCDF	1.8	U	2.2	U		NA	0.60	U		NA	2.0	J
OCDD	5.9	U	7.0	U		NA	29.6	U		NA	9.5	U
OCDF	4.3	U	5.5	U		NA	1.6	U		NA	4.1	U
Total HpCDD	4.0	UJ	5.2	UJ		NA	1.5	UJ		NA	2.6	EMPC
Total HpCDF	2.5	UJ	3.0	UJ		NA	0.90	UJ		NA	6.2	UJ
Total HxCDD	2.4	UJ	3.1	UJ		NA	5.7	UEMPC		NA	11.0	UJ
Total HxCDF	1.7	UJ	2.0	UJ		NA	0.70	UJ		NA	16.3	UJ
Total PeCDD	2.4	UJ	2.3	UJ		NA	7.3	UEMPC		NA	4.7	UEMPC
Total PeCDF	1.5	UJ	1.6	UJ		NA	0.60	UJ		NA	10.1	UJ
Total TCDD	2.3	UJ	2.8	UJ		NA	1.7	UEMPC		NA	3.1	UJ
Total TCDF	1.8	UJ	2.2	UJ		NA	0.60	UJ		NA	2.0	J
Toxicity Equivalency	0.00	U	0.00	U		NA	0.00	UJ		NA	0.23	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-518S-07		OU2-MW-519S-07		OU2-GW-519S-07		OU2-MW-520S-07		OU2-GW-520S-07		OU2-MW-521S-07	
Sample Location	MW-518S		MW-519S		MW-519S		MW-520S		MW-520S		MW-521S	
Date Sampled	1/9/2003		1/9/2003		1/9/2003		1/7/2003		1/7/2003		12/18/2002	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	54.8	U	82.0	U		NA	63.8	U		NA	38.5	UJ
Antimony	2.3	U	2.3	U		NA	2.3	U		NA	3.7	U
Arsenic	4.8	U	4.8	U		NA	4.8	U		NA	2.5	U
Barium	66.1		65.8			NA	10.5			NA	113	
Beryllium	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Cadmium	0.30	U	0.30	U		NA	0.30	U		NA	0.40	U
Calcium	75300		68700			NA	52800			NA	46400	
Chromium	0.60	U	0.60	U		NA	1.1	J		NA	0.60	U
Cobalt	1.0	U	1.0	U		NA	3.4			NA	2.4	U
Copper	11.6		0.60	U		NA	0.60	U		NA	1.4	J
Cyanide		NA		NA		NA		NA		NA		NA
Iron	18.7	U	35.8	UJ		NA	105	U		NA	13.7	U
Lead	2.2	UJ	2.2	UJ		NA	2.2	UJ		NA	2.3	U
Magnesium	4680		11600			NA	26100			NA	6730	
Manganese	22.0		1480			NA	3240			NA	27.9	J
Mercury	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Nickel	2.1	J	1.3	J		NA	5.4			NA	7.8	
Potassium	6640	J	7690	J		NA	6430			NA	5810	
Selenium	4.8	U	4.8	U		NA	4.8	U		NA	3.3	U
Silver	0.60	U	0.60	U		NA	0.60	U		NA	0.70	U
Sodium	158000		135000			NA	111000			NA	23000	
Thallium	4.7	U	4.7	U		NA	4.7	U		NA	5.1	U
Vanadium	0.50	U	0.50	U		NA	0.50	U		NA	1.4	
Zinc	1.4	U	1.4	U		NA	2.2	J		NA	156	
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA		NA		NA		NA
Carbon Dioxide		NA		NA		NA		NA		NA		NA
Chloride		NA		NA		NA		NA		NA		NA
Ferrous Iron		NA		NA		NA		NA		NA		NA
Nitrate		NA		NA		NA		NA		NA		NA
Nitrite-N		NA		NA		NA		NA		NA		NA
Sulfate		NA		NA		NA		NA		NA		NA
Sulfide		NA		NA		NA		NA		NA		NA
Total Organic Carbon		NA		NA		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane	10	U	100			NA	58			NA	190	
1,1,2,2-Tetrachloroethane	10	U	10	U		NA	10	U		NA	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA	10	U		NA	10	U
1,1,2-Trichloroethane	10	U	10	U		NA	4	J		NA	10	U
1,1-Dichloroethane	340		32			NA	59			NA	36	
1,1-Dichloroethene	0.9	U	76			NA	70			NA	120	
1,2,4-Trichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2-Dibromo-3-chloropropane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dibromoethane	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,2-Dichloroethane	5	J	10	U		NA	3	J		NA	10	U
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	10	U	10	U		NA	10	U		NA	10	U
1,3-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,4-Dichlorobenzene	10	U	10	U		NA	10	U		NA	10	U
1,4-Dioxane	100	J	100	UJ		NA	480	J		NA	100	UJ
2-Butanone	10	U	10	UJ		NA	10	UJ		NA	10	UJ
2-Hexanone	10	U	10	UJ		NA	10	UJ		NA	10	UJ
4-Methyl-2-Pentanone	10	U	10	U		NA	10	U		NA	10	U
Acetone	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
Benzene	160		10	U		NA	6	J		NA	10	U
Bromodichloromethane	10	U	10	U		NA	10	U		NA	10	U
Bromoform	10	U	10	U		NA	10	U		NA	10	U
Bromomethane	10	U	10	U		NA	10	U		NA	10	U
Carbon Disulfide	10	U	10	U		NA	10	U		NA	10	U
Carbon Tetrachloride	10	U	10	U		NA	10	U		NA	10	U
Chlorobenzene	2	J	10	U		NA	150			NA	10	U
Chloroethane	380		10	U		NA	3	J		NA	10	U
Chloroform	10	U	10	U		NA	21			NA	10	U
Chloromethane	10	U	10	U		NA	10	U		NA	10	U
cis-1,2-Dichloroethene	10	U	40			NA	370	*		NA	60	
cis-1,3-Dichloropropene	10	U	10	U		NA	10	U		NA	10	U
Cyclohexane	30		10	U		NA	10	U		NA	10	U
Dibromochloromethane	10	U	10	U		NA	10	U		NA	10	U
Dichlorodifluoromethane	10	UJ	10	U		NA	10	UJ		NA	10	U
Ethylbenzene	10	U	10	U		NA	10	U		NA	10	U
Isopropylbenzene	10	U	10	U		NA	10	U		NA	10	U
Methyl Acetate	10	U	10	U		NA	10	U		NA	10	U
Methyl tert-Butyl Ether	10	U	10	U		NA	10	U		NA	2	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
Methylcyclohexane	11		10	U		NA	10	U		NA	10	U
Methylene Chloride	10	U	10	U		NA	55	J		NA	10	U
Styrene	10	U	10	U		NA	10	U		NA	10	U
Tetrachloroethene	10	U	10	U		NA	19			NA	10	U
Toluene	10	U	10	U		NA	10	U		NA	10	U
Total Xylenes	10	U	10	U		NA	1	J		NA	10	U
trans-1,2-Dichloroethene	1	J	10	U		NA	1	J		NA	10	U
trans-1,3-Dichloropropene	10	U	10	U		NA	10	U		NA	10	U
Trichloroethene	10	U	61			NA	4700	*		NA	130	
Trichlorofluoromethane	10	U	10	U		NA	10	U		NA	10	U
Vinyl Chloride	4		1	U		NA	67			NA	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA		NA		NA	10.0	U		NA		NA
Ethene		NA		NA		NA	10.0	U		NA		NA
Methane		NA		NA		NA	520			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane		NA		NA	103			NA	211			NA
1,1-Dichloroethene		NA		NA	72			NA	110			NA
Benzene		NA		NA	0.5	U		NA	16	U		NA
Chlorobenzene		NA		NA	5	U		NA	150	U		NA
cis-1,2-Dichloroethene		NA		NA	32			NA	2.1			NA
Tetrachloroethene		NA		NA	0.5	U		NA	15	U		NA
Toluene		NA		NA	1	U		NA	30	U		NA
Trichloroethene		NA		NA	43			NA	124			NA
Vinyl Chloride		NA		NA	0.1	U		NA	0.1	U		NA
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl	10	U	10	U		NA	10	U		NA	10	U
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA	10	U		NA	10	U
2,4,5-Trichlorophenol	25	U	25	U		NA	25	U		NA	25	U
2,4,6-Trichlorophenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dichlorophenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dimethylphenol	10	U	10	U		NA	10	U		NA	10	U
2,4-Dinitrophenol	25	U	25	UJ		NA	25	U		NA	25	U
2,4-Dinitrotoluene	10	U	10	U		NA	10	U		NA	10	U
2,6-Dinitrotoluene	10	U	10	U		NA	10	U		NA	10	U
2-Chloronaphthalene	10	U	10	U		NA	10	U		NA	10	U
2-Chlorophenol	10	U	10	U		NA	10	U		NA	10	U
2-Methylnaphthalene	10	U	10	U		NA	10	U		NA	10	U
2-Methylphenol	10	U	10	U		NA	10	U		NA	10	U
2-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
2-Nitrophenol	10	U	10	U		NA	15			NA	10	U
3,3'-Dichlorobenzidine	10	U	10	U		NA	10	U		NA	10	U
3-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U
4,6-Dinitro-2-methylphenol	25	U	25	U		NA	25	U		NA	25	U
4-Bromophenyl-phenylether	10	U	10	U		NA	10	U		NA	10	U
4-Chloro-3-methylphenol	10	U	10	U		NA	10	U		NA	10	U
4-Chloroaniline	10	UJ	10	UJ		NA	10	U		NA	10	UJ
4-Chlorophenyl-phenylether	10	U	10	U		NA	10	U		NA	10	U
4-Methylphenol	10	U	10	U		NA	10	U		NA	10	U
4-Nitroaniline	25	U	25	U		NA	25	U		NA	25	U
4-Nitrophenol	25	U	25	U		NA	390	*		NA	25	U
Acenaphthene	10	U	10	U		NA	10	U		NA	10	U
Acenaphthylene	10	U	10	U		NA	10	U		NA	10	U
Acetophenone	10	U	10	U		NA	10	U		NA	10	U
Anthracene	10	U	10	U		NA	10	U		NA	10	U
Atrazine	10	U	10	U		NA	10	U		NA	10	U
Benzaldehyde	10	UJ	10	UJ		NA	10	UJ		NA	10	UJ
Benzo(a)anthracene	10	U	10	U		NA	10	U		NA	10	U
Benzo(a)pyrene	10	U	10	U		NA	10	UJ		NA	10	U
Benzo(b)fluoranthene	10	U	10	U		NA	10	UJ		NA	10	U
Benzo(g,h,i)perylene	10	U	10	UJ		NA	10	UJ		NA	10	U
Benzo(k)fluoranthene	10	U	10	U		NA	10	UJ		NA	10	U
Bis(2-Chloroethoxy)methane	10	U	10	U		NA	10	U		NA	10	U
Bis(2-Chloroethyl)ether	10	U	10	U		NA	10	U		NA	10	U
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA	10	U		NA	10	U
Butylbenzylphthalate	10	U	10	U		NA	10	U		NA	10	U
Caprolactam	10	U	10	U		NA	34			NA	10	U
Carbazole	10	U	10	U		NA	10	U		NA	10	U
Chrysene	10	U	10	U		NA	10	U		NA	10	U
Dibenzo(a,h)anthracene	10	U	10	U		NA	10	UJ		NA	10	U
Dibenzofuran	10	U	10	U		NA	10	U		NA	10	U
Diethylphthalate	10	U	10	U		NA	10	U		NA	10	U
Dimethylphthalate	10	U	10	U		NA	10	U		NA	10	U
Di-n-Butylphthalate	10	U	10	U		NA	10	U		NA	10	U
Di-n-octylphthalate	10	U	10	UJ		NA	10	UJ		NA	10	U
Fluoranthene	10	U	10	U		NA	10	U		NA	10	U
Fluorene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorobenzene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorobutadiene	10	U	10	U		NA	10	U		NA	10	U
Hexachlorocyclopentadiene	10	U	10	UJ		NA	10	U		NA	10	UJ

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
Hexachloroethane	10	U	10	U		NA	10	U		NA	10	U
Indeno(1,2,3-cd)pyrene	10	U	10	UJ		NA	10	UJ		NA	10	U
Isophorone	10	U	10	U		NA	10	U		NA	10	U
Naphthalene	10	U	10	U		NA	10	U		NA	10	U
Nitrobenzene	10	U	10	U		NA	10	U		NA	10	U
N-Nitroso-di-n-propylamine	10	U	10	U		NA	10	U		NA	10	U
N-Nitroso-diphenylamine	10	U	10	U		NA	10	U		NA	10	U
Pentachlorophenol	25	U	25	U		NA	25	U		NA	25	U
Phenanthrene	10	U	10	U		NA	10	U		NA	10	U
Phenol	10	U	10	U		NA	10	U		NA	10	U
Pyrene	10	U	10	U		NA	10	U		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(a)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(b)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Benzo(k)fluoranthene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Chrysene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Phenanthrene	0.20	U	0.20	U		NA	0.20	U		NA	0.20	U
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
4,4'-DDE	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
4,4'-DDT	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Aldrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
alpha-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
alpha-Chlordane	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1221	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1232	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1242	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1248	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
Aroclor-1254	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1260	0.25	U	0.25	U		NA	0.25	U		NA	0.25	U
Aroclor-1262	0.28	U	0.28	U		NA	0.28	U		NA	0.28	U
Aroclor-1268	1.0	U	1.0	U		NA	1.0	U		NA	1.0	U
beta-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
delta-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
Dieldrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endosulfan I	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endosulfan II	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endosulfan Sulfate	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endrin	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Endrin Aldehyde	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Endrin Ketone	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
gamma-BHC	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
gamma-Chlordane	0.050	U	0.050	U		NA	0.050	U		NA	0.050	U
Heptachlor	0.020	U	0.020	U		NA	0.020	U		NA	0.020	U
Heptachlor Epoxide	0.020	U	0.020	U		NA	0.020	U		NA	0.020	U
Methoxychlor	0.50	U	0.50	U		NA	0.50	U		NA	0.50	U
Toxaphene	5.0	U	5.0	U		NA	5.0	U		NA	5.0	U
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD	2.1	J	5.7	U		NA	6.1	U		NA	4.3	U
1,2,3,4,6,7,8-HpCDF	2.9	U	3.2	U		NA	3.5	U		NA	2.3	U
1,2,3,4,7,8,9-HpCDF	2.6	J	3.9	U		NA	4.3	U		NA	2.9	U
1,2,3,4,7,8-HxCDD	3.3	EMPC	3.3	U		NA	3.6	U		NA	2.5	U
1,2,3,4,7,8-HxCDF	3.7	U	2.1	U		NA	2.4	U		NA	1.6	U
1,2,3,6,7,8-HxCDD	3.1	J	3.2	U		NA	3.5	U		NA	2.4	U
1,2,3,6,7,8-HxCDF	3.8	U	2.0	U		NA	2.3	U		NA	1.6	U
1,2,3,7,8,9-HxCDD	3.0	J	3.2	U		NA	3.4	U		NA	2.4	U
1,2,3,7,8,9-HxCDF	3.9	U	2.7	U		NA	3.0	U		NA	2.1	U
1,2,3,7,8-PeCDD	3.5	J	3.4	U		NA	3.3	U		NA	6.8	EMPC
1,2,3,7,8-PeCDF	6.1	UEMPC	2.2	U		NA	2.0	U		NA	1.6	U
2,3,4,6,7,8-HxCDF	3.4	U	2.2	U		NA	2.5	U		NA	1.7	U
2,3,4,7,8-PeCDF	4.6	U	2.2	U		NA	2.1	U		NA	1.6	U
2,3,7,8-TCDD	2.7	J	3.0	U		NA	2.8	U		NA	2.1	U
2,3,7,8-TCDF	1.8	J	2.4	U		NA	2.3	U		NA	1.6	U
OCDD	7.3	U	49.3	J		NA	11.0	U		NA	13.0	EMPC
OCDF	5.2	J	5.9	U		NA	7.9	U		NA	4.7	U
Total HpCDD	2.1	J	5.7	UJ		NA	6.1	UJ		NA	4.3	UJ
Total HpCDF	5.5	UJ	3.5	UJ		NA	3.9	UJ		NA	2.6	UJ
Total HxCDD	9.4	EMPC	3.2	UJ		NA	3.5	UJ		NA	2.4	UJ
Total HxCDF	14.7	UJ	2.2	UJ		NA	2.5	UJ		NA	1.7	UJ
Total PeCDD	3.5	J	3.4	UJ		NA	3.3	UJ		NA	6.8	EMPC
Total PeCDF	10.7	UJEMP	2.2	UJ		NA	2.0	UJ		NA	1.6	UJ
Total TCDD	2.7	J	3.0	UJ		NA	2.8	UJ		NA	2.1	UJ
Total TCDF	1.8	J	2.4	UJ		NA	2.3	UJ		NA	1.6	UJ
Toxicity Equivalency	7.4	J	0.0049	J		NA	0.00	U		NA	6.8	J

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-522S-07		OU2-MW-523S-07		OU2-GW-523S-07		OU2-MW-524B-07		OU2-GW-525S-07		OU2-MW-525S-07	
Sample Location	MW-522S		MW-523S		MW-523S		MW-524B		MW-525S		MW-525S	
Date Sampled	12/18/2002		1/8/2003		1/8/2003		1/17/2003		1/8/2003		1/8/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum	48.3	U	92.8	U		NA	10.1	U		NA	52.1	U
Antimony	3.7	U	2.3	U		NA	3.5	U		NA	2.3	U
Arsenic	28.3		4.8	U		NA	2.3	U		NA	4.8	U
Barium	84.4		57.3			NA	45.9	UJ		NA	32.3	
Beryllium	0.13	UJ	0.10	U		NA	1.1	U		NA	0.10	U
Cadmium	0.40	U	0.30	U		NA	0.50	UJ		NA	0.30	U
Calcium	72400		31100			NA	310000			NA	19000	
Chromium	0.60	U	0.60	U		NA	0.50	U		NA	0.60	U
Cobalt	1.4	U	1.8	J		NA	1.2	U		NA	1.0	U
Copper	1.4	U	0.60	UJ		NA	0.80	UJ		NA	0.60	U
Cyanide		NA		NA		NA	3.0	UJ		NA		NA
Iron	24000		528			NA	19.5	U		NA	18.7	U
Lead	2.3	U	2.2	UJ		NA	1.5	U		NA	2.2	UJ
Magnesium	15000		7860			NA	66900			NA	8770	
Manganese	2340	J	1140			NA	97.8	J		NA	5.6	U
Mercury	0.10	U	0.10	U		NA	0.10	U		NA	0.10	U
Nickel	1.5	J	1.9	J		NA	2.6	J		NA	1.4	J
Potassium	10600		4820			NA	10400	J		NA	3330	
Selenium	3.3	U	4.8	U		NA	2.2	UJ		NA	4.8	U
Silver	0.70	U	0.60	U		NA	0.80	UJ		NA	0.60	U
Sodium	81400		44100			NA	96100			NA	44600	
Thallium	5.1	U	4.7	UJ		NA	4.0	UJ		NA	4.7	U
Vanadium	0.70	U	0.50	U		NA	0.80	UJ		NA	0.50	U
Zinc	5.4	U	1.4	U		NA	12.0	UJ		NA	1.4	U
Wet Chemistry Analysis												
Alkalinity		NA		NA		NA	220			NA		NA
Carbon Dioxide		NA		NA		NA	237			NA		NA
Chloride		NA		NA		NA	81.5			NA		NA
Ferrous Iron		NA		NA		NA	0.040	J		NA		NA
Nitrate		NA		NA		NA	40.4			NA		NA
Nitrite-N		NA		NA		NA	0.060			NA		NA
Sulfate		NA		NA		NA	28.9			NA		NA
Sulfide		NA		NA		NA	0.88			NA		NA
Total Organic Carbon		NA		NA		NA	8.64			NA		NA

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Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)												
1,1,1-Trichloroethane		NA	150			NA	46		10	U		NA
1,1,2,2-Tetrachloroethane		NA	10	U		NA	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA	10	U		NA	10	U	10	U		NA
1,1,2-Trichloroethane		NA	10	U		NA	10	U	10	U		NA
1,1-Dichloroethane		NA	61			NA	60		10	U		NA
1,1-Dichloroethene		NA	130			NA	59		0.9	U		NA
1,2,4-Trichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,2-Dibromo-3-chloropropane		NA	10	U		NA	10	U	10	U		NA
1,2-Dibromoethane		NA	10	U		NA	10	U	10	U		NA
1,2-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,2-Dichloroethane		NA	10	U		NA	10	U	10	U		NA
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA		NA
1,2-Dichloropropane		NA	10	U		NA	10	U	10	U		NA
1,3-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,4-Dichlorobenzene		NA	10	U		NA	10	U	10	U		NA
1,4-Dioxane		NA	100	UJ		NA	100	UJ	100	UJ		NA
2-Butanone		NA	10	U		NA	10	U	10	U		NA
2-Hexanone		NA	10	U		NA	10	U	10	U		NA
4-Methyl-2-Pentanone		NA	10	U		NA	10	U	10	U		NA
Acetone		NA	10	U		NA	10	UJ	10	UJ		NA
Benzene		NA	10	U		NA	10	U	10	U		NA
Bromodichloromethane		NA	10	U		NA	10	U	10	U		NA
Bromoform		NA	10	U		NA	10	U	10	U		NA
Bromomethane		NA	10	U		NA	10	U	10	U		NA
Carbon Disulfide		NA	10	U		NA	10	U	10	U		NA
Carbon Tetrachloride		NA	10	U		NA	10	U	10	U		NA
Chlorobenzene		NA	10	U		NA	1	J	10	U		NA
Chloroethane		NA	10	U		NA	10	U	10	U		NA
Chloroform		NA	10	U		NA	10	U	10	U		NA
Chloromethane		NA	10	U		NA	10	U	10	U		NA
cis-1,2-Dichloroethene		NA	68			NA	45		10	U		NA
cis-1,3-Dichloropropene		NA	10	U		NA	10	U	10	U		NA
Cyclohexane		NA	10	U		NA	10	U	10	U		NA
Dibromochloromethane		NA	10	U		NA	10	U	10	U		NA
Dichlorodifluoromethane		NA	10	UJ		NA	10	U	10	U		NA
Ethylbenzene		NA	10	U		NA	10	U	10	U		NA
Isopropylbenzene		NA	10	U		NA	10	U	10	U		NA
Methyl Acetate		NA	10	U		NA	10	U	10	U		NA
Methyl tert-Butyl Ether		NA	1	J		NA	63		10	U		NA

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Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane		NA	10	U		NA	10	U	10	U		NA
Methylene Chloride		NA	10	UJ		NA	10	UJ	10	U		NA
Styrene		NA	10	U		NA	10	U	10	U		NA
Tetrachloroethene		NA	10	U		NA	10	U	10	U		NA
Toluene		NA	10	U		NA	10	U	10	U		NA
Total Xylenes		NA	10	U		NA	10	U	10	U		NA
trans-1,2-Dichloroethene		NA	10	U		NA	10	U	10	U		NA
trans-1,3-Dichloropropene		NA	10	U		NA	10	U	10	U		NA
Trichloroethene		NA	84			NA	25		10	U		NA
Trichlorofluoromethane		NA	10	UJ		NA	10	U	10	U		NA
Vinyl Chloride		NA	1	U		NA	2		1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)												
Ethane		NA	10.0	U		NA	13.0			NA		NA
Ethene		NA	10.0	U		NA	10.0	U		NA		NA
Methane		NA	5.0	U		NA	340			NA		NA
Volatile Organic Screening Analysis (UG/L)												
1,1,1-Trichloroethane	187			NA	15			NA		NA	0.5	U
1,1-Dichloroethene	150			NA	17			NA		NA	0.5	U
Benzene	15	U		NA	0.5	U		NA		NA	0.5	U
Chlorobenzene	150	U		NA	5	U		NA		NA	5	U
cis-1,2-Dichloroethene	71			NA	20			NA		NA	1	U
Tetrachloroethene	16	U		NA	0.5	U		NA		NA	0.5	U
Toluene	30	U		NA	1	U		NA		NA	1	U
Trichloroethene	88			NA	9			NA		NA	0.5	U
Vinyl Chloride	0.1	U		NA	0.4	U		NA		NA	0.1	U
Semivolatile Organic Analysis (UG/L)												
1,1'-Biphenyl		NA	10	U		NA	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)		NA	10	U		NA	10	U	10	U		NA
2,4,5-Trichlorophenol		NA	25	U		NA	25	U	25	U		NA
2,4,6-Trichlorophenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dichlorophenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dimethylphenol		NA	10	U		NA	10	U	10	U		NA
2,4-Dinitrophenol		NA	25	U		NA	25	U	25	U		NA
2,4-Dinitrotoluene		NA	10	U		NA	10	U	10	U		NA
2,6-Dinitrotoluene		NA	10	U		NA	10	U	10	U		NA
2-Chloronaphthalene		NA	10	U		NA	10	U	10	U		NA
2-Chlorophenol		NA	10	U		NA	10	U	10	U		NA
2-Methylnaphthalene		NA	10	U		NA	10	U	10	U		NA
2-Methylphenol		NA	10	U		NA	10	U	10	U		NA
2-Nitroaniline		NA	25	U		NA	25	U	25	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
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Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol		NA	10	U		NA	10	U	10	U		NA
3,3'-Dichlorobenzidine		NA	10	U		NA	10	U	10	U		NA
3-Nitroaniline		NA	25	U		NA	25	U	25	U		NA
4,6-Dinitro-2-methylphenol		NA	25	U		NA	25	U	25	U		NA
4-Bromophenyl-phenylether		NA	10	U		NA	10	U	10	U		NA
4-Chloro-3-methylphenol		NA	10	U		NA	10	U	10	U		NA
4-Chloroaniline		NA	10	UJ		NA	10	UJ	10	UJ		NA
4-Chlorophenyl-phenylether		NA	10	U		NA	10	U	10	U		NA
4-Methylphenol		NA	10	U		NA	10	U	10	U		NA
4-Nitroaniline		NA	25	U		NA	25	U	25	U		NA
4-Nitrophenol		NA	25	U		NA	25	U	25	U		NA
Acenaphthene		NA	10	U		NA	10	U	10	U		NA
Acenaphthylene		NA	10	U		NA	10	U	10	U		NA
Acetophenone		NA	10	U		NA	10	U	10	U		NA
Anthracene		NA	10	U		NA	10	U	10	U		NA
Atrazine		NA	10	U		NA	10	U	10	U		NA
Benzaldehyde		NA	10	UJ		NA	10	UJ	10	UJ		NA
Benzo(a)anthracene		NA	10	U		NA	10	U	10	U		NA
Benzo(a)pyrene		NA	10	U		NA	10	U	10	U		NA
Benzo(b)fluoranthene		NA	10	U		NA	10	U	10	U		NA
Benzo(g,h,i)perylene		NA	10	U		NA	10	U	10	U		NA
Benzo(k)fluoranthene		NA	10	U		NA	10	U	10	U		NA
Bis(2-Chloroethoxy)methane		NA	10	U		NA	10	U	10	U		NA
Bis(2-Chloroethyl)ether		NA	10	U		NA	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate		NA	10	U		NA	10	U	10	U		NA
Butylbenzylphthalate		NA	10	U		NA	10	U	10	U		NA
Caprolactam		NA	10	U		NA	10	U	10	U		NA
Carbazole		NA	10	U		NA	10	U	10	U		NA
Chrysene		NA	10	U		NA	10	U	10	U		NA
Dibenzo(a,h)anthracene		NA	10	U		NA	10	U	10	U		NA
Dibenzofuran		NA	10	U		NA	10	U	10	U		NA
Diethylphthalate		NA	10	U		NA	10	U	10	U		NA
Dimethylphthalate		NA	10	U		NA	10	U	10	U		NA
Di-n-Butylphthalate		NA	10	U		NA	10	U	10	U		NA
Di-n-octylphthalate		NA	10	U		NA	10	U	10	U		NA
Fluoranthene		NA	10	U		NA	10	U	10	U		NA
Fluorene		NA	10	U		NA	10	U	10	U		NA
Hexachlorobenzene		NA	10	U		NA	10	U	10	U		NA
Hexachlorobutadiene		NA	10	U		NA	10	U	10	U		NA
Hexachlorocyclopentadiene		NA	10	U		NA	10	U	10	U		NA

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Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane		NA	10	U		NA	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene		NA	10	U		NA	10	U	10	U		NA
Isophorone		NA	10	U		NA	10	U	10	U		NA
Naphthalene		NA	10	U		NA	10	U	10	U		NA
Nitrobenzene		NA	10	U		NA	10	U	10	U		NA
N-Nitroso-di-n-propylamine		NA	10	U		NA	10	U	10	U		NA
N-Nitroso-diphenylamine		NA	10	U		NA	10	U	10	U		NA
Pentachlorophenol		NA	25	U		NA	25	U	25	U		NA
Phenanthrene		NA	10	U		NA	10	U	10	U		NA
Phenol		NA	10	U		NA	10	U	10	U		NA
Pyrene		NA	10	U		NA	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)												
Acenaphthylene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)anthracene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(a)pyrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(b)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Benzo(k)fluoranthene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Chrysene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Phenanthrene		NA	0.20	U		NA	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)												
4,4'-DDD		NA	0.10	U		NA	0.10	U	0.10	U		NA
4,4'-DDE		NA	0.10	U		NA	0.10	U	0.10	U		NA
4,4'-DDT		NA	0.10	U		NA	0.10	U	0.10	U		NA
Aldrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
alpha-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
alpha-Chlordane		NA	0.050	U		NA	0.050	U	0.050	U		NA
Aroclor, Total		NA		NA		NA		NA		NA		NA
Aroclor-1016		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1221		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1232		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1242		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1248		NA	1.0	U		NA	1.0	U	1.0	U		NA
Aroclor-1254		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1260		NA	0.25	U		NA	0.25	U	0.25	U		NA
Aroclor-1262		NA	0.28	U		NA	0.28	U	0.28	U		NA
Aroclor-1268		NA	1.0	U		NA	1.0	U	1.0	U		NA
beta-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
delta-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA

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Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endosulfan I		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endosulfan II		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endosulfan Sulfate		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endrin		NA	0.050	U		NA	0.050	U	0.050	U		NA
Endrin Aldehyde		NA	0.10	U		NA	0.10	U	0.10	U		NA
Endrin Ketone		NA	0.10	U		NA	0.10	U	0.10	U		NA
gamma-BHC		NA	0.050	U		NA	0.050	U	0.050	U		NA
gamma-Chlordane		NA	0.050	U		NA	0.050	U	0.050	U		NA
Heptachlor		NA	0.020	U		NA	0.020	U	0.020	U		NA
Heptachlor Epoxide		NA	0.020	U		NA	0.020	U	0.020	U		NA
Methoxychlor		NA	0.50	U		NA	0.50	U	0.50	U		NA
Toxaphene		NA	5.0	U		NA	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)												
1,2,3,4,6,7,8-HpCDD		NA	7.0	U		NA	3.2	U	2.1	U		NA
1,2,3,4,6,7,8-HpCDF		NA	3.7	U		NA	1.7	U	1.1	U		NA
1,2,3,4,7,8,9-HpCDF		NA	4.6	U		NA	2.1	U	1.5	U		NA
1,2,3,4,7,8-HxCDD		NA	3.9	U		NA	1.8	U	1.2	U		NA
1,2,3,4,7,8-HxCDF		NA	2.5	U		NA	1.2	U	2.4	U		NA
1,2,3,6,7,8-HxCDD		NA	3.8	U		NA	1.8	U	1.1	U		NA
1,2,3,6,7,8-HxCDF		NA	2.4	U		NA	1.1	U	1.7	U		NA
1,2,3,7,8,9-HxCDD		NA	3.7	U		NA	1.7	U	2.3	J		NA
1,2,3,7,8,9-HxCDF		NA	3.1	U		NA	1.5	U	1.8	U		NA
1,2,3,7,8-PeCDD		NA	3.7	U		NA	1.8	U	3.0	J		NA
1,2,3,7,8-PeCDF		NA	2.3	U		NA	1.1	U	0.90	U		NA
2,3,4,6,7,8-HxCDF		NA	2.6	U		NA	1.2	U	1.7	U		NA
2,3,4,7,8-PeCDF		NA	2.4	U		NA	1.2	U	2.3	UEMPC		NA
2,3,7,8-TCDD		NA	3.3	U		NA	1.7	U	1.4	U		NA
2,3,7,8-TCDF		NA	2.7	U		NA	1.3	U	0.80	U		NA
OCDD		NA	11.1	U		NA	4.8	U	13.6	U		NA
OCDF		NA	8.1	U		NA	3.4	U	3.5	U		NA
Total HpCDD		NA	7.0	UJ		NA	3.2	UJ	2.1	UJ		NA
Total HpCDF		NA	4.1	UJ		NA	1.9	UJ	1.3	UJ		NA
Total HxCDD		NA	3.8	UJ		NA	1.8	UJ	10.1	UEMPC		NA
Total HxCDF		NA	2.6	UJ		NA	1.3	UJ	7.6	UJ		NA
Total PeCDD		NA	3.7	UJ		NA	1.8	UJ	9.7	UEMPC		NA
Total PeCDF		NA	2.4	UJ		NA	1.2	UJ	2.3	UEMPC		NA
Total TCDD		NA	3.3	UJ		NA	1.7	UJ	1.4	UJ		NA
Total TCDF		NA	2.7	UJ		NA	1.3	UJ	0.80	UJ		NA
Toxicity Equivalency		NA	0.00	U		NA	0.00	U	3.2	J		NA

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-GW-526S-07		OU2-MW-526S-07		OU2-GW-527S-07		OU2-MW-527S-07		OU2-MW-528S-07		OU2-GW-528S-07	
Sample Location	MW-526S		MW-526S		MW-527S		MW-527S		MW-528S		MW-528S	
Date Sampled	1/8/2003		1/9/2003		1/9/2003		1/9/2003		1/6/2003		1/6/2003	
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier	None		None		None		None		None		None	
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)												
Aluminum		NA	64.8	U		NA	54.0	U	73.5	U		NA
Antimony		NA	2.3	U		NA	3.3	UJ	2.3	U		NA
Arsenic		NA	4.8	U		NA	5.1	J	4.8	U		NA
Barium		NA	61.8			NA	73.1		12.4			NA
Beryllium		NA	0.10	U		NA	0.10	U	0.10	U		NA
Cadmium		NA	0.30	U		NA	0.30	U	0.30	U		NA
Calcium		NA	46800			NA	95300		108000			NA
Chromium		NA	0.60	U		NA	1.1	J	0.65	J		NA
Cobalt		NA	1.2	UJ		NA	7.9		13.5			NA
Copper		NA	0.60	U		NA	0.60	U	1.9			NA
Cyanide		NA		NA		NA		NA		NA		NA
Iron		NA	56.0	U		NA	1060		2170			NA
Lead		NA	2.2	UJ		NA	2.2	UJ	2.2	UJ		NA
Magnesium		NA	13600			NA	19700		9720			NA
Manganese		NA	94.0			NA	5600		2050			NA
Mercury		NA	0.10	U		NA	0.10	U	0.10	U		NA
Nickel		NA	1.1	U		NA	3.3		2.4			NA
Potassium		NA	5910	J		NA	8680	J	5370			NA
Selenium		NA	4.8	U		NA	4.8	U	4.8	U		NA
Silver		NA	0.60	U		NA	0.87	J	0.60	U		NA
Sodium		NA	85000			NA	189000		4780			NA
Thallium		NA	4.9	UJ		NA	4.7	U	4.7	U		NA
Vanadium		NA	0.50	U		NA	0.50	U	0.50	U		NA
Zinc		NA	1.4	U		NA	5.0	U	3.7			NA
Wet Chemistry Analysis												
Alkalinity		NA	66.0	J		NA	148	J		NA		NA
Carbon Dioxide		NA	81.5	J		NA	189	J		NA		NA
Chloride		NA	147			NA	293			NA		NA
Ferrous Iron		NA	0.030	U		NA	0.95			NA		NA
Nitrate		NA	5.89			NA	1.06			NA		NA
Nitrite-N		NA	0.050	UJ		NA	0.050	UJ		NA		NA
Sulfate		NA	68.7			NA	143			NA		NA
Sulfide		NA	0.50	UJ		NA	0.50	UJ		NA		NA
Total Organic Carbon		NA	4.81			NA	9.09			NA		NA

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Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	10	U	10	U	10	U		NA	10	U	10
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U		NA	10	U	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U	10	U		NA	10	U	10
1,1,2-Trichloroethane	10	U	10	U	10	U		NA	10	U	10
1,1-Dichloroethane	190		190		190			NA	10	U	10
1,1-Dichloroethene	5		5		5			NA	0.9	U	0.9
1,2,4-Trichlorobenzene	10	U	10	U	10	UJ		NA	10	U	10
1,2-Dibromo-3-chloropropane	10	U	10	U	10	U		NA	10	U	10
1,2-Dibromoethane	10	U	10	U	10	U		NA	10	U	10
1,2-Dichlorobenzene	10	U	10	U	10	UJ		NA	10	U	10
1,2-Dichloroethane	10	U	10	U	10	U		NA	10	U	10
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
1,2-Dichloropropane	10	U	10	U	10	U		NA	10	U	10
1,3-Dichlorobenzene	10	U	10	U	10	UJ		NA	10	U	10
1,4-Dichlorobenzene	10	U	10	U	10	UJ		NA	10	U	10
1,4-Dioxane		NA	280	J	280	J		NA	100	UJ	100
2-Butanone	10	UJ	10	UJ	10	UJ		NA	10	U	10
2-Hexanone	10	UJ	10	UJ	10	UJ		NA	10	U	10
4-Methyl-2-Pentanone	10	U	10	U	10	U		NA	10	U	10
Acetone	10	UJ	10	UJ	10	UJ		NA	10	U	10
Benzene	2		2	J	2	J		NA	10	U	10
Bromodichloromethane	10	U	10	U	10	U		NA	10	U	10
Bromoform	10	U	10	U	10	U		NA	10	U	10
Bromomethane	10	U	10	U	10	U		NA	10	U	10
Carbon Disulfide	10	U	10	U	10	U		NA	10	U	10
Carbon Tetrachloride	10	U	10	U	10	U		NA	10	U	10
Chlorobenzene	68		72		65	J		NA	10	U	10
Chloroethane	10	U	10	U	10	U		NA	10	U	10
Chloroform	10	U	10	U	10	U		NA	10	U	10
Chloromethane	10	U	10	U	10	U		NA	10	U	10
cis-1,2-Dichloroethene	390		400		380			NA	10	U	10
cis-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U	10
Cyclohexane	10	U	10	U	10	U		NA	10	U	10
Dibromochloromethane	10	U	10	U	10	U		NA	10	U	10
Dichlorodifluoromethane	10	U	10	U	10	U		NA	10	UJ	10
Ethylbenzene	10	U	10	U	10	UJ		NA	10	U	10
Isopropylbenzene	10	U	10	U	10	UJ		NA	10	U	10
Methyl Acetate	10	U	10	U	10	U		NA	10	U	10
Methyl tert-Butyl Ether	10	U	10	U	10	U		NA	10	U	4

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane	10	U	10	U	10	U		NA	10	U	10
Methylene Chloride	10	U	10	U	10	U		NA	10	UJ	10
Styrene	10	U	10	U	10	UJ		NA	10	U	10
Tetrachloroethene	10	U	10	U	10	U		NA	10	U	10
Toluene	2		2	J	1	J		NA	10	U	10
Total Xylenes	10	U	10	U	10	UJ		NA	10	U	10
trans-1,2-Dichloroethene	1		1	J	1	J		NA	10	U	10
trans-1,3-Dichloropropene	10	U	10	U	10	U		NA	10	U	10
Trichloroethene	1		1	J	1	J		NA	10	U	10
Trichlorofluoromethane	10	U	10	U	10	U		NA	10	UJ	10
Vinyl Chloride	160		170		160			NA	1	U	1
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	12.0		12.0		12.0			NA		NA	
Ethene	33.0		33.0		33.0			NA		NA	
Methane	515		510		520			NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA	1.9			NA	
1,1-Dichloroethene		NA		NA		NA	3.1			NA	
Benzene		NA		NA		NA	1.6			NA	
Chlorobenzene		NA		NA		NA	72			NA	
cis-1,2-Dichloroethene		NA		NA		NA	484			NA	
Tetrachloroethene		NA		NA		NA	0.5	U		NA	
Toluene		NA		NA		NA	1.5			NA	
Trichloroethene		NA		NA		NA	4.1			NA	
Vinyl Chloride		NA		NA		NA	157			NA	
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U	10	U	10	U		NA	10	U	10
2,2'-oxybis(1-Chloropropane)	10	U	10	U	10	U		NA	10	U	10
2,4,5-Trichlorophenol	25	U	25	U	25	U		NA	25	U	25
2,4,6-Trichlorophenol	10	U	10	U	10	U		NA	10	U	10
2,4-Dichlorophenol	10	U	10	U	10	U		NA	10	U	10
2,4-Dimethylphenol	10	U	10	U	10	U		NA	10	U	10
2,4-Dinitrophenol	25	U	25	U	25	U		NA	25	UJ	25
2,4-Dinitrotoluene	10	U	10	U	10	U		NA	10	U	10
2,6-Dinitrotoluene	10	U	10	U	10	U		NA	10	U	10
2-Chloronaphthalene	10	U	10	U	10	U		NA	10	U	10
2-Chlorophenol	10	U	10	U	10	U		NA	10	U	10
2-Methylnaphthalene	10	U	10	U	10	U		NA	10	U	10
2-Methylphenol	10	U	10	U	10	U		NA	10	U	10
2-Nitroaniline	25	U	25	U	25	U		NA	25	U	25

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2-Nitrophenol	10	U	10	U	10	U		NA	10	U	10
3,3'-Dichlorobenzidine	10	U	10	U	10	U		NA	10	U	10
3-Nitroaniline	25	U	25	U	25	U		NA	25	U	25
4,6-Dinitro-2-methylphenol	25	U	25	U	25	U		NA	25	U	25
4-Bromophenyl-phenylether	10	U	10	U	10	U		NA	10	U	10
4-Chloro-3-methylphenol	10	U	10	U	10	U		NA	10	U	10
4-Chloroaniline	10	UJ	10	UJ	10	UJ		NA	10	UJ	10
4-Chlorophenyl-phenylether	10	U	10	U	10	U		NA	10	U	10
4-Methylphenol	10	U	10	U	10	U		NA	10	U	10
4-Nitroaniline	25	U	25	U	25	U		NA	25	U	25
4-Nitrophenol	25	U	25	U	25	U		NA	25	U	25
Acenaphthene	10	U	10	U	10	U		NA	10	U	10
Acenaphthylene	10	U	10	U	10	U		NA	10	U	10
Acetophenone	10	U	10	U	10	U		NA	10	U	10
Anthracene	10	U	10	U	10	U		NA	10	U	10
Atrazine	10	U	10	U	10	U		NA	10	U	10
Benzaldehyde	10	UJ	10	UJ	10	UJ		NA	10	UJ	10
Benzo(a)anthracene	10	U	10	U	10	U		NA	10	U	10
Benzo(a)pyrene	10	U	10	U	10	U		NA	10	U	10
Benzo(b)fluoranthene	10	U	10	U	10	U		NA	10	U	10
Benzo(g,h,i)perylene	10	U	10	U	10	U		NA	10	UJ	10
Benzo(k)fluoranthene	10	U	10	U	10	U		NA	10	U	10
Bis(2-Chloroethoxy)methane	10	U	10	U	10	U		NA	10	U	10
Bis(2-Chloroethyl)ether	10	U	10	U	10	U		NA	10	U	10
bis(2-Ethylhexyl)phthalate	10	U	10	U	10	U		NA	10	U	10
Butylbenzylphthalate	10	U	10	U	10	U		NA	10	U	10
Caprolactam	10	U	10	U	10	U		NA	10	U	4
Carbazole	10	U	10	U	10	U		NA	10	U	10
Chrysene	10	U	10	U	10	U		NA	10	U	10
Dibenzo(a,h)anthracene	10	U	10	U	10	U		NA	10	U	10
Dibenzofuran	10	U	10	U	10	U		NA	10	U	10
Diethylphthalate	10	U	10	U	10	U		NA	10	U	10
Dimethylphthalate	10	U	10	U	10	U		NA	10	U	10
Di-n-Butylphthalate	10	U	10	U	10	U		NA	10	U	10
Di-n-octylphthalate	10	U	10	U	10	U		NA	10	U	10
Fluoranthene	10	U	10	U	10	U		NA	10	U	10
Fluorene	10	U	10	U	10	U		NA	10	U	10
Hexachlorobenzene	10	U	10	U	10	U		NA	10	U	10
Hexachlorobutadiene	10	U	10	U	10	U		NA	10	U	10
Hexachlorocyclopentadiene	10	U	10	U	10	U		NA	10	U	10

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Hexachloroethane	10	U	10	U	10	U		NA	10	U	10
Indeno(1,2,3-cd)pyrene	10	U	10	U	10	U		NA	10	UJ	10
Isophorone	10	U	10	U	10	U		NA	10	U	10
Naphthalene	10	U	10	U	10	U		NA	10	U	10
Nitrobenzene	10	U	10	U	10	U		NA	10	U	10
N-Nitroso-di-n-propylamine	10	U	10	U	10	U		NA	10	U	10
N-Nitroso-diphenylamine	10	U	10	U	10	U		NA	10	U	10
Pentachlorophenol	25	U	25	U	25	U		NA	25	U	25
Phenanthrene	10	U	10	U	10	U		NA	10	U	10
Phenol	10	U	10	U	10	U		NA	10	U	10
Pyrene	10	U	10	U	10	U		NA	10	U	10
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Benzo(a)anthracene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Benzo(a)pyrene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Benzo(b)fluoranthene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Benzo(k)fluoranthene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Chrysene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Dibenzo(a,h)anthracene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Phenanthrene	0.20	U	0.20	U	0.20	U		NA	0.20	U	0.20
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
4,4'-DDE	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
4,4'-DDT	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
Aldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
alpha-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
alpha-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016	1.0	U	1.0	U	1.0	U		NA	1.0	U	1.0
Aroclor-1221	0.25	U	0.25	U	0.25	U		NA	0.25	U	0.25
Aroclor-1232	1.0	U	1.0	U	1.0	U		NA	1.0	U	1.0
Aroclor-1242	1.0	U	1.0	U	1.0	U		NA	1.0	U	1.0
Aroclor-1248	1.0	U	1.0	U	1.0	U		NA	1.0	U	1.0
Aroclor-1254	0.25	U	0.25	U	0.25	U		NA	0.25	U	0.25
Aroclor-1260	0.25	U	0.25	U	0.25	U		NA	0.25	U	0.25
Aroclor-1262	0.28	U	0.28	U	0.28	U		NA	0.28	U	0.28
Aroclor-1268	1.0	U	1.0	U	1.0	U		NA	1.0	U	1.0
beta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
delta-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
Endosulfan I	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
Endosulfan II	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
Endosulfan Sulfate	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
Endrin	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
Endrin Aldehyde	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
Endrin Ketone	0.10	U	0.10	U	0.10	U		NA	0.10	U	0.10
gamma-BHC	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
gamma-Chlordane	0.050	U	0.050	U	0.050	U		NA	0.050	U	0.050
Heptachlor	0.020	U	0.020	U	0.020	U		NA	0.020	U	0.020
Heptachlor Epoxide	0.020	U	0.020	U	0.020	U		NA	0.020	U	0.020
Methoxychlor	0.50	U	0.50	U	0.50	U		NA	0.50	U	0.50
Toxaphene	5.0	U	5.0	U	5.0	U		NA	5.0	U	5.0
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	2.9	UJ	2.9	UJ	2.2	UJ		NA	9.1	EMPC	3.7
1,2,3,4,6,7,8-HpCDF	1.4	UJ	1.4	UJ	1.1	UJ		NA	15.1	J	2.0
1,2,3,4,7,8,9-HpCDF	2.0	UJ	2.0	UJ	1.6	UJ		NA	2.5	U	2.7
1,2,3,4,7,8-HxCDD	1.8	UJ	1.8	UJ	1.2	UJ		NA	2.2	U	2.4
1,2,3,4,7,8-HxCDF	1.4	UJ	1.4	UJ	0.90	UJ		NA	1.4	U	1.5
1,2,3,6,7,8-HxCDD	1.7	UJ	1.7	UJ	1.2	UJ		NA	2.2	U	2.3
1,2,3,6,7,8-HxCDF	1.3	UJ	1.3	UJ	0.80	UJ		NA	1.4	U	1.4
1,2,3,7,8,9-HxCDD	1.8	UJ	1.8	UJ	1.2	UJ		NA	2.1	U	2.3
1,2,3,7,8,9-HxCDF	1.9	UJ	1.9	UJ	1.2	UJ		NA	1.8	U	1.9
1,2,3,7,8-PeCDD	3.1	UJ	3.1	UJ	1.7	UJ		NA	2.0	U	2.2
1,2,3,7,8-PeCDF	1.6	UJ	1.6	UJ	0.70	UJ		NA	1.2	U	1.3
2,3,4,6,7,8-HxCDF	1.5	UJ	1.5	UJ	1.0	UJ		NA	1.5	U	1.6
2,3,4,7,8-PeCDF	1.7	UJ	1.7	UJ	0.70	UJ		NA	1.3	U	1.4
2,3,7,8-TCDD	2.3	UJ	2.3	UJ	1.0	UJ		NA	1.6	U	1.9
2,3,7,8-TCDF	1.3	UJ	1.3	UJ	0.70	UJ		NA	1.2	U	1.5
OCDD	22.2	UJ	22.2	UJ	34.1	UJ		NA	347		5.5
OCDF	3.7	UJ	3.7	UJ	2.3	UJ		NA	96.4		4.0
Total HpCDD	2.9	UJ	2.9	UJ	2.2	UJ		NA	20.2	EMPC	3.7
Total HpCDF	1.7	UJ	1.7	UJ	1.3	UJ		NA	37.9	EMPC	2.0
Total HxCDD	2.3	UEMPC	2.3	UEMPC	6.2	UEMPC		NA	2.2	UJ	2.3
Total HxCDF	1.5	UJ	1.5	UJ	2.7	UEMPC		NA	1.5	UJ	1.6
Total PeCDD	3.1	UJ	3.1	UJ	5.2	UEMPC		NA	2.0	UJ	2.2
Total PeCDF	1.6	UJ	1.6	UJ	1.4	UJ		NA	10.0	EMPC	1.4
Total TCDD	2.3	UJ	2.3	UJ	1.7	UEMPC		NA	1.6	UJ	1.9
Total TCDF	1.3	UJ	1.3	UJ	0.70	UJ		NA	31.9	EMPC	1.5
Toxicity Equivalency	0.00	UJ	0.00	UJ	0.00	UJ		NA	0.29	J	0.020

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-529S-07-AVG		OU2-MW-529S-07		OU2-MW-DUP11-07		OU2-GW-529S-07		OU2-MW-530S-07		OU2-MW-531S-
Sample Location	MW-529S		MW-529S		MW-529S		MW-529S		MW-530S		MW-531S
Date Sampled	1/8/2003		1/8/2003		1/8/2003		1/8/2003		1/14/2003		1/15/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		Field Dup. OU2-MW-529S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)											
Aluminum	80.9	U	80.9	U	82.6	U		NA	10.1	U	10.1
Antimony	2.3	U	2.3	U	2.5	UJ		NA	3.5	U	3.5
Arsenic	41.5		39.7		43.2			NA		R	2.3
Barium	111		112		110			NA	30.3	J	26.2
Beryllium	0.10	U	0.10	U	0.10	U		NA	1.1	U	1.1
Cadmium	0.30	U	0.30	U	0.30	U		NA		R	0.50
Calcium	48700		49300		48100			NA	197000	J	240000
Chromium	0.60	U	0.60	U	0.60	U		NA	10.1	J	22.1
Cobalt	5.5		5.5		5.4			NA	8.5	J	4.3
Copper	0.60	UJ	0.60	UJ	0.60	UJ		NA	7.5	J	24.2
Cyanide	4.2		10.0	U	3.5	J		NA		NA	
Iron	17300		17600		17000			NA	307		19.5
Lead	2.2	UJ	2.2	UJ	2.2	UJ		NA	1.5	U	
Magnesium	44300		45000		43600			NA	724000		320000
Manganese	3340		3400		3280			NA	255	J	40.4
Mercury	0.10	U	0.10	U	0.10	U		NA	0.10	J	0.10
Nickel	2.3		2.4		2.2			NA	9.2	J	15.0
Potassium	9100		9140		9050			NA	228000	J	131000
Selenium	4.8	U	4.8	U	4.8	U		NA	2.2	UJ	51.4
Silver	0.60	U	0.60	U	0.60	U		NA	8.9	J	5.1
Sodium	128000		130000		127000			NA	5740000		2970000
Thallium	4.7	UJ	4.7	UJ	4.7	UJ		NA	4.0	UJ	4.0
Vanadium	0.50	U	0.50	U	0.50	U		NA	12.2	J	7.0
Zinc	2.5		2.7	J	2.3	J		NA	13.5	UJ	40.6
Wet Chemistry Analysis											
Alkalinity	153		162	J	144	J		NA		NA	
Carbon Dioxide	167		179	J	155	J		NA		NA	
Chloride	230		234		226			NA		NA	
Ferrous Iron	12.2		11.2		13.2			NA		NA	
Nitrate	3.0		2.94		3.15			NA		NA	
Nitrite-N	0.050	UJ	0.050	UJ	0.050	UJ		NA		NA	
Sulfate	106		108		103			NA		NA	
Sulfide	0.50	UJ	0.50	UJ	0.50	UJ		NA		NA	
Total Organic Carbon	8.0		6.93		9.08			NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	U	10	U	10	U	10	U	10	U		NA
1,1,2,2-Tetrachloroethane	U	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloro-1,2,2-trifluoroethane	U	10	U	10	U	10	U	10	U		NA
1,1,2-Trichloroethane	U	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethane	U	10	U	10	U	10	U	10	U		NA
1,1-Dichloroethene	U	0.9	U	0.9	U	0.9	U	0.9	U		NA
1,2,4-Trichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,2-Dibromo-3-chloropropane	U	10	U	10	U	10	U	10	U		NA
1,2-Dibromoethane	U	10	U	10	U	10	U	10	U		NA
1,2-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethane	U	10	U	10	U	10	U	10	U		NA
1,2-Dichloroethene (total)	NA		NA		NA		NA		NA		NA
1,2-Dichloropropane	U	10	U	10	U	10	U	10	U		NA
1,3-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,4-Dichlorobenzene	U	10	U	10	U	10	U	10	U		NA
1,4-Dioxane	UJ	100	UJ	100	UJ	100	UJ	100	UJ		NA
2-Butanone	U	10	UJ	10	UJ	10	U	10	UJ		NA
2-Hexanone	U	10	UJ	10	UJ	10	U	10	UJ		NA
4-Methyl-2-Pentanone	U	10	U	10	U	10	U	10	U		NA
Acetone	U	10	UJ	10	UJ	7	J	10	UJ		NA
Benzene	U	10	U	10	U	10	U	10	U		NA
Bromodichloromethane	U	10	U	10	U	10	U	10	U		NA
Bromoform	U	10	U	4	J	10	U	1	J		NA
Bromomethane	U	10	U	10	U	10	U	10	U		NA
Carbon Disulfide	U	10	U	10	U	10	U	10	U		NA
Carbon Tetrachloride	U	10	U	10	U	10	U	10	U		NA
Chlorobenzene	U	10	U	10	U	10	U	10	U		NA
Chloroethane	U	10	U	10	U	10	U	10	U		NA
Chloroform	U	10	U	10	U	10	U	10	U		NA
Chloromethane	U	10	U	10	U	10	U	10	U		NA
cis-1,2-Dichloroethene	U	10	U	10	U	10	U	10	U		NA
cis-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U		NA
Cyclohexane	U	10	U	10	U	10	U	10	U		NA
Dibromochloromethane	U	10	U	10	U	10	U	10	U		NA
Dichlorodifluoromethane	UJ	10	UJ	10	UJ	10	U	10	UJ		NA
Ethylbenzene	U	10	U	10	U	10	U	10	U		NA
Isopropylbenzene	U	10	U	10	U	10	U	10	U		NA
Methyl Acetate	U	10	U	10	U	10	U	10	U		NA
Methyl tert-Butyl Ether	J	10	U	10	U	10	U	1	J		NA

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Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
Methylcyclohexane	U	10	UJ	10	UJ	10	U	10	UJ		NA
Methylene Chloride	UJ	10	UJ	10	UJ	10	UJ	10	UJ		NA
Styrene	U	10	U	10	U	10	U	10	U		NA
Tetrachloroethene	U	10	U	10	U	10	U	10	U		NA
Toluene	U	10	U	10	U	10	U	10	U		NA
Total Xylenes	U	10	U	10	U	10	U	10	U		NA
trans-1,2-Dichloroethene	U	10	U	10	U	10	U	10	U		NA
trans-1,3-Dichloropropene	U	10	U	10	U	10	U	10	U		NA
Trichloroethene	U	10	U	10	U	10	U	10	U		NA
Trichlorofluoromethane	UJ	10	U	10	U	10	U	10	U		NA
Vinyl Chloride	U	1	U	1	U	1	U	1	U		NA
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA		NA	10.0	U	10.0	U	10.0	U		NA
Ethene	NA		NA	10.0	U	10.0	U	10.0	U		NA
Methane	NA		NA	5.0	U	5.0	U	5.0	U		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane	NA		NA		NA		NA		NA	11	
1,1-Dichloroethene	NA		NA		NA		NA		NA	5.5	
Benzene	NA		NA		NA		NA		NA	0.5	U
Chlorobenzene	NA		NA		NA		NA		NA	5	U
cis-1,2-Dichloroethene	NA		NA		NA		NA		NA	2.8	
Tetrachloroethene	NA		NA		NA		NA		NA	0.5	U
Toluene	NA		NA		NA		NA		NA	1	U
Trichloroethene	NA		NA		NA		NA		NA	5.5	
Vinyl Chloride	NA		NA		NA		NA		NA	0.1	U
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	U	10	U	10	U	10	U	10	U		NA
2,2'-oxybis(1-Chloropropane)	U	10	U	10	U	10	U	10	U		NA
2,4,5-Trichlorophenol	U	25	U	25	U	25	U	25	U		NA
2,4,6-Trichlorophenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dichlorophenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dimethylphenol	U	10	U	10	U	10	U	10	U		NA
2,4-Dinitrophenol	UJ	25	U	25	U	25	UJ	25	U		NA
2,4-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2,6-Dinitrotoluene	U	10	U	10	U	10	U	10	U		NA
2-Chloronaphthalene	U	10	U	10	U	10	U	10	U		NA
2-Chlorophenol	U	10	U	10	U	10	U	10	U		NA
2-Methylnaphthalene	U	10	U	10	U	10	U	10	U		NA
2-Methylphenol	U	10	U	10	U	10	U	10	U		NA
2-Nitroaniline	U	25	U	25	U	25	U	25	U		NA

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Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
2-Nitrophenol	U	10	U	10	U	10	U	10	U		NA
3,3'-Dichlorobenzidine	U	10	U	10	U	10	U	10	U		NA
3-Nitroaniline	U	25	U	25	U	25	U	25	U		NA
4,6-Dinitro-2-methylphenol	U	25	U	25	U	25	U	25	U		NA
4-Bromophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Chloro-3-methylphenol	U	10	U	10	U	10	U	10	U		NA
4-Chloroaniline	UJ	10	UJ	10	UJ	10	UJ	10	UJ		NA
4-Chlorophenyl-phenylether	U	10	U	10	U	10	U	10	U		NA
4-Methylphenol	U	10	U	10	U	10	U	10	U		NA
4-Nitroaniline	U	25	UJ	25	UJ	25	U	25	UJ		NA
4-Nitrophenol	U	25	U	25	U	25	U	25	U		NA
Acenaphthene	U	10	U	10	U	10	U	10	U		NA
Acenaphthylene	U	10	U	10	U	10	U	10	U		NA
Acetophenone	U	10	U	10	U	10	U	10	U		NA
Anthracene	U	10	U	10	U	10	U	10	U		NA
Atrazine	U	10	U	10	U	10	U	10	U		NA
Benzaldehyde	UJ	10	UJ	10	UJ	10	UJ	10	UJ		NA
Benzo(a)anthracene	U	10	U	10	U	10	U	10	U		NA
Benzo(a)pyrene	U	10	U	10	U	10	U	10	U		NA
Benzo(b)fluoranthene	U	10	U	10	U	10	U	10	U		NA
Benzo(g,h,i)perylene	UJ	10	U	10	U	10	U	10	U		NA
Benzo(k)fluoranthene	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethoxy)methane	U	10	U	10	U	10	U	10	U		NA
Bis(2-Chloroethyl)ether	U	10	U	10	U	10	U	10	U		NA
bis(2-Ethylhexyl)phthalate	U	10	U	10	U	10	U	10	U		NA
Butylbenzylphthalate	U	10	U	10	U	10	U	10	U		NA
Caprolactam	J	11		10	U	10	U	10	U		NA
Carbazole	U	10	U	10	U	10	U	10	U		NA
Chrysene	U	10	U	10	U	10	U	10	U		NA
Dibenzo(a,h)anthracene	U	10	U	10	U	10	U	10	U		NA
Dibenzofuran	U	10	U	10	U	10	U	10	U		NA
Diethylphthalate	U	10	U	10	U	10	U	10	U		NA
Dimethylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-Butylphthalate	U	10	U	10	U	10	U	10	U		NA
Di-n-octylphthalate	U	10	U	10	U	10	U	10	U		NA
Fluoranthene	U	10	U	10	U	10	U	10	U		NA
Fluorene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobenzene	U	10	U	10	U	10	U	10	U		NA
Hexachlorobutadiene	U	10	U	10	U	10	U	10	U		NA
Hexachlorocyclopentadiene	U	10	UJ	10	UJ	10	U	10	UJ		NA

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Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
Hexachloroethane	U	10	U	10	U	10	U	10	U		NA
Indeno(1,2,3-cd)pyrene	UJ	10	U	10	U	10	U	10	U		NA
Isophorone	U	10	U	10	U	10	U	10	U		NA
Naphthalene	U	10	U	10	U	10	U	10	U		NA
Nitrobenzene	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-di-n-propylamine	U	10	U	10	U	10	U	10	U		NA
N-Nitroso-diphenylamine	U	10	U	10	U	10	U	10	U		NA
Pentachlorophenol	U	25	U	25	U	25	U	25	U		NA
Phenanthrene	U	10	U	10	U	10	U	10	U		NA
Phenol	U	10	U	10	U	10	U	10	U		NA
Pyrene	U	10	U	10	U	10	U	10	U		NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Benzo(a)anthracene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Benzo(a)pyrene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Benzo(b)fluoranthene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Benzo(k)fluoranthene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Chrysene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Dibenzo(a,h)anthracene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Indeno(1,2,3-cd)pyrene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Phenanthrene	U	0.20	U	0.20	U	0.20	U	0.20	U		NA
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDE	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
4,4'-DDT	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Aldrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
alpha-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Aroclor, Total	NA		NA		NA		NA		NA		NA
Aroclor-1016	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1221	U	0.25	U	0.25	U	0.25	U	0.25	U		NA
Aroclor-1232	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1242	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1248	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
Aroclor-1254	U	0.25	U	0.25	U	0.25	U	0.25	U		NA
Aroclor-1260	U	0.25	U	0.25	U	0.25	U	0.25	U		NA
Aroclor-1262	U	0.28	U	0.28	U	0.28	U	0.28	U		NA
Aroclor-1268	U	1.0	U	1.0	U	1.0	U	1.0	U		NA
beta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
delta-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
Dieldrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan I	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endosulfan II	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endosulfan Sulfate	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Endrin Aldehyde	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
Endrin Ketone	U	0.10	U	0.10	U	0.10	U	0.10	U		NA
gamma-BHC	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
gamma-Chlordane	U	0.050	U	0.050	U	0.050	U	0.050	U		NA
Heptachlor	U	0.020	U	0.020	U	0.020	U	0.020	U		NA
Heptachlor Epoxide	U	0.020	U	0.020	U	0.020	U	0.020	U		NA
Methoxychlor	U	0.50	U	0.50	U	0.50	U	0.50	U		NA
Toxaphene	U	5.0	U	5.0	U	5.0	U	5.0	U		NA
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	U	2.9	U	3.3	U	2.6	U	4.3	J		NA
1,2,3,4,6,7,8-HpCDF	EMPC	1.6	U	1.8	U	1.4	U	1.4	UJ		NA
1,2,3,4,7,8,9-HpCDF	U	2.0	U	2.2	U	1.7	U	0.90	UJ		NA
1,2,3,4,7,8-HxCDD	U	1.8	U	2.0	U	1.4	U	1.2	EMPC		NA
1,2,3,4,7,8-HxCDF	U	1.3	UEMPC	1.3	U	1.1	UJ	1.8	UEMPC		NA
1,2,3,6,7,8-HxCDD	U	1.8	U	2.0	U	1.4	U	1.6	EMPC		NA
1,2,3,6,7,8-HxCDF	U	1.1	U	1.2	U	0.90	U	1.5	UEMPC		NA
1,2,3,7,8,9-HxCDD	U	1.7	U	2.0	U	1.4	U	1.5	UJ		NA
1,2,3,7,8,9-HxCDF	U	1.3	U	1.5	U	1.1	U	1.8	UJ		NA
1,2,3,7,8-PeCDD	U	1.3	U	1.5	U	1.3	U	1.3	EMPC		NA
1,2,3,7,8-PeCDF	U	0.90	U	1.0	U	0.80	U	2.5	UJ		NA
2,3,4,6,7,8-HxCDF	U	1.2	U	1.4	U	1.0	U	1.6	UEMPC		NA
2,3,4,7,8-PeCDF	U	1.0	U	1.1	U	0.80	U	1.6	UEMPC		NA
2,3,7,8-TCDD	U	1.6	U	1.7	U	1.4	UJ	0.60	UJ		NA
2,3,7,8-TCDF	U	1.2	U	1.3	U	1.1	UJ	0.40	UJ		NA
OCDD	U	5.3	UEMPC	16.1	U	17.6	U	21.1	UJ		NA
OCDF	U	2.9	U	3.3	U	2.6	U	7.0	J		NA
Total HpCDD	UJ	2.9	UJ	3.3	UJ	2.6	UJ	4.3	J		NA
Total HpCDF	EMPC	1.8	UJ	2.0	UJ	1.5	UJ	1.4	UJ		NA
Total HxCDD	UJ	2.5	UEMPC	2.0	UJ	1.4	UJ	7.3	UEMPC		NA
Total HxCDF	UJ	1.3	UEMPC	1.3	UJ	1.1	UJ	6.6	UEMPC		NA
Total PeCDD	UJ	1.3	UJ	1.5	UJ	1.3	UJ	1.3	EMPC		NA
Total PeCDF	UJ	1.0	UJ	1.0	UJ	0.80	UJ	4.1	UEMPC		NA
Total TCDD	UJ	1.6	UJ	1.7	UJ	1.4	UJ	0.60	UJ		NA
Total TCDF	UJ	1.2	UJ	1.3	UJ	1.1	UJ	0.40	UJ		NA
Toxicity Equivalency	J	0.00	UJ	0.00	U	0.00	UJ	1.5	J		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	)7	OU2-MW-532S-07		OU2-MW-533B-07		OU2-MW-533D-07		OU2-MW-533S-07		OU2-GW-534S-07	
Sample Location		MW-532S		MW-533B		MW-533D		MW-533S		MW-534S	
Date Sampled		1/14/2003		1/14/2003		1/14/2003		1/14/2003		1/9/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Bedrock		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)											
Aluminum	U	10.1	U	725000	J	587000	J	27.3	UJ		NA
Antimony	U	3.5	U	3.5	U	3.5	U	3.5	U		NA
Arsenic	U	2.3	U		R		R	2.3	U		NA
Barium	J	16.7	J	24.5	J	18.9	J	70.8	J		NA
Beryllium	U	1.1	U	113	J	106	J	1.1	U		NA
Cadmium	UJ	0.50	UJ	64.0	J	64.7	J	0.50	UJ		NA
Calcium	J	150000	J	322000	J	334000	J	19700	J		NA
Chromium	J	2.3	UJ	20.9	J	7.1	UJ	4.2	UJ		NA
Cobalt	J	0.70	U	2610	J	2710	J	1.7	UJ		NA
Copper	J	26.1		0.80	UJ	390	J	0.80	U		NA
Cyanide	NA		NA		NA		NA		NA		NA
Iron	U	19.5	U	2300000		2240000		19.5	U		NA
Lead	R	4.3	UJ	152	J	137	J	1.5	U		NA
Magnesium		48000		308000		322000	J	3490			NA
Manganese	J	17.1	J	88600		97000		336			NA
Mercury	U	0.10	U	0.10	U	0.25	J	0.10	U		NA
Nickel	J	9.4	J	3720	J	3760	J	4.6	J		NA
Potassium	J	11500	J	13900	J	8340	J	2730	J		NA
Selenium	J	2.2	UJ	2.2	UJ	2.2	UJ	2.2	UJ		NA
Silver	J		R		R		R		R		NA
Sodium		42000		65400	J	57400	J	23700			NA
Thallium	UJ	4.0	UJ	99.3	J	97.3	J	4.0	UJ		NA
Vanadium	J	0.89		70.7	J	20.9	J	0.80	U		NA
Zinc	UJ	176	J	8750	J	8820	J	43.3	UJ		NA
Wet Chemistry Analysis											
Alkalinity	NA		NA		R		R	32.0	J		NA
Carbon Dioxide	NA		NA		R		R	77.8	J		NA
Chloride	NA		NA	91.8	J	82.6	J	20.4	J		NA
Ferrous Iron	NA		NA	1910	J	2030	J	0.030	UJ		NA
Nitrate	NA		NA	0.20	UJ	1.0	UJ	8.88	J		NA
Nitrite-N	NA		NA	0.20	UJ	1.0	UJ	0.050	UJ		NA
Sulfate	NA		NA	11800		13500		21.3			NA
Sulfide	NA		NA	0.50	U	0.50	U	0.50	U		NA
Total Organic Carbon	NA		NA	11.0		12.4		3.84			NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	39		39			NA		NA	10	U	
1,1,2,2-Tetrachloroethane	10	U	10	U		NA		NA	10	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	U		NA		NA	10	U	
1,1,2-Trichloroethane	10	U	10	U		NA		NA	10	U	
1,1-Dichloroethane	6		6	J		NA		NA	10	U	
1,1-Dichloroethene	21		21			NA		NA	0.9	U	
1,2,4-Trichlorobenzene	10	U	10	U		NA		NA	10	U	
1,2-Dibromo-3-chloropropane	10	U	10	U		NA		NA	10	U	
1,2-Dibromoethane	10	U	10	U		NA		NA	10	U	
1,2-Dichlorobenzene	10	U	10	U		NA		NA	10	U	
1,2-Dichloroethane	10	U	10	U		NA		NA	10	U	
1,2-Dichloroethene (total)		NA		NA		NA		NA		NA	
1,2-Dichloropropane	10	U	10	U		NA		NA	10	U	
1,3-Dichlorobenzene	10	U	10	U		NA		NA	10	U	
1,4-Dichlorobenzene	10	U	10	U		NA		NA	10	U	
1,4-Dioxane		NA	100	UJ		NA		NA	100	UJ	
2-Butanone	10	U	10	U		NA		NA	10	U	
2-Hexanone	10	U	10	U		NA		NA	10	U	
4-Methyl-2-Pentanone	10	U	10	U		NA		NA	10	U	
Acetone	10	UJ	10	UJ		NA		NA	10	U	
Benzene	10	U	10	U		NA		NA	10	U	
Bromodichloromethane	10	U	10	U		NA		NA	10	U	
Bromoform	10	U	10	U		NA		NA	10	U	
Bromomethane	10	U	10	U		NA		NA	10	U	
Carbon Disulfide	10	U	10	U		NA		NA	10	U	
Carbon Tetrachloride	10	U	10	U		NA		NA	10	U	
Chlorobenzene	10	U	10	U		NA		NA	10	U	
Chloroethane	10	U	10	U		NA		NA	10	U	
Chloroform	10	U	10	U		NA		NA	10	U	
Chloromethane	10	U	10	U		NA		NA	10	U	
cis-1,2-Dichloroethene	10		10			NA		NA	10	U	
cis-1,3-Dichloropropene	10	U	10	U		NA		NA	10	U	
Cyclohexane	10	U	10	U		NA		NA	10	U	
Dibromochloromethane	10	U	10	U		NA		NA	10	U	
Dichlorodifluoromethane	10	U	10	U		NA		NA	10	UJ	
Ethylbenzene	10	U	10	U		NA		NA	10	U	
Isopropylbenzene	10	U	10	U		NA		NA	10	U	
Methyl Acetate	10	U	10	U		NA		NA	10	U	
Methyl tert-Butyl Ether	10	U	10	U		NA		NA	10	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Methylcyclohexane	10	U	10	U		NA		NA	10	U	
Methylene Chloride	10	UJ	10	UJ		NA		NA	10	UJ	
Styrene	10	U	10	U		NA		NA	10	U	
Tetrachloroethene	10	U	10	U		NA		NA	10	U	
Toluene	10	U	10	U		NA		NA	10	U	
Total Xylenes	10	U	10	U		NA		NA	10	U	
trans-1,2-Dichloroethene	10	U	10	U		NA		NA	10	U	
trans-1,3-Dichloropropene	10	U	10	U		NA		NA	10	U	
Trichloroethene	19		19			NA		NA	10	U	
Trichlorofluoromethane	10	U	10	U		NA		NA	10	UJ	
Vinyl Chloride	1	U	1	U		NA		NA	1	U	
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane		NA		NA		NA		NA		NA	
Ethene		NA		NA		NA		NA		NA	
Methane		NA		NA		NA		NA		NA	
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane		NA		NA		NA	0.5	U		NA	0.4
1,1-Dichloroethene		NA		NA		NA	0.5	U		NA	0.5
Benzene		NA		NA		NA	0.5	U		NA	0.5
Chlorobenzene		NA		NA		NA	5	U		NA	5
cis-1,2-Dichloroethene		NA		NA		NA	1	U		NA	1
Tetrachloroethene		NA		NA		NA	0.5	U		NA	0.5
Toluene		NA		NA		NA	1	U		NA	1
Trichloroethene		NA		NA		NA	0.5	U		NA	2.2
Vinyl Chloride		NA		NA		NA	0.1	U		NA	0.1
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	10	U	10	U		NA		NA	10	U	
2,2'-oxybis(1-Chloropropane)	10	U	10	U		NA		NA	10	U	
2,4,5-Trichlorophenol	25	U	25	U		NA		NA	25	U	
2,4,6-Trichlorophenol	10	U	10	U		NA		NA	10	U	
2,4-Dichlorophenol	10	U	10	U		NA		NA	10	U	
2,4-Dimethylphenol	10	U	10	U		NA		NA	10	U	
2,4-Dinitrophenol	25	UJ	25	UJ		NA		NA	25	UJ	
2,4-Dinitrotoluene	10	U	10	U		NA		NA	10	U	
2,6-Dinitrotoluene	10	U	10	U		NA		NA	10	U	
2-Chloronaphthalene	10	U	10	U		NA		NA	10	U	
2-Chlorophenol	10	U	10	U		NA		NA	10	U	
2-Methylnaphthalene	10	U	10	U		NA		NA	10	U	
2-Methylphenol	10	U	10	U		NA		NA	10	U	
2-Nitroaniline	25	U	25	U		NA		NA	25	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
2-Nitrophenol	10	U	10	U		NA		NA	10	U	
3,3'-Dichlorobenzidine	10	U	10	U		NA		NA	10	U	
3-Nitroaniline	25	U	25	U		NA		NA	25	U	
4,6-Dinitro-2-methylphenol	25	U	25	U		NA		NA	25	U	
4-Bromophenyl-phenylether	10	U	10	U		NA		NA	10	U	
4-Chloro-3-methylphenol	10	U	10	U		NA		NA	10	U	
4-Chloroaniline	10	UJ	10	UJ		NA		NA	10	UJ	
4-Chlorophenyl-phenylether	10	U	10	U		NA		NA	10	U	
4-Methylphenol	10	U	10	U		NA		NA	10	U	
4-Nitroaniline	25	U	25	U		NA		NA	25	U	
4-Nitrophenol	25	U	25	U		NA		NA	25	U	
Acenaphthene	10	U	10	U		NA		NA	10	U	
Acenaphthylene	10	U	10	U		NA		NA	10	U	
Acetophenone	10	U	10	U		NA		NA	10	U	
Anthracene	10	U	10	U		NA		NA	10	U	
Atrazine	10	U	10	U		NA		NA	10	U	
Benzaldehyde	10	UJ	10	UJ		NA		NA	10	UJ	
Benzo(a)anthracene	10	U	10	U		NA		NA	10	U	
Benzo(a)pyrene	10	U	10	U		NA		NA	10	U	
Benzo(b)fluoranthene	10	U	10	U		NA		NA	10	U	
Benzo(g,h,i)perylene	10	U	10	U		NA		NA	10	U	
Benzo(k)fluoranthene	10	U	10	U		NA		NA	10	U	
Bis(2-Chloroethoxy)methane	10	U	10	U		NA		NA	10	U	
Bis(2-Chloroethyl)ether	10	U	10	U		NA		NA	10	U	
bis(2-Ethylhexyl)phthalate	10	U	10	U		NA		NA	10	U	
Butylbenzylphthalate	10	U	10	U		NA		NA	10	U	
Caprolactam	10	U	10	U		NA		NA	10	U	
Carbazole	10	U	10	U		NA		NA	10	U	
Chrysene	10	U	10	U		NA		NA	10	U	
Dibenzo(a,h)anthracene	10	U	10	U		NA		NA	10	U	
Dibenzofuran	10	U	10	U		NA		NA	10	U	
Diethylphthalate	10	U	10	U		NA		NA	10	U	
Dimethylphthalate	10	U	10	U		NA		NA	10	U	
Di-n-Butylphthalate	10	U	10	U		NA		NA	10	U	
Di-n-octylphthalate	10	U	10	U		NA		NA	10	U	
Fluoranthene	10	U	10	U		NA		NA	10	U	
Fluorene	10	U	10	U		NA		NA	10	U	
Hexachlorobenzene	10	U	10	U		NA		NA	10	U	
Hexachlorobutadiene	10	U	10	U		NA		NA	10	U	
Hexachlorocyclopentadiene	10	U	10	U		NA		NA	10	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Hexachloroethane	10	U	10	U		NA		NA	10	U	
Indeno(1,2,3-cd)pyrene	10	U	10	U		NA		NA	10	U	
Isophorone	10	U	10	U		NA		NA	10	U	
Naphthalene	10	U	10	U		NA		NA	10	U	
Nitrobenzene	10	U	10	U		NA		NA	10	U	
N-Nitroso-di-n-propylamine	10	U	10	U		NA		NA	10	U	
N-Nitroso-diphenylamine	10	U	10	U		NA		NA	10	U	
Pentachlorophenol	25	U	25	U		NA		NA	25	U	
Phenanthrene	10	U	10	U		NA		NA	10	U	
Phenol	10	U	10	U		NA		NA	10	U	
Pyrene	10	U	10	U		NA		NA	10	U	
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	0.20	U	0.20	U		NA		NA	0.20	U	
Benzo(a)anthracene	0.20	U	0.20	U		NA		NA	0.20	U	
Benzo(a)pyrene	0.20	U	0.20	U		NA		NA	0.20	U	
Benzo(b)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	U	
Benzo(k)fluoranthene	0.20	U	0.20	U		NA		NA	0.20	U	
Chrysene	0.20	U	0.20	U		NA		NA	0.20	U	
Dibenzo(a,h)anthracene	0.20	U	0.20	U		NA		NA	0.20	U	
Indeno(1,2,3-cd)pyrene	0.20	U	0.20	U		NA		NA	0.20	U	
Phenanthrene	0.20	U	0.20	U		NA		NA	0.20	U	
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	0.10	U	0.10	U		NA		NA	0.10	U	
4,4'-DDE	0.10	U	0.10	U		NA		NA	0.10	U	
4,4'-DDT	0.10	U	0.10	U		NA		NA	0.10	U	
Aldrin	0.050	U	0.050	U		NA		NA	0.050	U	
alpha-BHC	0.050	U	0.050	U		NA		NA	0.050	U	
alpha-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U	
Aroclor, Total		NA		NA		NA		NA		NA	
Aroclor-1016	1.0	U	1.0	U		NA		NA	1.0	U	
Aroclor-1221	0.25	U	0.25	U		NA		NA	0.25	U	
Aroclor-1232	1.0	U	1.0	U		NA		NA	1.0	U	
Aroclor-1242	1.0	U	1.0	U		NA		NA	1.0	U	
Aroclor-1248	1.0	U	1.0	U		NA		NA	1.0	U	
Aroclor-1254	0.25	U	0.25	U		NA		NA	0.25	U	
Aroclor-1260	0.25	U	0.25	U		NA		NA	0.25	U	
Aroclor-1262	0.28	U	0.28	U		NA		NA	0.28	U	
Aroclor-1268	1.0	U	1.0	U		NA		NA	1.0	U	
beta-BHC	0.050	U	0.050	U		NA		NA	0.050	U	
delta-BHC	0.050	U	0.050	U		NA		NA	0.050	U	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
Dieldrin	0.050	U	0.050	U		NA		NA	0.050	U	
Endosulfan I	0.050	U	0.050	U		NA		NA	0.050	U	
Endosulfan II	0.10	U	0.10	U		NA		NA	0.10	U	
Endosulfan Sulfate	0.10	U	0.10	U		NA		NA	0.10	U	
Endrin	0.050	U	0.050	U		NA		NA	0.050	U	
Endrin Aldehyde	0.10	U	0.10	U		NA		NA	0.10	U	
Endrin Ketone	0.10	U	0.10	U		NA		NA	0.10	U	
gamma-BHC	0.050	U	0.050	U		NA		NA	0.050	U	
gamma-Chlordane	0.050	U	0.050	U		NA		NA	0.050	U	
Heptachlor	0.020	U	0.020	U		NA		NA	0.020	U	
Heptachlor Epoxide	0.020	U	0.020	U		NA		NA	0.020	U	
Methoxychlor	0.50	U	0.50	U		NA		NA	0.50	U	
Toxaphene	5.0	U	5.0	U		NA		NA	5.0	U	
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	3.1	U	3.1	U		NA		NA	8.8	U	
1,2,3,4,6,7,8-HpCDF	1.6	U	1.6	U		NA		NA	5.9	J	
1,2,3,4,7,8,9-HpCDF	2.0	U	2.0	U		NA		NA	6.0	U	
1,2,3,4,7,8-HxCDD	1.8	U	1.8	U		NA		NA	4.9	U	
1,2,3,4,7,8-HxCDF	1.1	U	1.1	U		NA		NA	5.9	J	
1,2,3,6,7,8-HxCDD	1.8	U	1.8	U		NA		NA	4.9	U	
1,2,3,6,7,8-HxCDF	1.1	U	1.1	U		NA		NA	2.7	U	
1,2,3,7,8,9-HxCDD	1.7	U	1.7	U		NA		NA	4.8	U	
1,2,3,7,8,9-HxCDF	1.3	U	1.3	U		NA		NA	3.8	U	
1,2,3,7,8-PeCDD	1.3	U	1.3	U		NA		NA	4.4	U	
1,2,3,7,8-PeCDF	0.80	U	0.80	U		NA		NA	2.6	U	
2,3,4,6,7,8-HxCDF	1.2	U	1.2	U		NA		NA	3.1	U	
2,3,4,7,8-PeCDF	0.80	U	0.80	U		NA		NA	2.7	U	
2,3,7,8-TCDD	1.6	U	1.6	U		NA		NA	4.1	U	
2,3,7,8-TCDF	1.2	U	1.2	U		NA		NA	3.1	U	
OCDD	4.5	U	4.5	U		NA		NA	54.4	J	
OCDF	3.5	U	3.5	U		NA		NA	10.6	UJ	
Total HpCDD	3.1	UJ	3.1	UJ		NA		NA	8.8	UJ	
Total HpCDF	1.8	UJ	1.8	UJ		NA		NA	5.9	J	
Total HxCDD	1.4		2.2	UEMPC		NA		NA	4.8	UJ	
Total HxCDF	1.2	UJ	1.2	UJ		NA		NA	5.9	UJ	
Total PeCDD	1.3	UJ	1.3	UJ		NA		NA	4.4	UJ	
Total PeCDF	0.80	UJ	0.80	UJ		NA		NA	2.6	UJ	
Total TCDD	1.6	UJ	1.6	UJ		NA		NA	4.1	UJ	
Total TCDF	1.2	UJ	1.2	UJ		NA		NA	35.9	EMPC	
Toxicity Equivalency	0.00	U	0.00	U		NA		NA	0.65	J	

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	OU2-MW-534S-07-AVG		OU2-MW-534S-07		OU2-MW-DUP14-07		OU2-GW-535S-07		OU2-MW-535S-07		OU2-GW-536S-07
Sample Location	MW-534S		MW-534S		MW-534S		MW-535S		MW-535S		MW-536S
Date Sampled	1/10/2003		1/10/2003		1/10/2003		1/9/2003		1/10/2003		1/8/2003
Interval	0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0		0.0-0.0
QC Identifier	Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		Field Dup. OU2-MW-534S-07		None		None		None
Zone	Overburden		Overburden		Overburden		Overburden		Overburden		Overburden
TAL Metal Analysis (UG/L)											
Aluminum	43.3	U	43.3	U	47.6	U		NA	310	U	
Antimony	2.3	U	2.3	U	2.3	U		NA	2.3	U	
Arsenic	4.8	U	4.8	U	4.8	U		NA	5.3	J	
Barium	34.0		33.9		34.0			NA	16.9		
Beryllium	0.10	U	0.10	U	0.10	U		NA	0.10	U	
Cadmium	0.30	U	0.30	U	0.30	U		NA	0.30	U	
Calcium	13000		13000		13000			NA	67000		
Chromium	0.60	U	0.60	U	0.60	U		NA	3.8		
Cobalt	1.0	U	1.0	U	1.0	U		NA	1.0	U	
Copper	0.60	U	0.60	U	0.60	U		NA	12.9		
Cyanide		NA		NA		NA		NA		NA	
Iron	18.7	U	18.7	U	18.7	U		NA	578		
Lead	2.2	UJ	2.2	UJ	2.2	UJ		NA	2.2	UJ	
Magnesium	3640		3640		3630			NA	102000		
Manganese	11.8		11.9		11.7			NA	107		
Mercury	0.10	U	0.10	U	0.10	U		NA	0.10	U	
Nickel	1.1	U	1.1	U	1.1	U		NA	5.1		
Potassium	2960		2970	J	2960	J		NA	45000	J	
Selenium	4.8	U	4.8	U	4.8	U		NA	4.8	U	
Silver	0.60	U	0.60	U	0.60	U		NA	0.60	U	
Sodium	23600		23800		23500			NA	898000		
Thallium	6.2	UJ	6.2	UJ	4.7	U		NA	6.0	UJ	
Vanadium	0.50	U	0.50	U	0.50	U		NA	2.6	U	
Zinc	1.4	U	1.4	U	1.4	U		NA	96.4		
Wet Chemistry Analysis											
Alkalinity		NA		NA		NA		NA		NA	
Carbon Dioxide		NA		NA		NA		NA		NA	
Chloride		NA		NA		NA		NA		NA	
Ferrous Iron		NA		NA		NA		NA		NA	
Nitrate		NA		NA		NA		NA		NA	
Nitrite-N		NA		NA		NA		NA		NA	
Sulfate		NA		NA		NA		NA		NA	
Sulfide		NA		NA		NA		NA		NA	
Total Organic Carbon		NA		NA		NA		NA		NA	

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* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Volatile Organic Analysis (UG/L)											
1,1,1-Trichloroethane	NA	10	U		NA		NA	10	U	10	U
1,1,2,2-Tetrachloroethane	NA	10	U		NA		NA		R	10	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	10	U		NA		NA		NA	10	U
1,1,2-Trichloroethane	NA	10	U		NA		NA	10	U	10	U
1,1-Dichloroethane	NA	10	U		NA		NA	2	J	1	J
1,1-Dichloroethene	NA	0.9	U		NA		NA	10	UJ	0.9	U
1,2,4-Trichlorobenzene	NA	10	U		NA		NA		NA	10	UJ
1,2-Dibromo-3-chloropropane	NA	10	U		NA		NA		NA		R
1,2-Dibromoethane	NA	10	U		NA		NA		NA	10	U
1,2-Dichlorobenzene	NA	10	U		NA		NA		NA	10	U
1,2-Dichloroethane	NA	10	U		NA		NA	10	U	10	U
1,2-Dichloroethene (total)	NA		NA		NA		NA	2	J		NA
1,2-Dichloropropane	NA	10	U		NA		NA	10	U	10	U
1,3-Dichlorobenzene	NA	10	U		NA		NA		NA	10	U
1,4-Dichlorobenzene	NA	10	U		NA		NA		NA	10	U
1,4-Dioxane	NA	100	UJ		NA		NA		NA	100	UJ
2-Butanone	NA	10	UJ		NA		NA	10	U	10	U
2-Hexanone	NA	10	UJ		NA		NA	10	U	10	UJ
4-Methyl-2-Pentanone	NA	10	U		NA		NA	10	U	10	U
Acetone	NA	10	UJ		NA		NA	10	U	10	U
Benzene	NA	10	U		NA		NA	10	U	10	U
Bromodichloromethane	NA	10	U		NA		NA	10	U	10	U
Bromoform	NA	10	U		NA		NA	10	U	10	U
Bromomethane	NA	10	U		NA		NA	10	U	10	U
Carbon Disulfide	NA	10	U		NA		NA	10	U	10	U
Carbon Tetrachloride	NA	10	U		NA		NA	10	U	10	U
Chlorobenzene	NA	10	U		NA		NA	10	U	10	U
Chloroethane	NA	10	U		NA		NA	10	U	10	U
Chloroform	NA	10	U		NA		NA	10	U	10	U
Chloromethane	NA	10	U		NA		NA	10	U	10	U
cis-1,2-Dichloroethene	NA	10	U		NA		NA		NA	10	U
cis-1,3-Dichloropropene	NA	10	U		NA		NA	10	U	10	U
Cyclohexane	NA	10	U		NA		NA		NA	10	U
Dibromochloromethane	NA	10	U		NA		NA	10	U	10	U
Dichlorodifluoromethane	NA	10	U		NA		NA		NA	10	U
Ethylbenzene	NA	10	U		NA		NA	10	U	10	U
Isopropylbenzene	NA	10	U		NA		NA		NA	10	U
Methyl Acetate	NA	10	U		NA		NA		NA	10	U
Methyl tert-Butyl Ether	NA	10	U		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Methylcyclohexane	NA	10	U		NA		NA		NA	10	U
Methylene Chloride	NA	10	U		NA		NA	10	U	10	U
Styrene	NA	10	U		NA		NA	10	U	10	U
Tetrachloroethene	NA	10	U		NA		NA	10	U	10	U
Toluene	NA	10	U		NA		NA	10	U	10	U
Total Xylenes	NA	10	U		NA		NA	10	U	10	U
trans-1,2-Dichloroethene	NA	10	U		NA		NA		NA	10	U
trans-1,3-Dichloropropene	NA	10	U		NA		NA	10	U	10	U
Trichloroethene	NA	4	J		NA		NA	3	J	10	U
Trichlorofluoromethane	NA	10	U		NA		NA		NA	10	U
Vinyl Chloride	NA	1	U		NA		NA	10	U	1	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)											
Ethane	NA	10.0	U		NA		NA		NA		NA
Ethene	NA	10.0	U		NA		NA		NA		NA
Methane	NA	5.0	U		NA		NA		NA		NA
Volatile Organic Screening Analysis (UG/L)											
1,1,1-Trichloroethane			NA	0.5	U	11			NA		NA
1,1-Dichloroethene	U		NA	0.5	U	3.8			NA		NA
Benzene	U		NA	0.5	U	0.5	U		NA		NA
Chlorobenzene	U		NA	5	U	5	U		NA		NA
cis-1,2-Dichloroethene	U		NA	1	U		NA		NA		NA
Tetrachloroethene	U		NA	0.3	U	0.3	U		NA		NA
Toluene	U		NA	2	U	2	U		NA		NA
Trichloroethene			NA	0.5	U	5.8			NA		NA
Vinyl Chloride	U		NA		NA		NA		NA		NA
Semivolatile Organic Analysis (UG/L)											
1,1'-Biphenyl	NA	10	U		NA		NA		NA	10	U
2,2'-oxybis(1-Chloropropane)	NA	10	U		NA		NA		NA	10	U
2,4,5-Trichlorophenol	NA	25	U		NA		NA		NA	25	U
2,4,6-Trichlorophenol	NA	10	U		NA		NA		NA	10	U
2,4-Dichlorophenol	NA	10	U		NA		NA		NA	10	U
2,4-Dimethylphenol	NA	10	U		NA		NA		NA	10	U
2,4-Dinitrophenol	NA	25	U		NA		NA		NA	25	U
2,4-Dinitrotoluene	NA	10	U		NA		NA		NA	10	U
2,6-Dinitrotoluene	NA	10	U		NA		NA		NA	10	U
2-Chloronaphthalene	NA	10	U		NA		NA		NA	10	U
2-Chlorophenol	NA	10	U		NA		NA		NA	10	U
2-Methylnaphthalene	NA	10	U		NA		NA		NA	10	U
2-Methylphenol	NA	10	U		NA		NA		NA	10	U
2-Nitroaniline	NA	25	U		NA		NA		NA	25	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
2-Nitrophenol	NA	10	U		NA		NA		NA	10	U
3,3'-Dichlorobenzidine	NA	10	U		NA		NA		NA	10	UJ
3-Nitroaniline	NA	25	U		NA		NA		NA	25	U
4,6-Dinitro-2-methylphenol	NA	25	U		NA		NA		NA	25	U
4-Bromophenyl-phenylether	NA	10	U		NA		NA		NA	10	U
4-Chloro-3-methylphenol	NA	10	U		NA		NA		NA	10	U
4-Chloroaniline	NA	10	UJ		NA		NA		NA	10	UJ
4-Chlorophenyl-phenylether	NA	10	U		NA		NA		NA	10	U
4-Methylphenol	NA	10	U		NA		NA		NA	10	U
4-Nitroaniline	NA	25	U		NA		NA		NA	25	UJ
4-Nitrophenol	NA	25	U		NA		NA		NA	25	U
Acenaphthene	NA	10	U		NA		NA		NA	10	U
Acenaphthylene	NA	10	U		NA		NA		NA	10	U
Acetophenone	NA	10	U		NA		NA		NA	10	U
Anthracene	NA	10	U		NA		NA		NA	10	U
Atrazine	NA	10	U		NA		NA		NA	10	U
Benzaldehyde	NA	10	UJ		NA		NA		NA	10	UJ
Benzo(a)anthracene	NA	10	U		NA		NA		NA	10	U
Benzo(a)pyrene	NA	10	U		NA		NA		NA	10	U
Benzo(b)fluoranthene	NA	10	U		NA		NA		NA	10	U
Benzo(g,h,i)perylene	NA	10	U		NA		NA		NA	10	U
Benzo(k)fluoranthene	NA	10	U		NA		NA		NA	10	U
Bis(2-Chloroethoxy)methane	NA	10	U		NA		NA		NA	10	U
Bis(2-Chloroethyl)ether	NA	10	U		NA		NA		NA	10	U
bis(2-Ethylhexyl)phthalate	NA	10	U		NA		NA		NA	10	U
Butylbenzylphthalate	NA	10	U		NA		NA		NA	10	U
Caprolactam	NA	10	U		NA		NA		NA	10	U
Carbazole	NA	10	U		NA		NA		NA	10	U
Chrysene	NA	10	U		NA		NA		NA	10	U
Dibenzo(a,h)anthracene	NA	10	U		NA		NA		NA	10	U
Dibenzofuran	NA	10	U		NA		NA		NA	10	U
Diethylphthalate	NA	10	U		NA		NA		NA	10	U
Dimethylphthalate	NA	10	U		NA		NA		NA	10	U
Di-n-Butylphthalate	NA	10	U		NA		NA		NA	10	U
Di-n-octylphthalate	NA	10	U		NA		NA		NA	10	U
Fluoranthene	NA	10	U		NA		NA		NA	10	U
Fluorene	NA	10	U		NA		NA		NA	10	U
Hexachlorobenzene	NA	10	U		NA		NA		NA	10	U
Hexachlorobutadiene	NA	10	U		NA		NA		NA	10	U
Hexachlorocyclopentadiene	NA	10	U		NA		NA		NA	10	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Hexachloroethane	NA	10	U		NA		NA		NA	10	U
Indeno(1,2,3-cd)pyrene	NA	10	U		NA		NA		NA	10	U
Isophorone	NA	10	U		NA		NA		NA	10	U
Naphthalene	NA	10	U		NA		NA		NA	10	U
Nitrobenzene	NA	10	U		NA		NA		NA	10	U
N-Nitroso-di-n-propylamine	NA	10	U		NA		NA		NA	10	U
N-Nitroso-diphenylamine	NA	10	U		NA		NA		NA	10	U
Pentachlorophenol	NA	25	U		NA		NA		NA	25	U
Phenanthrene	NA	10	U		NA		NA		NA	10	U
Phenol	NA	10	U		NA		NA		NA	10	U
Pyrene	NA	10	U		NA		NA		NA	10	U
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA	0.20	U		NA		NA		NA	0.20	U
Benzo(a)anthracene	NA	0.20	U		NA		NA		NA	0.20	U
Benzo(a)pyrene	NA	0.20	U		NA		NA		NA	0.20	UJ
Benzo(b)fluoranthene	NA	0.20	U		NA		NA		NA	0.20	U
Benzo(k)fluoranthene	NA	0.20	U		NA		NA		NA	0.20	U
Chrysene	NA	0.20	U		NA		NA		NA	0.20	U
Dibenzo(a,h)anthracene	NA	0.20	U		NA		NA		NA	0.20	U
Indeno(1,2,3-cd)pyrene	NA	0.20	U		NA		NA		NA	0.20	U
Phenanthrene	NA	0.20	U		NA		NA		NA	0.20	U
Pesticide/PCB Analysis (UG/L)											
4,4'-DDD	NA	0.10	U		NA		NA	0.10	U	0.10	U
4,4'-DDE	NA	0.10	U		NA		NA	0.10	U	0.10	U
4,4'-DDT	NA	0.10	U		NA		NA	0.10	U	0.10	U
Aldrin	NA	0.050	U		NA		NA	0.050	U	0.050	U
alpha-BHC	NA	0.050	U		NA		NA	0.050	U	0.050	UJ
alpha-Chlordane	NA	0.050	U		NA		NA	0.050	U	0.050	U
Aroclor, Total	NA		NA		NA		NA	1.1	U		NA
Aroclor-1016	NA	1.0	U		NA		NA	1.0	U	1.0	U
Aroclor-1221	NA	0.25	U		NA		NA	2.0	U	0.25	U
Aroclor-1232	NA	1.0	U		NA		NA	1.0	U	1.0	U
Aroclor-1242	NA	1.0	U		NA		NA	1.0	U	1.0	U
Aroclor-1248	NA	1.0	U		NA		NA	1.0	U	1.0	U
Aroclor-1254	NA	0.25	U		NA		NA	1.0	U	0.25	U
Aroclor-1260	NA	0.25	U		NA		NA	1.0	U	0.25	U
Aroclor-1262	NA	0.28	U		NA		NA	1.0	U	0.28	U
Aroclor-1268	NA	1.0	U		NA		NA	1.0	U	1.0	U
beta-BHC	NA	0.050	U		NA		NA	0.050	U	0.050	U
delta-BHC	NA	0.050	U		NA		NA	0.050	U	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
Dieldrin	NA	0.050	U		NA		NA	0.10	U	0.050	U
Endosulfan I	NA	0.050	U		NA		NA	0.050	U	0.050	U
Endosulfan II	NA	0.10	U		NA		NA	0.10	U	0.10	U
Endosulfan Sulfate	NA	0.10	U		NA		NA	0.10	U	0.10	U
Endrin	NA	0.050	U		NA		NA	0.10	U	0.050	U
Endrin Aldehyde	NA	0.10	U		NA		NA	0.10	U	0.10	U
Endrin Ketone	NA	0.10	U		NA		NA	0.10	U	0.10	U
gamma-BHC	NA	0.050	U		NA		NA	0.050	U	0.050	UJ
gamma-Chlordane	NA	0.050	U		NA		NA	0.050	U	0.050	U
Heptachlor	NA	0.020	U		NA		NA	0.050	U	0.020	U
Heptachlor Epoxide	NA	0.020	U		NA		NA	0.050	U	0.020	U
Methoxychlor	NA	0.50	U		NA		NA	0.50	U	0.50	U
Toxaphene	NA	5.0	U		NA		NA	5.0	U	5.0	U
Dioxin Analysis (PG/L)											
1,2,3,4,6,7,8-HpCDD	NA	1.1	UJ		NA		NA		NA		NA
1,2,3,4,6,7,8-HpCDF	NA	0.50	UJ		NA		NA		NA		NA
1,2,3,4,7,8,9-HpCDF	NA	0.80	UJ		NA		NA		NA		NA
1,2,3,4,7,8-HxCDD	NA	0.70	UJ		NA		NA		NA		NA
1,2,3,4,7,8-HxCDF	NA	1.2	UJ		NA		NA		NA		NA
1,2,3,6,7,8-HxCDD	NA	0.70	UJ		NA		NA		NA		NA
1,2,3,6,7,8-HxCDF	NA	0.90	UEMPC		NA		NA		NA		NA
1,2,3,7,8,9-HxCDD	NA	0.80	UJ		NA		NA		NA		NA
1,2,3,7,8,9-HxCDF	NA	0.70	UJ		NA		NA		NA		NA
1,2,3,7,8-PeCDD	NA	1.2	UJ		NA		NA		NA		NA
1,2,3,7,8-PeCDF	NA	0.60	UJ		NA		NA		NA		NA
2,3,4,6,7,8-HxCDF	NA	0.60	UJ		NA		NA		NA		NA
2,3,4,7,8-PeCDF	NA	0.60	UJ		NA		NA		NA		NA
2,3,7,8-TCDD	NA	0.90	UJ		NA		NA		NA		NA
2,3,7,8-TCDF	NA	0.60	UJ		NA		NA		NA		NA
OCDD	NA	4.6	UEMPC		NA		NA		NA		NA
OCDF	NA	2.0	UEMPC		NA		NA		NA		NA
Total HpCDD	NA	1.1	UJ		NA		NA		NA		NA
Total HpCDF	NA	0.60	UJ		NA		NA		NA		NA
Total HxCDD	NA	6.7	UEMPC		NA		NA		NA		NA
Total HxCDF	NA	3.0	UEMPC		NA		NA		NA		NA
Total PeCDD	NA	5.1	UEMPC		NA		NA		NA		NA
Total PeCDF	NA	0.60	UJ		NA		NA		NA		NA
Total TCDD	NA	1.8	UEMPC		NA		NA		NA		NA
Total TCDF	NA	0.60	UJ		NA		NA		NA		NA
Toxicity Equivalency	NA	0.00	UJ		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number		OU2-MW-536S-07		GW-DP-01		GW-DP-02		SPDAG-E222,S132		OU2-MW-SPDA-E222,S132-07	
Sample Location		MW-536S		1002		1002		E222,S132		SPDA-E222,S132	
Date Sampled		1/8/2003		5/30/2002		5/31/2002		10/27/1993		2/3/2003	
Interval		0.0-0.0		0.0-0.0		0.0-0.0		-		0.0-0.0	
QC Identifier		None		None		None		None		None	
Zone		Overburden		Overburden		Overburden		Overburden		Overburden	
TAL Metal Analysis (UG/L)											
Aluminum	NA	55.6	U		NA		NA	366	J	303	U
Antimony	NA	2.3	U		NA		NA	60.0	U	2.3	U
Arsenic	NA	4.8	U		NA		NA	10.0	U	4.8	U
Barium	NA	8.1	U		NA		NA	200	U	1.8	U
Beryllium	NA	0.10	U		NA		NA	5.0	U	0.15	UJ
Cadmium	NA	0.30	U		NA		NA	2.0	UJ	0.30	U
Calcium	NA	4400			NA		NA	31600		30500	
Chromium	NA	0.60	U		NA		NA	10.0	U	0.95	J
Cobalt	NA	1.0	U		NA		NA		R	1.0	U
Copper	NA	0.60	U		NA		NA	2.5	U	3.0	U
Cyanide	NA		NA		NA		NA		NA		NA
Iron	NA	53.1	U		NA		NA	213	J	60.5	
Lead	NA	2.2	UJ		NA		NA	4.6	UJ	2.2	U
Magnesium	NA	1260			NA		NA	45900	J	52800	
Manganese	NA	34.6	U		NA		NA	29.8		23.6	
Mercury	NA	0.10	U		NA		NA	0.20	U	0.10	U
Nickel	NA	1.2	J		NA		NA		R	1.1	U
Potassium	NA	2000			NA		NA	20100	J	24600	
Selenium	NA	4.8	U		NA		NA	4.0	UJ	4.8	U
Silver	NA	0.60	U		NA		NA	10.0	U	0.60	U
Sodium	NA	3490			NA		NA	281000	J	345000	
Thallium	NA	4.7	U		NA		NA	7.8	J	4.7	U
Vanadium	NA	0.50	U		NA		NA	4.1	U	3.4	
Zinc	NA	1.6	J		NA		NA		R	3.6	
Wet Chemistry Analysis											
Alkalinity	NA	8.0	J		NA		NA		NA		NA
Carbon Dioxide	NA	11.0	J		NA		NA		NA		NA
Chloride	NA	3.49			NA		NA		NA		NA
Ferrous Iron	NA	0.030			NA		NA		NA		NA
Nitrate	NA	1.64			NA		NA		NA		NA
Nitrite-N	NA	0.050	UJ		NA		NA		NA		NA
Sulfate	NA	5.96			NA		NA		NA		NA
Sulfide	NA	0.50	UJ		NA		NA		NA		NA
Total Organic Carbon	NA	2.0	U		NA		NA		NA		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
Volatile Organic Analysis (UG/L)		
1,1,1-Trichloroethane	10	U
1,1,2,2-Tetrachloroethane		NA
1,1,2-Trichloro-1,2,2-trifluoroethane		NA
1,1,2-Trichloroethane	10	U
1,1-Dichloroethane	10	U
1,1-Dichloroethene	10	U
1,2,4-Trichlorobenzene		NA
1,2-Dibromo-3-chloropropane		NA
1,2-Dibromoethane		NA
1,2-Dichlorobenzene		NA
1,2-Dichloroethane	10	U
1,2-Dichloroethene (total)	10	U
1,2-Dichloropropane	10	U
1,3-Dichlorobenzene		NA
1,4-Dichlorobenzene		NA
1,4-Dioxane		NA
2-Butanone	10	U
2-Hexanone	10	U
4-Methyl-2-Pentanone	10	U
Acetone	10	U
Benzene	10	U
Bromodichloromethane	10	U
Bromoform	10	U
Bromomethane	10	U
Carbon Disulfide	3.5	
Carbon Tetrachloride	10	U
Chlorobenzene	10	U
Chloroethane	10	U
Chloroform	10	U
Chloromethane	10	U
cis-1,2-Dichloroethene		NA
cis-1,3-Dichloropropene	10	U
Cyclohexane		NA
Dibromochloromethane	10	U
Dichlorodifluoromethane		NA
Ethylbenzene	10	U
Isopropylbenzene		NA
Methyl Acetate		NA
Methyl tert-Butyl Ether		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
Methylcyclohexane		NA
Methylene Chloride	10	U
Styrene	10	U
Tetrachloroethene	10	U
Toluene	10	U
Total Xylenes	10	U
trans-1,2-Dichloroethene		NA
trans-1,3-Dichloropropene	10	U
Trichloroethene	10	U
Trichlorofluoromethane		NA
Vinyl Chloride	10	U
Dissolved Methane, Ethane, Ethene Analysis (UG/L)		
Ethane		NA
Ethene		NA
Methane		NA
Volatile Organic Screening Analysis (UG/L)		
1,1,1-Trichloroethane		NA
1,1-Dichloroethene		NA
Benzene		NA
Chlorobenzene		NA
cis-1,2-Dichloroethene		NA
Tetrachloroethene		NA
Toluene		NA
Trichloroethene		NA
Vinyl Chloride		NA
Semivolatile Organic Analysis (UG/L)		
1,1'-Biphenyl		NA
2,2'-oxybis(1-Chloropropane)		NA
2,4,5-Trichlorophenol		NA
2,4,6-Trichlorophenol		NA
2,4-Dichlorophenol		NA
2,4-Dimethylphenol		NA
2,4-Dinitrophenol		NA
2,4-Dinitrotoluene		NA
2,6-Dinitrotoluene		NA
2-Chloronaphthalene		NA
2-Chlorophenol		NA
2-Methylnaphthalene		NA
2-Methylphenol		NA
2-Nitroaniline		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
2-Nitrophenol		NA
3,3'-Dichlorobenzidine		NA
3-Nitroaniline		NA
4,6-Dinitro-2-methylphenol		NA
4-Bromophenyl-phenylether		NA
4-Chloro-3-methylphenol		NA
4-Chloroaniline		NA
4-Chlorophenyl-phenylether		NA
4-Methylphenol		NA
4-Nitroaniline		NA
4-Nitrophenol		NA
Acenaphthene		NA
Acenaphthylene		NA
Acetophenone		NA
Anthracene		NA
Atrazine		NA
Benzaldehyde		NA
Benzo(a)anthracene		NA
Benzo(a)pyrene		NA
Benzo(b)fluoranthene		NA
Benzo(g,h,i)perylene		NA
Benzo(k)fluoranthene		NA
Bis(2-Chloroethoxy)methane		NA
Bis(2-Chloroethyl)ether		NA
bis(2-Ethylhexyl)phthalate		NA
Butylbenzylphthalate		NA
Caprolactam		NA
Carbazole		NA
Chrysene		NA
Dibenzo(a,h)anthracene		NA
Dibenzofuran		NA
Diethylphthalate		NA
Dimethylphthalate		NA
Di-n-Butylphthalate		NA
Di-n-octylphthalate		NA
Fluoranthene		NA
Fluorene		NA
Hexachlorobenzene		NA
Hexachlorobutadiene		NA
Hexachlorocyclopentadiene		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
Hexachloroethane		NA
Indeno(1,2,3-cd)pyrene		NA
Isophorone		NA
Naphthalene		NA
Nitrobenzene		NA
N-Nitroso-di-n-propylamine		NA
N-Nitroso-diphenylamine		NA
Pentachlorophenol		NA
Phenanthrene		NA
Phenol		NA
Pyrene		NA
Low Concentration PAH (SIM) Analysis (UG/L)		
Acenaphthylene		NA
Benzo(a)anthracene		NA
Benzo(a)pyrene		NA
Benzo(b)fluoranthene		NA
Benzo(k)fluoranthene		NA
Chrysene		NA
Dibenzo(a,h)anthracene		NA
Indeno(1,2,3-cd)pyrene		NA
Phenanthrene		NA
Pesticide/PCB Analysis (UG/L)		
4,4'-DDD	0.10	U
4,4'-DDE	0.10	U
4,4'-DDT	0.10	U
Aldrin	0.050	U
alpha-BHC	0.050	U
alpha-Chlordane	0.050	U
Aroclor, Total	1.1	U
Aroclor-1016	1.0	U
Aroclor-1221	2.0	U
Aroclor-1232	1.0	U
Aroclor-1242	1.0	U
Aroclor-1248	1.0	U
Aroclor-1254	1.0	U
Aroclor-1260	1.0	U
Aroclor-1262	1.0	U
Aroclor-1268	1.0	U
beta-BHC	0.050	U
delta-BHC	0.050	U

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
Dieldrin	0.10	U
Endosulfan I	0.050	U
Endosulfan II	0.10	U
Endosulfan Sulfate	0.10	U
Endrin	0.10	U
Endrin Aldehyde	0.10	U
Endrin Ketone	0.10	U
gamma-BHC	0.050	U
gamma-Chlordane	0.050	U
Heptachlor	0.050	U
Heptachlor Epoxide	0.050	U
Methoxychlor	0.50	U
Toxaphene	5.0	U
Dioxin Analysis (PG/L)		
1,2,3,4,6,7,8-HpCDD		NA
1,2,3,4,6,7,8-HpCDF		NA
1,2,3,4,7,8,9-HpCDF		NA
1,2,3,4,7,8-HxCDD		NA
1,2,3,4,7,8-HxCDF		NA
1,2,3,6,7,8-HxCDD		NA
1,2,3,6,7,8-HxCDF		NA
1,2,3,7,8,9-HxCDD		NA
1,2,3,7,8,9-HxCDF		NA
1,2,3,7,8-PeCDD		NA
1,2,3,7,8-PeCDF		NA
2,3,4,6,7,8-HxCDF		NA
2,3,4,7,8-PeCDF		NA
2,3,7,8-TCDD		NA
2,3,7,8-TCDF		NA
OCDD		NA
OCDF		NA
Total HpCDD		NA
Total HpCDF		NA
Total HxCDD		NA
Total HxCDF		NA
Total PeCDD		NA
Total PeCDF		NA
Total TCDD		NA
Total TCDF		NA
Toxicity Equivalency		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Sample Number	SPDAG-E360,S250-AVG	
Sample Location	E360,S250	
Date Sampled	10/27/1993	
Interval	-	
QC Identifier	Field Duplicate 1018	
Zone	Overburden	
TAL Metal Analysis (UG/L)		
Aluminum		NA
Antimony		NA
Arsenic	8.35	
Barium		NA
Beryllium	5.0	U
Cadmium	2.0	U
Calcium	141500	
Chromium	10.0	U
Cobalt		NA
Copper		NA
Cyanide		NA
Iron	68.45	U
Lead	2.25	U
Magnesium	459500	
Manganese	65.4	
Mercury	0.20	U
Nickel		NA
Potassium	143000	
Selenium	4.0	U
Silver	5.5	U
Sodium	3725000	
Thallium	8.05	
Vanadium	8.0	U
Zinc		NA
Wet Chemistry Analysis		
Alkalinity		NA
Carbon Dioxide		NA
Chloride		NA
Ferrous Iron		NA
Nitrate		NA
Nitrite-N		NA
Sulfate		NA
Sulfide		NA
Total Organic Carbon		NA

U - Not detected; UJ - Detection limit approximate; J - Quantitation approximate;
* - From dilution analysis; R - Rejected; NA - Not Analyzed; EMPC - Est. Max. Possible Conc."

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	185	J	12.8	J	200	U	3010		26.3	J	45.3	J	260		217		200	U
ANTIMONY	60	U	60	U	60	UJ	14.4	J	60	U	60	U	60	U	60	U	60	UJ
ARSENIC	1.6	J	1.1	J	3.3	J	4.7	J	13.6	J	3	J	22.7	J	23.4	J	1	U
BARIUM	36.9	J	8.8	J	90.3	J	70.8	J	68.3	J	49.6	J	95.2	J	91.8	J	29.1	J
BERYLLIUM	5	UJ	5	UJ	5	U	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	U
CADMIUM	5	U	5.9		5	UJ	76.6	J	5	U	5	U	5	U	5	U	5	UJ
CALCIUM	19400		9480		33900		22900		42000		65900		48100		157000		13400	
CHROMIUM	8.6	J	10	U	10	U	21.1		10	U	13.2		10	U	10	U	10	U
COBALT	1.8	J	50	U	50	U	50	U	50	U	50	U	50	U	50	U	9.3	J
COPPER	2.3	J	6.2	J	2.1	J	108	J	25	UJ	25	UJ	1.7	J	25	UJ	25	UJ
CYANIDE	10	UJ	10	UJ	10	U	10	U	10	UJ	10	UJ	10	UJ	10	UJ	10	U
IRON	635	J	10.3	J	4870		16000		26200	J	45900	J	35300	J	47600	J	100	U
LEAD	10	UJ	10	UJ	10	UJ	27.3	J	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	20300		1770	J	26000		7830		19000		3210	J	9600		11400		3240	J
MANGANESE	5420		1.3	J	3440		796	J	2640		903		778		1650		2930	
MERCURY	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	U
NICKEL	5.5	J	11.7	J	5.9	J	30.8	J	40	UJ	40	UJ	40	UJ	40	UJ	30.8	J
POTASSIUM	4730	J	2740	J	5900	J	4670	J	9950	J	9680	J	9010	J	15000	J	5510	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	76700	J	43800	J	75600	J	36400	J	268000	J	69600	J	245000	J	80300	J	27800	J
THALLIUM	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
VANADIUM	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	60	UJ	60	UJ	15.1	J	670		3.9	J	4.3	J	64.1		15.7	J	14.2	J
Wet Chemistry Data (mg/L)																		
Alkalinity	110		52		120		120		380		320		430		400		9.5	
Carbon Dioxide, Free	26		13		30		48		170		190		310		180		14	
Chloride	56		27		73		34		300		37		210		200		45	
Nitrate (as Nitrogen)	0.94		0.8		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	3.1	J

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Sulfate	120		28		130		22		2	UJ	2	UJ	2	U	2	U	33	
Sulfide	0.5	UJ	0.82	J	0.5	U	1.3		0.5	U	0.5	U	0.82	J	2.3	J	0.5	U
TOC Result 1	2.2		2.3		3.2		4.5		72	J	44	J	68		31		1	U
TOC Result 2	2.2		2.6		3.5		5.2		70	J	43	J	66		29		1	U
TOC Result 3	2.2		2.3		3.5		4.6		73	J	44	J	68		32		1	U
TOC Result 4	2.1		2.3		3.2		5		60	J	44	J	67		31		1	U
Total Organic Carbon	2.2		2.4		3.4		4.8		69	J	44	J	68		31		1	U
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	1.5	U	1.5	U	1.5	U	380	U	3800	U	3800	U	7500	U	3800	U	1.5	U
Ethylene	1.5	U	1.5	U	1.5	U	380	U	3800	U	3800	U	7500	U	3800	U	1.5	U
Methane	10		1	U	3.4		2800		10000		5900		9200		6000		1	U
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	UJ	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	U	5	UJ	5	UJ	--	R	5	UJ	5	UJ	5	UJ	5	U
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	UJ	5	UJ	--	R	5	U	5	UJ	1.6	J	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
2-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	U
4-NITROPHENOL	11		10	U	3.2	J	10	U	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1.7	J	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	8.1		5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	2.2	J	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	2	J	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	--	R	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	--	R	5	U	5	U	6.7		5	U
NITROBENZENE	5	UJ	5	U	5	UJ	5	UJ	--	R	5	U	5	UJ	5	UJ	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	1.9	J	5	U
PENTACHLOROPHENOL	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1.6	J	5	U
PHENOL	5	U	5	U	5	U	5	U	5	U	4.7	J	5	U	5.6		5	U

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USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.23		0.1	U	0.57		0.63		2.1	D	0.1	U
ACENAPHTHENE	0.17		0.1	U	0.1	U	0.14		0.1	U	0.11		0.1	U	2	D	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	0.13		0.1	U	0.15		0.14		0.31		0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.32		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	--	R	--	R	--	R	0.33	J	0.1	U	0.1	U	--	R	--	R	--	R
BENZO(B)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.57		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.22		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.15		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	UJ	0.1	UJ	0.37	J	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.2		0.93		0.1	U	0.33		0.1	U	0.1	U	0.1	U
FLUORENE	0.23		0.1	U	0.1	U	0.16		0.1	U	0.1	U	0.22		2.3	D	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	0.29	J	0.39	U	0.83		0.98		5.7	D	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--	R	--	R	--	R	0.2	U	--	R	--	R	--	R
PHENANTHRENE	0.52		0.1	U	0.16		0.56		0.1	U	0.37		0.53		1.9	D	0.1	U
PYRENE	0.1	U	0.1	U	0.19		0.74		0.1	U	0.24		0.1	U	0.1	U	0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.095	J	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

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Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.025	J	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	--	R	0.05	U	--	R	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	6900	D	--		2100	D	11		5	U	5	U	5	U	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	4.4	J	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHANE	2100	D	--		1000	D	210	D	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHENE	1000	D	--		310	D	2.6	J	5	U	1.2	J	5	U	5	U	5	U
1,2,3-TRICHLOROBENZENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMOETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DIOXANE	--	R	--		--	R	--	R	490	J	--	R	560	J	--	R	--	R
2-BUTANONE	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	10	U	--		10	U	10	U	10	U	34		10	U	10	U	10	U
BENZENE	5	U	--		5	U	41		7.9		51		42		81		5	U
BROMOCHLOROMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOFORM	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U	5	UJ
BROMOMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON DISULFIDE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROBENZENE	4.8	J	--		3.9	J	5	U	3.6	J	5	U	5	U	5	U	5	U
CHLOROETHANE	55		--		19		230	D	30		5	U	5.9		5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
CHLOROFORM	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	780	D	--		390	D	2.9	J	5	U	5	U	5	U	5	U	5	U
CIS-1,3-DICHLOROPROPENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	5	UJ	--		5	U	48		9.6		220	D	17		130		5	U
DIBROMOCHLOROMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYLBENZENE	5	U	--		5	U	5	U	5	U	1.4	J	5	U	3.6	J	5	U
ISOPROPYLBENZENE	5	U	--		5	U	5	U	4.9	J	5	U	4.4	J	2.1	J	5	U
m,p-Xylene	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl acetate	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	5	UJ	--		23		330	D	67		1700	D	89		1100	D	5	U
METHYLENE CHLORIDE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-XYLENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
STYRENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	2.8	J	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TOLUENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRICHLOROETHENE	730	D	--		190		5	U	5	U	5	U	5	U	5	U	5	U
TRICHLOROFLUOROMETHANE	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
VINYL CHLORIDE	270	DJ	--		190		23		5	U	5	U	5	U	5	U	5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		98	D	--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		0.5	U	--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		36	D	--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		10	J	--		--		--		--		--		--		--	

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		0.5	U	--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
2-BUTANONE	--		5	U	--		--		--		--		--		--		--	
2-HEXANONE	--		5	U	--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		5	U	--		--		--		--		--		--		--	
ACETONE	--		5	U	--		--		--		--		--		--		--	
BENZENE	--		0.5	U	--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
BROMOFORM	--		0.5	U	--		--		--		--		--		--		--	
BROMOMETHANE	--		0.5	U	--		--		--		--		--		--		--	
CARBON DISULFIDE	--		0.5	U	--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROFORM	--		0.4	J	--		--		--		--		--		--		--	
CHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		25	D	--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		--		--		--		--		--	
Cyclohexane	--		0.5	U	--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
ETHYLBENZENE	--		0.5	U	--		--		--		--		--		--		--	

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
ISOPROPYLBENZENE	--		0.5	U	--		--		--		--		--		--		--	
m,p-Xylene	--		0.5	U	--		--		--		--		--		--		--	
Methyl acetate	--		0.5	U	--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		0.5	U	--		--		--		--		--		--		--	
Methylcyclohexane	--		0.5	U	--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
O-XYLENE	--		0.5	U	--		--		--		--		--		--		--	
STYRENE	--		0.5	U	--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
TOLUENE	--		0.5	U	--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		--		--		--		--		--	
TRICHLOROETHENE	--		10	J	--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
VINYL CHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		--		--		7.9	U	--		1.79	U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		--		--		42.1	U	--		54.7	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		3.68	U	--		1.09	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		2.73	U	--		2.19	U	--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		2.75	U	--		1.25	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		1.35	U	--		0.572	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		1.58	U	--		0.976	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		1.42	U	--		0.698	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		1.54	U	--		1.09	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		--		--		1.93	U	--		0.717	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		1.46	U	--		1.07	U	--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		1.57	U	--		0.825	U	--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		1.57	U	--		0.853	U	--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		1.33	U	--		0.646	U	--	

Well ID	CRA-2D		CRA-2S		CRA-4D		CRA-4S		CRA-5D		CRA-5S		CRA-6D		CRA-6S		MW-101D	
Station ID	OU2-CRA-2D		OU2-CRA-2S		OU2-CRA-4D		OU2-CRA-4S		OU2-CRA-5D		OU2-CRA-5S		OU2-CRA-6D		OU2-CRA-6S		OU2-MW-101D	
Date Sampled	11/5/2009		11/5/2009		11/5/2009		11/5/2009		11/9/2009		11/9/2009		11/6/2009		11/6/2009		11/5/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP		SHALLOW		DEEP	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		1.32	U	--		0.582	U	--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		2.78	U	--		1.06	U	--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		2.16	U	--		1.06	U	--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		0	U	--		0	UJ	--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		7.06	UJ	--		1.09	UJ	--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		5.8	UJ	--		5.18	UJ	--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		2.62	UJ	--		1.68	UJ	--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		1.46	UJ	--		0.976	UJ	--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		1.32	UJ	--		2.18	UJ	--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		1.57	UJ	--		0.853	UJ	--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		2.16	UJ	--		1.06	UJ	--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		2.78	UJ	--		4.08	J	--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentration

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	200	U	64.9	J	256		179	J	186	J	200	U	162	J	33.2	J	1200	
ANTIMONY	60	UJ	60	U	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	U	60	U
ARSENIC	8.6	J	9.1	J	82.8		0.44	J	1	J	3.8	J	3.3	J	0.28	J	3.2	J
BARIUM	85.5	J	21.5	J	82.9	J	57.2	J	200	U	424		72.3	J	8.6	J	70	J
BERYLLIUM	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
CADMIUM	5	UJ	5	U	5	UJ	3	J	5	UJ	5	UJ	5	UJ	2.8	J	5	U
CALCIUM	129000		124000		48000		489000		77000		336000		93600		78300		189000	
CHROMIUM	10	U	6.9	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
COPPER	25	UJ	25	UJ	5.4	J	3.4	J	1.7	J	36.1	J	3.5	J	1.8	J	1.3	J
CYANIDE	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
IRON	100	U	257000	J	51300		702	J	726	J	35200		3940	J	198	J	52.6	J
LEAD	10	UJ	10	UJ	4.2	J	10	UJ	10	UJ	69.2	J	3.2	J	10	UJ	10	UJ
MAGNESIUM	372000		210000		4660	J	230000		89100		32000		12100		19400		5000	U
MANGANESE	492		2250		330		9240		3940		2560		344		103		15	U
MERCURY	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	40	UJ	40	UJ	40	UJ	1.9	J	4.2	J	40	UJ	1.6	J	40	UJ	35	J
POTASSIUM	75100	J	84300	J	10300	J	33700	J	19400	J	23400	J	6800	J	13300	J	9780	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	2550000	J	1700000	J	14900	J	1370000	J	545000	J	127000	J	46300	J	130000	J	51000	J
THALLIUM	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
VANADIUM	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	60	UJ	12	J	82.2		10	J	3.3	J	31.9	J	5.8	J	10.5	J	2	J
Wet Chemistry Data (mg/L)																		
Alkalinity	680		340		140		110		230		590		210		330		410	
Carbon Dioxide, Free	46		410		100		14		44		120		49		34		1	U
Chloride	4600		2300		9.4		3700		710		180		72		150		130	
Nitrate (as Nitrogen)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Sulfate	1200		860	J	110		610		700		390		49		31		3.9	
Sulfide	27		2		3.3		0.52	J	0.5	U	0.5	UJ	0.5	UJ	8.3	J	10	J
TOC Result 1	13		19	J	2		1.4		2.6		20		4.5		9.1		180	
TOC Result 2	12		19	J	2.1		1.1		2.7		20		4.5		9		180	
TOC Result 3	13		19	J	2.1		1	U	2.3		21		4.5		9.2		180	
TOC Result 4	13		19	J	2.2		1	U	2.9		20		4.2		9.5		180	
Total Organic Carbon	13		19	J	2.1		1.1		2.6		20		4.4		9.2		180	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	75	U	75	U	300	U	15	U	300	U	1500	U	150	U	750	U	3800	U
Ethylene	75	U	75	U	300	U	15	U	300	U	1500	U	150	U	750	U	3800	U
Methane	240		520		990		23		700		4700		500		1500		8300	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U	5	UJ	9.8	J
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	UJ	5	UJ	5	UJ	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5.5	
2-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	100	D
4-NITROANILINE	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
4-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	1	J	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	5	U	5	U	5	U	3	J	5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	UJ	5	U	5	U	5	U	5	U	5	U	1.4	J	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	UJ	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	1.4	J	5	U	5	U	5	U	5	U	5	U	5	U	1600	D

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
PYRENE	5	UJ	5	U	5	U	5	U	5	U	5	U	1.1	J	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	1.3	D	0.1	U	0.1	U	0.37	
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.38	
ANTHRACENE	0.1	U	0.13		0.1	U	0.1	U	0.1	U	0.21	D	0.1	U	0.1	U	0.23	
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.42		0.1	U	0.1	U
BENZO(A)PYRENE	--	R	0.1	U	--	R	0.1	U	--	R	0.1	U	0.31	J	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.8		0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.26		0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.24		0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.55	J	0.16		0.19	
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.24	D	1.1	D	0.57		0.35	
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.58	D	0.1	U	0.1	U	0.96	D
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.25		0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.23	J	0.1	U	0.1	U	0.99	D
PENTACHLOROPHENOL	--	R	0.2	U	--	R	--	R	--	R	--	R	--	R	0.2	U	3.6	DJ
PHENANTHRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.34	D	0.1	U	0.49	D
PYRENE	0.14		0.13		0.1	U	0.14		0.1	U	0.18		0.98		0.44		0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	0.029	J	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		6.3		5	U	240	D	--		170		12		5	U
1,1,2,2-TETRACHLOROETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	--		--		5	U	5	U	2.5	J	--		5	U	5	U	5	U
1,1-DICHLOROETHANE	--		--		5	U	5	U	210	D	--		94		15		5	U
1,1-DICHLOROETHENE	--		--		5	U	5	U	510	D	--		290	D	8.8	U	5	U
1,2,3-TRICHLOROBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2-DIBROMOETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2-DICHLOROBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2-DICHLOROETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,2-DICHLOROPROPANE	--		--		5	U	5	UJ	5	U	--		5	U	5	U	5	U
1,3-DICHLOROBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,4-DICHLOROBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
1,4-DIOXANE	--		--		--	R	--	R	580	J	--		--	R	--	R	--	R
2-BUTANONE	--		--		10	U	10	U	10	U	--		10	U	10	U	10	U
2-HEXANONE	--		--		10	U	10	U	10	U	--		10	U	10	U	10	U
4-METHYL-2-PENTANONE	--		--		10	U	10	U	10	U	--		10	U	10	U	10	U
ACETONE	--		--		10	U	10	U	10	U	--		10	U	10	U	10	U
BENZENE	--		--		5	U	5	U	8.8		--		5	U	5	U	5	U
BROMOCHLOROMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
BROMODICHLOROMETHANE	--		--		5	U	5	UJ	5	U	--		5	U	5	U	5	U
BROMOFORM	--		--		5	U	5	U	5	UJ	--		5	U	5	U	5	U
BROMOMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
CARBON DISULFIDE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
CARBON TETRACHLORIDE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
CHLOROBENZENE	--		--		5	U	5	U	51		--		5	U	5	U	5	U
CHLOROETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CHLOROFORM	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
CHLOROMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	--		--		5	U	16		1600	DJ	--		130		12		5	U
CIS-1,3-DICHLOROPROPENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
Cyclohexane	--		--		5	U	5	UJ	5	U	--		5	U	5	U	5	U
DIBROMOCHLOROMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
ETHYLBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	3.4	J
ISOPROPYLBENZENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
m,p-Xylene	--		--		5	U	5	U	5	U	--		5	U	5	U	8	
Methyl acetate	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	--		--		5	U	5	U	5	U	--		22		6.9		5	U
Methylcyclohexane	--		--		5	U	5	UJ	5	U	--		5	U	5	U	5	U
METHYLENE CHLORIDE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
O-XYLENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5.3	U
STYRENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
TETRACHLOROETHENE	--		--		5	U	5	U	2.1	J	--		5	U	5	U	5	U
TOLUENE	--		--		5	U	5	U	5	U	--		5	U	5	U	12	
TRANS-1,2-DICHLOROETHENE	--		--		5	U	5	U	3.4	J	--		5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
TRICHLOROETHENE	--		--		5	U	17		420	D	--		190		5	U	5	U
TRICHLOROFLUOROMETHANE	--		--		5	U	5	U	5	U	--		5	U	5	U	5	U
VINYL CHLORIDE	--		--		5	U	5	U	100		--		8.9		21		5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,1,2-TRICHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,1-DICHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,1-DICHLOROETHENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
1,2,3-TRICHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2,4-TRICHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2-DIBROMOETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2-DICHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2-DICHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,2-DICHLOROPROPANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,3-DICHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
1,4-DICHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
2-BUTANONE	5	U	5	U	--		--		--		5	U	--		--		--	
2-HEXANONE	5	U	5	U	--		--		--		5	U	--		--		--	
4-METHYL-2-PENTANONE	5	U	5	U	--		--		--		5	U	--		--		--	
ACETONE	5	U	5	U	--		--		--		5	U	--		--		--	
BENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
BROMOCHLOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
BROMODICHLOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
BROMOFORM	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
BROMOMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CARBON DISULFIDE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CARBON TETRACHLORIDE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CHLOROBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CHLOROETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CHLOROFORM	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CHLOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CIS-1,2-DICHLOROETHENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
CIS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
Cyclohexane	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
DIBROMOCHLOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
DICHLORODIFLUOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
ETHYLBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
ISOPROPYLBENZENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
m,p-Xylene	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
Methyl acetate	0.5	U	--	R	--		--		--		--	R	--		--		--	
METHYL TERT-BUTYL ETHER	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
Methylcyclohexane	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
METHYLENE CHLORIDE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
O-XYLENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
STYRENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TETRACHLOROETHENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TOLUENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TRANS-1,2-DICHLOROETHENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TRICHLOROETHENE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
TRICHLOROFLUOROMETHANE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
VINYL CHLORIDE	0.5	U	0.5	U	--		--		--		0.5	U	--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		4.62	U	3.15	U	--		--		5.52	U	--		4.4	U	3.67	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		32	U	6.29	U	--		--		13.6	U	--		29.5	U	31.7	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		2.77	U	1.52	U	--		--		3.36	U	--		2.19	U	2.58	J
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		9.04	U	2.37	U	--		--		3.36	U	--		4.38	U	3.54	U
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		3.73	U	1.85	U	--		--		10.5	U	--		1.79	U	1.51	U
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		1.86	U	0.777	U	--		--		2.91	U	--		1.68	U	1.18	U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		2.14	U	2.46	U	--		--		3.15	U	--		2.04	U	1.66	U
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		2.11	U	0.742	U	--		--		1.06	UJ	--		1.63	U	0.86	U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		2.58	U	2.18	U	--		--		2.76	U	--		2.46	U	1.51	U
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		1.9	U	1.11	U	--		--		1.89	U	--		1.26	U	1.55	U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		2.23	U	2.87	U	--		--		3.42	U	--		2.34	U	1.27	U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		1.13	U	1.36	U	--		--		2.85	U	--		1.34	U	1.59	U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		1.83	U	1.95	U	--		--		1.86	U	--		1.89	U	1.21	U
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		1.36	U	0.851	U	--		--		1.27	U	--		1.89	U	0.877	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-101M		MW-101S		MW-102S		MW-104B		MW-104D		MW-104S		MW-110D		MW-110M		MW-110S	
Station ID	OU2-MW-101M		OU2-MW-101S		OU2-MW-102S		OU2-MW-104B		OU2-MW-104D		OU2-MW-104S		OU2-MW-110D		OU2-MW-110M		OU2-MW-110S	
Date Sampled	11/5/2009		11/9/2009		11/5/2009		11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/6/2009		11/6/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		BEDROCK		DEEP		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		1.51	U	1.29	U	--		--		0.992	U	--		1.65	U	0.686	U
2,3,7,8-TETRACHLORODIBENZOFURAN	--		2.54	U	1.62	U	--		--		1.54	U	--		2.08	U	1.01	U
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		2.64	U	2.38	U	--		--		2.29	U	--		2.75	U	1.56	U
Dioxin/Furan - Toxic Equivalent	--		0	U	0	UJ	--		--		0	UJ	--		0	UJ	0.0258	J
Heptachlorodibenzofuran (total)	--		2.03	UJ	1.52	UJ	--		--		3.36	UJ	--		3.98	UJ	4.54	*
Heptachlorodibenzo-p-dioxin (total)	--		20.4	UJ	2.37	UJ	--		--		3.36	UJ	--		9.61	UJ	7.75	UJ
Hexachlorodibenzofuran (total)	--		1.36	UJ	0.742	UJ	--		--		1.06	UJ	--		6.46	UJ	4.46	*
Hexachlorodibenzo-p-dioxin (total)	--		6.28	UJ	2.18	UJ	--		--		2.76	UJ	--		2.04	UJ	1.27	UJ
Pentachlorodibenzofuran (total)	--		1.13	UJ	1.29	UJ	--		--		0.992	UJ	--		1.34	UJ	0.686	UJ
Pentachlorodibenzo-p-dioxin (total)	--		1.83	UJ	1.95	UJ	--		--		1.86	UJ	--		1.89	UJ	1.21	UJ
Tetrachlorodibenzo(p)dioxin (total)	--		2.64	UJ	2.38	UJ	--		--		2.29	UJ	--		2.75	UJ	1.56	UJ
Tetrachlorodibenzofuran (total)	--		2.54	UJ	1.62	UJ	--		--		1.54	UJ	--		2.08	UJ	1.01	UJ

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	13200		13300		200	U	462		88.7	J	12.7	J	931		145	J	185	J
ANTIMONY	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ
ARSENIC	24.6		24.1		10.8	J	18.3	J	1	U	0.36	J	0.74	J	0.38	J	0.72	J
BARIUM	200	U	200	U	22.7	J	51.6	J	37.4	J	15.2	J	200	U	20.8	J	29.2	J
BERYLLIUM	5.8	J	5.7	J	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
CADMIUM	6.2	J	6.2	J	5	UJ	5	UJ	5	UJ	1.1	J	8.5	J	5	UJ	5	UJ
CALCIUM	82000		82100		98200		119000		388000		429000		66000		25000		33285	
CHROMIUM	10	U	10	U	10	U	10	U	10	U	10	U	3.1	J	10	U	2.7	U
COBALT	522	J	521	J	50	U	50	U	50	U	11.3	J	50	U	50	U	41.6	U
COPPER	25.5	J	24.3	J	25	UJ	9.1	J	1.4	J	1.8	J	3.4	J	25	UJ	2.2	J
CYANIDE	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	UJ
IRON	65300		65200		11900		3080	J	198		132		116	J	75.9	J	295	
LEAD	3.5	J	3	J	10	UJ	3.1	J	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	39300		39200		66600		24200		64900		154000		16100		2600	J	16372	
MANGANESE	24900		24600		26000		894		475		58800		3150		2.1	J	9411	
MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	342	J	342	J	3.8	J	2.4	J	40	UJ	21.5	J	9.1	J	40	UJ	29.9	J
POTASSIUM	4330	J	4340	J	11700	J	9550	J	6830	J	20000	J	9520	J	2930	J	5103	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	30600	J	30800	J	127000	J	47800	J	39800	J	102000	J	144000	J	26300	J	141930	J
THALLIUM	7	J	8.2	J	25	U	25	U	25	UJ	25	UJ	25	U	25	U	25	U
VANADIUM	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	700		695		60	UJ	9	J	8.7	J	9.5	J	2.4	J	60	UJ	28.2	J
Wet Chemistry Data (mg/L)																		
Alkalinity	1	U	1	U	130		260		140		120		25		56		100	
Carbon Dioxide, Free	1	U	1	U	59		33		9.6		55		26		18		74	
Chloride	170		170		180		64		91		250		300		41		120	
Nitrate (as Nitrogen)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	1.9		1.4		0.05	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.16		0.027		0.01	U
Sulfate	2900		2900		460		140		900		1400		180		18		190	
Sulfide	0.52	J	0.52	J	0.92	J	0.72	J	0.5	UJ	0.5	UJ	0.5	UJ	0.62	J	0.5	U
TOC Result 1	3.5		2.9		2.4		4.8		1	U	1.1	U	2.3		3.5		4.9	
TOC Result 2	3.2		2.9		2.7		4.7		1	U	1.5	U^	2.4		3.5		5	
TOC Result 3	3.1		2.8		2.7		4.8		1	U	1.4	U	2.4		3.6		5	^
TOC Result 4	2.9		2.8		2.6		5		1	U	1.4	U	2.1		3.4		4.8	
Total Organic Carbon	3.2		2.8		2.6		4.8		1	U	1.4	U	2.3		3.5		4.9	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	15	U	15	U	15	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	150	U
Ethylene	15	U	15	U	15	U	1.5	U	0.84		1.5	U	1.5	U	1.5	U	150	U
Methane	89		84		20		2.8		0.28		1	U	1	U	1	U	1300	B
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	**0.45**	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	U	5	U	5	U	5	UJ	5	UJ	5	UJ	5	U	5	U
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	U
2-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ
2-NITROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	--	R	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	5	U	5	U	--	R	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	UJ	10	U
4-NITROPHENOL	29		24		10	U	10	U	10	U	10	U	10	U	10	UJ	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
BIS(2-ETHYLHEXYL)PHTHALATE	2.1	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	4.1	J	5	U	5	U	2.6	J	5	U	5	U	5	U	1.2	J	8.4	
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	--	R	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
PENTACHLOROPHENOL	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U	10	U	10	UJ
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15		0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	--	R	--	R	--	R	0.1	U	0.1	U	--	R	--	R	--	R
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.44	J	0.37	J	0.1	U	0.1	U	0.1	U	0.1	U	0.23	J	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--	R	--	R	0.2	U	0.2	U	--	R	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	0.4		0.1	U	0.1	U	0.1	U	0.13		0.1	U	0.24	
PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.16		0.1	U	0.17	
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	--	R	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	--	R	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.025	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.059	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.03	J
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	4500	D	4800	D	610	D	170		--		5	U	--		5	U	53	
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,1,2-TRICHLOROETHANE	15		16		3.4	J	5	U	--		5	U	--		5	U	5	U
1,1-DICHLOROETHANE	360	DJ	390	DJ	240	D	64		--		5	U	--		5	U	260	D
1,1-DICHLOROETHENE	6900	D	7100	D	1400	D	280	D	--		5	U	--		2.5	J	270	D
1,2,3-TRICHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,2-DIBROMOETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,2-DICHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,2-DICHLOROETHANE	5	UJ	8.4	J	5	U	5	U	--		5	U	--		5	U	5	U
1,2-DICHLOROPROPANE	5	UJ	5	UJ	5	U	5	U	--		5	U	--		5	U	5	U
1,3-DICHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,4-DICHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
1,4-DIOXANE	--	R	--	R	--	R	--	R	--		--	R	--		--	R	--	R
2-BUTANONE	10	U	10	U	10	U	10	U	--		45	U	--		10	U	10	U
2-HEXANONE	10	U	10	U	10	U	10	U	--		10	U	--		10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U	10	U	10	U	--		10	U	--		10	U	10	U
ACETONE	10	U	10	U	10	U	10	U	--		10	U	--		10	U	10	U
BENZENE	2.2	J	2.3	J	3.9	J	5	U	--		5	U	--		5	U	4.3	J
BROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
BROMODICHLOROMETHANE	5	UJ	5	UJ	5	U	5	U	--		5	U	--		5	U	5	U
BROMOFORM	5	U	5	UJ	5	UJ	5	UJ	--		5	U	--		5	UJ	5	U
BROMOMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
CARBON DISULFIDE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
CHLOROBENZENE	19		21		9.1		5	U	--		5	U	--		5	U	280	D
CHLOROETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
CHLOROFORM	9.5		10		5	U	5	U	--		5	U	--		21		5	U
CHLOROMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
CIS-1,2-DICHLOROETHENE	720	DJ	760	DJ	880	DJ	190		--		5	U	--		5	U	390	D
CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
Cyclohexane	5	UJ	5	UJ	5	U	5	U	--		5	U	--		5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
ETHYLBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
ISOPROPYLBENZENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
m,p-Xylene	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
Methyl acetate	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	2.2	J	6		6.3		--		5	U	--		5	U	3.2	J
Methylcyclohexane	5	UJ	5	UJ	5	U	5	U	--		5	U	--		5	U	5	U
METHYLENE CHLORIDE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
O-XYLENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
STYRENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
TETRACHLOROETHENE	5.7		5.8		2.1	J	5	U	--		5	U	--		5	U	5	U
TOLUENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
TRICHLOROETHENE	770	D	800	D	60		93		--		5	U	--		5	U	28	
TRICHLOROFLUOROMETHANE	5	U	5	U	5	U	5	U	--		5	U	--		5	U	5	U
VINYL CHLORIDE	52		55		27		6.6		--		5	U	--		5	U	52	
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,1-DICHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,1-DICHLOROETHENE	--		--		--		--		0.5	U	--		0.5	U	--		--	

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2-DIBROMOETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2-DICHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2-DICHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,2-DICHLOROPROPANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,3-DICHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
1,4-DICHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
2-BUTANONE	--		--		--		--		33	U	--		630	D	--		--	
2-HEXANONE	--		--		--		--		5	U	--		5	U	--		--	
4-METHYL-2-PENTANONE	--		--		--		--		5	U	--		5	U	--		--	
ACETONE	--		--		--		--		5	U	--		5	U	--		--	
BENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
BROMOCHLOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
BROMODICHLOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
BROMOFORM	--		--		--		--		0.5	U	--		0.5	U	--		--	
BROMOMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CARBON DISULFIDE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CARBON TETRACHLORIDE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CHLOROBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CHLOROETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CHLOROFORM	--		--		--		--		0.5	U	--		3.6		--		--	
CHLOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
Cyclohexane	--		--		--		--		0.5	U	--		0.5	U	--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
ETHYLBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
ISOPROPYLBENZENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
m,p-Xylene	--		--		--		--		0.5	U	--		0.5	U	--		--	
Methyl acetate	--		--		--		--		--	R	--		0.5	U	--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		0.5	U	--		0.5	U	--		--	
Methylcyclohexane	--		--		--		--		0.5	U	--		0.5	U	--		--	
METHYLENE CHLORIDE	--		--		--		--		0.5	U	--		0.5	U	--		--	
O-XYLENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
STYRENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
TETRACHLOROETHENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
TOLUENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		0.5	U	--		0.5	U	--		--	
TRICHLOROETHENE	--		--		--		--		0.5	U	--		0.5		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		0.5	U	--		0.5	U	--		--	
VINYL CHLORIDE	--		--		--		--		0.5	U	--		0.5	U	--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		--		--		--		--		1.8	U	5.5	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		--		--		--		--		11.2	U	27.7	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		1.12	U	3.38	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.22	U	4.65	U
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		1.39	U	8.61	U
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		0.979	U	2.68	U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.42	U	2.22	U
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		0.925	U	1.18	U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.52	U	2.11	U
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		0.93	U	2.12	U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.3	U	2.26	U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		1.33	U	3.66	U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.25	U	1.69	U
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		0.887	U	1.44	U

Well ID	MW-111D		MW-111D		MW-111M		MW-112M		MW-201B		MW-201D		MW-203D		MW-203S		MW-204D	
Station ID	OU2-MW-111D		OU2-MW-DUP03		OU2-MW-111M		OU2-MW-112M		OU2-MW-201B		OU2-MW-201D		OU2-MW-203D		OU2-MW-203S		OU2-MW-204D	
Date Sampled	11/4/2009		11/4/2009		11/4/2009		11/4/2009		11/10/2009		11/10/2009		11/4/2009		11/4/2009		11/16/2009	
Sample Type	N		FD		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	DEEP		OU2-MW-111D		INTERMED OB		INTERMED OB		BEDROCK		DEEP		DEEP		SHALLOW		DEEP	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		1.03	U	1.19	U
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		1.69	U	2.35	U
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		1.46	U	2.39	U
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		0	U	0	UJ
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		1.12	UJ	3.38	UJ
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		1.22	UJ	8.82	U
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		0.887	UJ	1.18	UJ
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		1.3	UJ	2.11	UJ
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		1.03	UJ	1.19	UJ
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		1.25	UJ	1.69	UJ
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		1.46	UJ	2.39	UJ
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		1.69	UJ	2.35	UJ

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	258		200	UJ	200	UJ	200	UJ	3770		55000		1750		200	U	71.3	J
ANTIMONY	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	U	60	U	60	UJ
ARSENIC	62.3		34.8		9.2	J	0.54	J	11.2	J	61.5	J	5.8	J	6.9	J	56.1	
BARIUM	67.7	J	28.8	J	14.5	J	112	J	200	U	200	U	8.6	J	111	J	18.9	J
BERYLLIUM	5	UJ	5	UJ	5	UJ	5	UJ	3.3	J	12.8		0.95	J	5	UJ	5	U
CADMIUM	5	UJ	5	UJ	1.9	J	5	UJ	5	UJ	4.6	J	2.9	J	5	U	5	UJ
CALCIUM	13000		15448		17970		118550		126000		54200		143000		316000		103000	
CHROMIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	50	U	50	U	12.8	J	50	U	336		356		179		50	U	178	
COPPER	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25.1	J	25	UJ	25	UJ	25	UJ
CYANIDE	10	UJ	3.5	J	10	UJ	3.4	J	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
IRON	10800		3395		32728		4078		182000		176000		6980	J	10400	J	42200	
LEAD	10	UJ	10	UJ	10	UJ	10	UJ	2.1	J	10.8	J	10	UJ	10	UJ	10	UJ
MAGNESIUM	9610		9311		5167		22555		57000		38500		57200		40400		86200	
MANGANESE	1770		1620		1135		165		20600		12500		27400		1550		35300	
MERCURY	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ
NICKEL	3.9	J	2.7	J	40	UJ	40	UJ	248	J	438	J	138	J	40	UJ	62.5	J
POTASSIUM	3480	J	4088	J	5619	J	42786	J	6460	J	1260	J	4680	J	20800	J	7070	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	9.5	J	6	J	10	U	10	U	4.8	J
SODIUM	64000	J	63861	J	25167	J	435065	J	32800	J	10400	J	87600	J	163000	J	125000	J
THALLIUM	25	UJ	25	U	25	U	25	U	25	UJ	25	UJ	25	U	25	U	25	UJ
VANADIUM	50	UJ	50	U	50	U	50	U	50	UJ	50	UJ	50	U	50	U	50	UJ
ZINC	2.3	J	60	U	1.5	J	4.3	J	50.4	J	968		137		60	UJ	118	
Wet Chemistry Data (mg/L)																		
Alkalinity	130		120		91		130		170		1	U	25		660		110	
Carbon Dioxide, Free	31		25		76		9.8		280		1	U	44		51		95	
Chloride	29		29		43		970		130		210		89		290		200	
Nitrate (as Nitrogen)	--	R	0.05	U	0.05	U	0.05	U	--	R	--	R	0.12	J	0.37	J	0.05	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.012		0.015		0.01	U
Sulfate	62		59		12		76		2000		8500		1200	J	190	J	710	
Sulfide	0.7	J	0.5	U	0.5	U	0.84		0.9	J	0.5	J	0.5	U	0.5	U	0.7	J H
TOC Result 1	2.8		3.4		2.6		8		16		4		3.4	J	13	J	5.5	
TOC Result 2	3		3.1		2.8		8.3		16		3.5		3.6	J	13	J	5.1	
TOC Result 3	2.7		3.4		2.3		8		16		3.3		3.4	J	13	J	5.3	
TOC Result 4	2.7		3.2		2.4		7.8		16		3.2		3.5	J	13	J	5.3	
Total Organic Carbon	2.8		3.3		2.5		8		16		3.5		3.5	J	13	J	5.3	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	7.5	U	7.5	U	75	U	150	U	15	U	1.5	U	30	U	1.5	U	15	U
Ethylene	7.5	U	7.5	U	75	U	150	U	15	U	1.5	U	30	U	1.5	U	15	U
Methane	18		17		150		510		27		18		68		15		45	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	U	5	U	5	U	2.6	J	5	U	5	UJ	5	UJ	5	U
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	UJ	--	R	--	R	10	U	10	U	10	U	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	1.2	J	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U
4-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	9.2	J	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	3.2	J	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	5	U	8.6		8.9		7.9		5	U	5	U	5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	1.1	J	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	UJ	--	R	--	R	5	U	5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	10	U	10	UJ	10	U	10	U	10	U	10	U	10	UJ	10	UJ	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	1.6	J	5	U	5	U	5	U	5	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12		0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	5.4	DJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.11		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.11		0.64		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	--	R	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	UJ
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	UJ
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.11		0.1	U	0.1	U	1.5	D	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.12		0.1	U	0.1	U	0.15		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	0.43		0.1	U	0.1	U	0.16	U	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R
PHENANTHRENE	0.21		0.58		0.15		0.1	U	0.1	U	0.1	U	0.24		0.1	U	0.1	U
PYRENE	0.15		0.17		0.19		0.96	DJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.16	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	UJ
GAMMA-CHLORDANE	0.05	U	0.22	U	0.05	U	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.066		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	210	D	500	D	--		--		880	D	32000	D	3800	D	--		1400	D
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	--		--		8.9		5	U	5	U	--		5	U
1,1,2-TRICHLOROETHANE	5	U	5	U	--		--		16		19		4.5	J	--		5.5	
1,1-DICHLOROETHANE	68		120		--		--		430	D	1000	UD	84		--		370	D
1,1-DICHLOROETHENE	15		20		--		--		4200	D	16000	D	1300	D	--		1700	D
1,2,3-TRICHLOROBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2-DIBROMOETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2-DICHLOROETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,2-DICHLOROPROPANE	5	UJ	5	U	--		--		5	UJ	5	UJ	5	UJ	--		5	UJ
1,3-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,4-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
1,4-DIOXANE	--	R	--	R	--		--		--	R	--	R	--	R	--		--	R
2-BUTANONE	10	U	10	U	--		--		10	U	10	U	10	U	--		10	U
2-HEXANONE	10	U	10	U	--		--		10	U	10	U	10	U	--		10	U
4-METHYL-2-PENTANONE	10	U	10	U	--		--		10	U	10	U	10	U	--		10	U
ACETONE	10	U	10	U	--		--		360		10	U	10	U	--		10	U
BENZENE	5	U	5	U	--		--		5	U	5	UJ	1.7	J	--		3.5	J
BROMOCHLOROMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
BROMODICHLOROMETHANE	5	UJ	5	U	--		--		5	UJ	5	UJ	5	UJ	--		5	UJ
BROMOFORM	5	UJ	5	U	--		--		5	UJ	5	UJ	5	U	--		5	UJ
BROMOMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
CARBON DISULFIDE	5	U	5	U	--		--		9.9		5	U	5	U	--		5	U
CARBON TETRACHLORIDE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
CHLOROBENZENE	5	U	1.5	J	--		--		5	U	4.9	J	15		--		43	
CHLOROETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
CHLOROFORM	5	U	5	U	--		--		5.3		5	U	3.9	J	--		4.6	J
CHLOROMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
CIS-1,2-DICHLOROETHENE	94		92		--		--		5	U	5	U	180	DJ	--		1500	DJ
CIS-1,3-DICHLOROPROPENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
Cyclohexane	5	UJ	5	U	--		--		5	UJ	5	UJ	5	UJ	--		5	UJ
DIBROMOCHLOROMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
ETHYLBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
ISOPROPYLBENZENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
m,p-Xylene	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
Methyl acetate	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
METHYL TERT-BUTYL ETHER	5	U	5	U	--		--		5	U	5	U	2	J	--		5	U
Methylcyclohexane	5	UJ	5	U	--		--		5	UJ	5	UJ	5	UJ	--		5	UJ
METHYLENE CHLORIDE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
O-XYLENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
STYRENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
TETRACHLOROETHENE	5	U	5	U	--		--		5	U	5	U	3.7	J	--		5	U
TOLUENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
TRANS-1,2-DICHLOROETHENE	5	U	1.1	J	--		--		5	U	5	U	5	U	--		5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
TRICHLOROETHENE	4.2	J	5.5		--		--		12		48		1100	D	--		170	
TRICHLOROFLUOROMETHANE	5	U	5	U	--		--		5	U	5	U	5	U	--		5	U
VINYL CHLORIDE	150	D	440	D	--		--		5	U	5	U	22		--		290	D
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,1,2,2-TETRACHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,1,2-TRICHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,1-DICHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,1-DICHLOROETHENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2,4-TRICHLOROBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2-DIBROMOETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2-DICHLOROBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2-DICHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,2-DICHLOROPROPANE	--		--		0.5	U	0.5	U	--		--		--		0.5	UJ	--	
1,3-DICHLOROBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
1,4-DICHLOROBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
2-BUTANONE	--		--		5	U	5	U	--		--		--		5	U	--	
2-HEXANONE	--		--		5	U	5	U	--		--		--		5	U	--	
4-METHYL-2-PENTANONE	--		--		5	U	5	U	--		--		--		5	U	--	
ACETONE	--		--		5	U	5	U	--		--		--		5	U	--	
BENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
BROMOCHLOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
BROMODICHLOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	UJ	--	
BROMOFORM	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
BROMOMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CARBON DISULFIDE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CARBON TETRACHLORIDE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CHLOROBENZENE	--		--		1.1		0.5	U	--		--		--		0.5	U	--	
CHLOROETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CHLOROFORM	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CHLOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
CIS-1,2-DICHLOROETHENE	--		--		0.37	J	0.5	U	--		--		--		0.5	U	--	
CIS-1,3-DICHLOROPROPENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
Cyclohexane	--		--		0.5	U	0.5	U	--		--		--		0.5	UJ	--	
DIBROMOCHLOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
DICHLORODIFLUOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
ETHYLBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
ISOPROPYLBENZENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
m,p-Xylene	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
Methyl acetate	--		--		0.5	U	0.5	U	--		--		--		--	R	--	
METHYL TERT-BUTYL ETHER	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
Methylcyclohexane	--		--		0.5	U	0.5	U	--		--		--		0.5	UJ	--	
METHYLENE CHLORIDE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
O-XYLENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
STYRENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TETRACHLOROETHENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TOLUENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TRANS-1,2-DICHLOROETHENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TRANS-1,3-DICHLOROPROPENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TRICHLOROETHENE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
TRICHLOROFLUOROMETHANE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
VINYL CHLORIDE	--		--		0.5	U	0.5	U	--		--		--		0.5	U	--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		6.49	U	1.09	U	1.7	U	--		--		--		4.36	U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		9.88	U	4.82	U	4.46	U	--		--		--		8.97	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		2.94	U	1.43	U	0.645	U	--		--		--		2.2	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		2.76	U	0.916	U	0.897	U	--		--		--		1.76	U	--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		7.77	U	2.61	U	1.6	U	--		--		--		3.47	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		2.58	U	0.906	U	1.01	U	--		--		--		1.12	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		2.03	U	0.947	U	0.644	U	--		--		--		1.37	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		1.18	UJ	0.601	U	0.592	U	--		--		--		0.965	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		1.98	U	1.21	U	0.636	U	--		--		--		1.61	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		1.73	U	0.751	U	0.701	U	--		--		--		1.04	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		1.74	U	1.21	U	0.626	U	--		--		--		1.5	U	--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		2.73	U	1.21	U	0.88	U	--		--		--		1.04	U	--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		1.57	U	0.915	U	0.766	U	--		--		--		1.06	U	--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		1.77	U	0.526	U	0.509	U	--		--		--		0.656	U	--	

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-207MR		MW-207SR		MW-208S		MW-209S		MW-211B		MW-211D		MW-211M		MW-211S		MW-212D	
Station ID	OU2-MW-207MR		OU2-MW-207SR		OU2-MW-208S		OU2-MW-209S		OU2-MW-211B		OU2-MW-211D		OU2-MW-211M		OU2-MW-211S		OU2-MW-212D	
Date Sampled	11/3/2009		11/13/2009		11/12/2009		11/12/2009		11/3/2009		11/3/2009		11/9/2009		11/9/2009		11/2/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		SHALLOW		SHALLOW		BEDROCK		DEEP		INTERMED OB		SHALLOW		DEEP	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		1.47	U	0.564	U	0.451	U	--		--		--		1	U	--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		1.28	U	0.906	U	0.906	U	--		--		--		1.33	U	--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		1.47	U	1.41	U	1.08	U	--		--		--		1.16	U	--	
Dioxin/Furan - Toxic Equivalent	--		0	UJ	0	UJ	0	UJ	--		--		--		0	UJ	--	
Heptachlorodibenzofuran (total)	--		2.94	UJ	1.43	UJ	0.645	UJ	--		--		--		2.2	UJ	--	
Heptachlorodibenzo-p-dioxin (total)	--		2.76	UJ	2.55	UJ	1.7	UJ	--		--		--		4.62	UJ	--	
Hexachlorodibenzofuran (total)	--		1.18	UJ	0.526	UJ	0.509	UJ	--		--		--		0.656	UJ	--	
Hexachlorodibenzo-p-dioxin (total)	--		1.74	UJ	0.947	UJ	0.626	UJ	--		--		--		2.82	UJ	--	
Pentachlorodibenzofuran (total)	--		1.47	UJ	0.564	UJ	0.451	UJ	--		--		--		1	UJ	--	
Pentachlorodibenzo-p-dioxin (total)	--		1.57	UJ	0.915	UJ	0.766	UJ	--		--		--		1.06	UJ	--	
Tetrachlorodibenzo(p)dioxin (total)	--		1.47	UJ	1.41	UJ	1.08	UJ	--		--		--		1.16	UJ	--	
Tetrachlorodibenzofuran (total)	--		1.28	UJ	0.906	UJ	0.906	UJ	--		--		--		1.33	UJ	--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	38.5	J	24.2	J	--		16.5	J	200	UJ	66.9	J	38.1	J	200	U	200	U
ANTIMONY	60	UJ	60	UJ	--		60	UJ	60	U	60	UJ	60	UJ	60	UJ	60	UJ
ARSENIC	15.9	J	15.5	J	--		0.5	J	0.67	J	1	U	0.32	J	1	U	0.36	J
BARIUM	20	J	19.9	J	--		97.7	J	33.3	J	142	J	26.7	J	45.7	J	31.2	J
BERYLLIUM	5	U	5	U	--		5	U	5	U	5	UJ	5	U	5	U	5	U
CADMIUM	5	UJ	5	UJ	--		5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ
CALCIUM	47600		47900		--		51400		79600		84813		56000		36200		5350	
CHROMIUM	10	U	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U
COBALT	27.4	J	27.5	J	--		11.8	J	2	J	50	U	2.2	J	50	U	50	U
COPPER	25	UJ	25	UJ	--		2.3	J	25	U	1.4	J	1.8	J	25	UJ	1.7	J
CYANIDE	10	UJ	10	UJ	--		10	UJ	10	UJ	3.6	J	10	UJ	10	U	10	U
IRON	6850		6870		--		195		194		479		80.5	J	100	U	393	J
LEAD	10	UJ	10	UJ	--		10	UJ	10	U	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	47600		47600		--		47500		29800		16800		33800		18500		1640	J
MANGANESE	11900		11900		--		14800		577		91		247		3.5	J	13.9	J
MERCURY	0.2	UJ	0.2	UJ	--		0.2	U	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U
NICKEL	11.1	J	11.2	J	--		11.4	J	4.9	J	40	UJ	6.2	J	3.2	J	40	UJ
POTASSIUM	5890	J	5920	J	--		6120	J	5930		10436	J	4840	J	4160	J	2750	J
SELENIUM	35	U	35	U	--		35	U	35	U	35	U	35	U	35	U	3	J
SILVER	10	U	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	126000	J	127000	J	--		122000	J	124000		346050	J	137000	J	101000	J	97100	J
THALLIUM	25	UJ	25	UJ	--		25	UJ	25	U	25	U	25	UJ	25	U	25	U
VANADIUM	50	UJ	50	UJ	--		50	U	50	U	50	U	50	UJ	50	U	50	U
ZINC	10.9	J	10	J	--		60	UJ	19.4	J	89		1.7	J	60	UJ	60	UJ
Wet Chemistry Data (mg/L)																		
Alkalinity	--		180		180		180		180		32		150		91		35	
Carbon Dioxide, Free	--		48		49		46		35		12		29		28		13	
Chloride	--		140		150		130		200		760		200		140		100	
Nitrate (as Nitrogen)	--		0.05	U	0.05	U	1.2		0.25		5.5		2		4		9.4	

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
Nitrite (as Nitrogen)	--		0.01	U	0.01	U	0.027		0.1	U	0.01	U	0.027		0.01	U	0.01	U
Sulfate	--		180		240		190		160		32		150		87		29	
Sulfide	--		0.8	J	0.7	J	0.5	UJ	0.5	U	0.5	U	0.5	UJ H	0.5	UJ	0.72	J
TOC Result 1	--		5.2		3.9		6	U	4.8		9.9		1.4		2.4		3	
TOC Result 2	--		4.4		3.7		5.5	U^	4.6		9.6		1.4		2.3		2.8	
TOC Result 3	--		3.6		3.4		5.5	U	4.6		10		1.4		2.6		2.9	
TOC Result 4	--		4		3.9		5.3	U	4.6		9.9		1.3		2.4		2.7	
Total Organic Carbon	--		4.3		3.7		5.6	U	4.6		9.8		1.4		2.4		2.8	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	--		1.5	U	1.5	U	1.5	U	30	U	1.5	U	1.5	U	1.5	U	1.5	U
Ethylene	--		1.5	U	1.5	U	1.5	U	30	U	1.5	U	1.5	U	1.5	U	1.5	U
Methane	--		6.1		7.2		3.3		130		1	U	3.9		1	U	1	U
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	UJ	--		5	UJ	5	U	5	U	5	U	5	U	5	U
2,4-DINITROPHENOL	10	U	10	U	--		10	UJ	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	U	--		10	U	10	U	10	UJ	10	U	10	U	10	U
2-NITROPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	--		10	UJ	10	U	10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	--		10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	--		10	UJ	10	U	10	U	10	U	10	U	10	U
4-NITROPHENOL	10	U	10	U	--		12		10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	--		5	U	5	U	17		5	U	5	U	5	U
CARBAZOLE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	U	--		5	U	5	U	5	UJ	5	U	5	U	5	U
PENTACHLOROPHENOL	10	U	10	U	--		10	UJ	10	U	10	UJ	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
PYRENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	--		0.1	U	0.14		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	0.1	U	--		0.1	U	0.1	U	--	R	0.1	U	--	R	--	R
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	UJ	--		0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	UJ	--		0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ	0.1	UJ
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	--		0.1	U	0.24		0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--		0.2	U	--	R	--	R	--	R	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	--		0.1	U	0.22		0.1	U	0.1	U	0.1	U	0.1	U
PYRENE	0.1	U	0.1	U	--		0.1	U	0.29		0.12	J	0.1	U	0.1	U	0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	--	R	--		--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	--		0.05	U	0.05	U	0.17	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	UJ	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	--		0.05	U	0.05	U	0.25	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	--		0.05	U	0.05	U	0.069		0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	--		5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	2800	D	2700	D	--		1700	D	120	J	5.7		530	D	110		6.2	
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	3.4	J	2.7	J	--		5	U	5	UJ	5	U	2	J	5	U	5	U
1,1-DICHLOROETHANE	470	D	450	D	--		440	D	140	J	11		190		72		4.6	J
1,1-DICHLOROETHENE	740	D	710	D	--		380	D	210	DJ	8		670	D	150		9.7	
1,2,3-TRICHLOROBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2-DIBROMOETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	UJ	5	UJ	--		5	UJ	5	UJ	5	U	5	UJ	5	U	5	U
1,3-DICHLOROBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
1,4-DIOXANE	--	R	--	R	--		--	R	--	R	--	R	--	R	--	R	--	R
2-BUTANONE	10	U	10	U	--		10	U	10	UJ	10	U	10	U	10	U	10	U
2-HEXANONE	10	U	10	U	--		10	U	10	UJ	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U	--		10	U	10	UJ	10	U	10	U	10	U	10	U
ACETONE	10	U	10	U	--		10	U	10	UJ	10	U	10	U	10	U	10	U
BENZENE	5	U	5	UJ	--		2.1	J	5	UJ	5	U	5	U	5	U	5	U
BROMOCHLOROMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	UJ	5	UJ	--		5	UJ	5	UJ	5	U	5	UJ	5	U	5	U
BROMOFORM	5	UJ	5	UJ	--		5	U	5	UJ	5	U	5	UJ	5	UJ	5	UJ
BROMOMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
CARBON DISULFIDE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
CHLOROBENZENE	22		20		--		19		10	J	5	U	5	U	5	U	5	U
CHLOROETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
CHLOROFORM	3.6	J	2.8	J	--		2.9	J	5	UJ	5	U	5	U	5	U	5	U
CHLOROMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	1500	DJ	1400	DJ	--		600	D	240	DJ	16		280	D	95	J	6.1	
CIS-1,3-DICHLOROPROPENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
Cyclohexane	5	UJ	5	UJ	--		5	UJ	5	UJ	5	U	5	UJ	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
ETHYLBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
ISOPROPYLBENZENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
m,p-Xylene	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
Methyl acetate	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	5	U	--		5	U	3.6	J	5	U	46		5	U	5	U
Methylcyclohexane	5	UJ	5	UJ	--		5	UJ	5	UJ	5	U	5	UJ	5	U	5	U
METHYLENE CHLORIDE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
O-XYLENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
STYRENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	3.1	J	2.5	J	--		2.6	J	2.4	J	5	U	3.2	J	5	U	5	U
TOLUENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
TRICHLOROETHENE	680	D	680	D	--		910	D	480	DJ	15		660	D	150		9.7	
TRICHLOROFLUOROMETHANE	5	U	5	U	--		5	U	5	UJ	5	U	5	U	5	U	5	U
VINYL CHLORIDE	200		190		--		130	D	9.2	J	5	U	5	U	5	U	5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	
CHLOROFORM	--		--		--		--		--		--		--		--		--	
CHLOROMETHANE	--		--		--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
Cyclohexane	--		--		--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
ETHYLBENZENE	--		--		--		--		--		--		--		--		--	

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
ISOPROPYLBENZENE	--		--		--		--		--		--		--		--		--	
m,p-Xylene	--		--		--		--		--		--		--		--		--	
Methyl acetate	--		--		--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		--		--		--		--		--	
Methylcyclohexane	--		--		--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		--		--		--		--		--		--		--		--	
O-XYLENE	--		--		--		--		--		--		--		--		--	
STYRENE	--		--		--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		--		--		--		--		--		--		--		--	
TOLUENE	--		--		--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
TRICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
VINYL CHLORIDE	--		--		--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		1.62	U	--		42.1	J	--		2.64	U	2.91	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		3.72	U	--		186		--		4.06	U	38.2	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		1.5	U	--		8.73	J	--		1.38	U	1.77	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		1.77	U	--		31.3	J	--		1.57	U	2.08	U
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		2.05	U	--		8.29	U	--		1.85	U	2.12	U
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		1.03	U	--		3.45	U	--		1.1	U	0.81	U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		1.76	U	--		2.06	U	--		1.49	U	1.19	U
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		1.17	U	--		1.33	UJ	--		1.05	U	0.724	U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		1.69	U	--		1.8	U	--		1.86	U	1.24	U
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		1.25	U	--		2.13	U	--		1.13	U	1.06	U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		1.84	U	--		1.63	U	--		1.65	U	1.36	U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		1.77	U	--		4.54	U	--		1.13	U	1.34	U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		1.18	U	--		1.74	U	--		1.69	U	1.28	U
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		1.11	U	--		1.9	U	--		0.951	U	0.756	U

Well ID	MW-212M		MW-212M		MW-212M		MW-212S		MW-213B		MW-213S		MW-214D		MW-214M		MW-214S	
Station ID	OU2-GW-DUP02		OU2-MW-212M		OU2-MW-DUP02		OU2-MW-212S		OU2-MW-213B		OU2-MW-213S		OU2-MW-214D		OU2-MW-214M		OU2-MW-214S	
Date Sampled	11/2/2009		11/2/2009		11/2/2009		11/10/2009		10/27/2009		11/13/2009		11/2/2009		11/5/2009		11/5/2009	
Sample Type	FD		N		FD		N		N		N		N		N		N	
AQUIFER/Parent Sample	INTERMED OB - OU2-MW-212M		INTERMED OB		INTERMED OB - OU2-MW-212M		SHALLOW		BEDROCK		SHALLOW		DEEP		INTERMED OB		SHALLOW	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		1.27	U	--		2.32	U	--		0.852	U	1.03	U
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		1.76	U	--		1.91	U	--		1.88	U	1.93	U
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		1.73	U	--		2.12	U	--		2.12	U	1.97	U
Dioxin/Furan - Toxic Equivalent	--		--		--		0	U	--		0.469	J	--		0	U	0	UJ
Heptachlorodibenzofuran (total)	--		--		--		1.5	UJ	--		57	*	--		1.38	UJ	1.77	UJ
Heptachlorodibenzo-p-dioxin (total)	--		--		--		1.77	UJ	--		49.9	J	--		1.57	UJ	5.17	UJ
Hexachlorodibenzofuran (total)	--		--		--		1.03	UJ	--		53.6	*	--		0.951	UJ	0.724	UJ
Hexachlorodibenzo-p-dioxin (total)	--		--		--		1.69	UJ	--		1.86	J	--		1.49	UJ	1.19	UJ
Pentachlorodibenzofuran (total)	--		--		--		1.27	UJ	--		16.6	*	--		0.852	UJ	1.03	UJ
Pentachlorodibenzo-p-dioxin (total)	--		--		--		1.18	UJ	--		1.74	UJ	--		1.69	UJ	1.28	UJ
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		1.73	UJ	--		2.12	UJ	--		2.12	UJ	1.97	UJ
Tetrachlorodibenzofuran (total)	--		--		--		1.76	UJ	--		1.91	UJ	--		1.88	UJ	1.93	UJ

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	200	UJ	163	J	57.2	J	67.5	J	27.6	J	200	UJ	23.7	J	222		18.5	J
ANTIMONY	60	U	60	UJ	60	U	60	UJ	60	UJ	60	U	60	UJ	60	UJ	60	U
ARSENIC	1	U	1	U	0.77	J	1	U	1	U	1	U	1	U	1	U	--	
BARIUM	18.4	J	30.3	J	12.5	J	40	J	49.5	J	16.8	J	132	J	64.8	J	24.8	J
BERYLLIUM	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CADMIUM	2	J	5	UJ	5	U	5	UJ	5	U	5	U	5	UJ	5	U	5	U
CALCIUM	20200		17547		8280		17000		426000		33400		35200		433000		34900	
CHROMIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	11.6	J	50	U	50	UJ	50	U	50	UJ	50	UJ	50	U	50	UJ	50	UJ
COPPER	25	U	25	UJ	25	U	25	UJ	25	UJ	25	U	0.71	J	25	UJ	25	U
CYANIDE	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
IRON	100	U	272		5710		90.9	J	168		100	U	32.3	J	346		47.7	J
LEAD	10	U	10	UJ	10	U	10	UJ	10	U	10	U	10	UJ	10	U	10	U
MAGNESIUM	6620		5607		3760	J	3080	J	104000		8880		5380		143000		34700	
MANGANESE	9.1	J	9.8	J	171		29.1		49.5		1340		15	U	124		59.9	
MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	40	U	40	UJ	40	U	40	UJ	40	U	40	U	40	UJ	40	U	3.9	J
POTASSIUM	4280	J	4041	J	4360	J	1810	J	9940		4790	J	11400	J	18500		2620	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	26300		23879	J	204000		42700	J	287000		55100		58800	J	600000		67100	
THALLIUM	25	U	25	U	25	U	25	UJ	25	U	25	U	25	UJ	25	U	25	U
VANADIUM	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	60	U	18.8	J	60	U	60	UJ	60	U	60	U	18.7	J	60	U	60	U
Wet Chemistry Data (mg/L)																		
Alkalinity	26		11		36		7.1		170		42		21		55		91	
Carbon Dioxide, Free	20		8.4		26		7.3		15		18		17		6.2		24	
Chloride	50		45		350		71		1200		110		120		2200		110	
Nitrate (as Nitrogen)	5		3.4		0.39		0.05	U	0.097		8.9		6.8		0.05	U	4.9	

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.01	U	0.01	UJ H	0.01	UJ H	0.01	U	0.076		0.01	U
Sulfate	30		41		19		8.1		610		37		30		280		120	
Sulfide	1.1	U	0.5	U	1.5	J	0.5	UJ	1.1	J	1.4	J	0.5	UJ	0.5	U	0.6	UJ
TOC Result 1	1	U	1		2.8		1	U	1.7		1	U	1	U	1	U	1	U
TOC Result 2	1	U	1.1		2.7		1	U	1.3		1	U	1	U	1	U	1	U
TOC Result 3	1	U	1		2.7		1	U	1.3		1	U	1	U	1	U	1	U
TOC Result 4	1	U	1	U	2.8		1	U	1	U	1	U	1	U	1	U	1	U
Total Organic Carbon	1	U	1		2.7		1	U	1.3		1	U	1	U	1	U	1	U
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	1.5	U	1.5	U	300	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Ethylene	1.5	U	1.5	U	300	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Methane	5.3		1	U	720		1	U	0.8	J	1	U	1	U	4.6		1	U
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	UJ	10	U	10	U	10	U	10	U	--	R	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
4-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	1	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	4.7	J	19		5	U	5	U	5	U	2.2	J	5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
NITROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	UJ	5	U	5	U	5	U	5	U	--	R	5	U	5	U
PENTACHLOROPHENOL	10	U	10	UJ	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
PHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	UJ	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	--	R	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	U	0.1	UJ	0.1	U	0.1	UJ	0.1	UJ	0.1	U	0.1	UJ	0.1	UJ
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.19		0.1	U	0.1	U	0.1		0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--	R	0.2	U	--	R	--	R	0.2	U	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PYRENE	0.1	U	0.14		0.1	U	0.1	U	0.18		0.1	U	0.1	U	0.12		0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.13		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.049	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		2.2	J	--		4.3	J	5	UJ	--		14		520	D
1,1,2,2-TETRACHLOROETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,1,2-TRICHLOROETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	6.3	
1,1-DICHLOROETHANE	--		--		5.1	J	--		14	J	5	UJ	--		17		640	D
1,1-DICHLOROETHENE	--		--		5.8	J	--		9.9	J	2.4	J	--		35		690	D
1,2,3-TRICHLOROBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2,4-TRICHLOROBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2-DIBROMOETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2-DICHLOROBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2-DICHLOROETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,2-DICHLOROPROPANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,3-DICHLOROBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,4-DICHLOROBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
1,4-DIOXANE	--		--		--	R	--		--	R	--	R	--		--	R	350	J
2-BUTANONE	--		--		10	UJ	--		10	UJ	10	UJ	--		10	U	10	U
2-HEXANONE	--		--		10	UJ	--		10	UJ	10	UJ	--		10	U	10	U
4-METHYL-2-PENTANONE	--		--		10	UJ	--		10	UJ	10	UJ	--		10	U	10	U
ACETONE	--		--		10	UJ	--		10	UJ	10	UJ	--		10	U	10	U
BENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
BROMOCHLOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
BROMODICHLOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
BROMOFORM	--		--		5	UJ	--		5	UJ	5	UJ	--		5	UJ	5	UJ
BROMOMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
CARBON DISULFIDE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
CARBON TETRACHLORIDE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
CHLOROBENZENE	--		--		5	UJ	--		10	J	5	UJ	--		5	U	5	U
CHLOROETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
CHLOROFORM	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	3.5	J
CHLOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
CIS-1,2-DICHLOROETHENE	--		--		7.7	J	--		14	J	5	UJ	--		39	J	880	D
CIS-1,3-DICHLOROPROPENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
Cyclohexane	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
DIBROMOCHLOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
DICHLORODIFLUOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
ETHYLBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
ISOPROPYLBENZENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
m,p-Xylene	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
Methyl acetate	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
METHYL TERT-BUTYL ETHER	--		--		5	UJ	--		360	DJ	4.3	J	--		5	U	2.1	J
Methylcyclohexane	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
METHYLENE CHLORIDE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
O-XYLENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
STYRENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
TETRACHLOROETHENE	--		--		5	UJ	--		14	J	5	UJ	--		3.4	J	7.3	
TOLUENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
TRANS-1,2-DICHLOROETHENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
TRANS-1,3-DICHLOROPROPENE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
TRICHLOROETHENE	--		--		14	UJ	--		43	J	5	UJ	--		330	D	1900	D
TRICHLOROFLUOROMETHANE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
VINYL CHLORIDE	--		--		5	UJ	--		5	UJ	5	UJ	--		5	U	5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	4.1		0.59		--		0.5	U	--		--		0.5	U	--		--	
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,1,2-TRICHLOROETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,1-DICHLOROETHANE	2.1		0.28	J	--		0.5	U	--		--		0.4	J	--		--	
1,1-DICHLOROETHENE	4.5		0.5	U	--		0.5	U	--		--		0.5	U	--		--	

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
1,2,3-TRICHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,2,4-TRICHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	UJ	--		--	
1,2-DIBROMO-3-CHLOROPROPANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,2-DIBROMOETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,2-DICHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,2-DICHLOROETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,2-DICHLOROPROPANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,3-DICHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
1,4-DICHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
2-BUTANONE	5	U	5	U	--		5	U	--		--		5	U	--		--	
2-HEXANONE	5	U	5	U	--		5	U	--		--		5	U	--		--	
4-METHYL-2-PENTANONE	5	U	5	U	--		5	U	--		--		5	U	--		--	
ACETONE	5	U	5	U	--		5	U	--		--		5	U	--		--	
BENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
BROMOCHLOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
BROMODICHLOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
BROMOFORM	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
BROMOMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CARBON DISULFIDE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CARBON TETRACHLORIDE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CHLOROBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CHLOROETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CHLOROFORM	0.5	U	0.38	J	--		0.5	U	--		--		0.5	U	--		--	
CHLOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
CIS-1,2-DICHLOROETHENE	3.5		0.44	J	--		0.5	U	--		--		0.5	U	--		--	
CIS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
Cyclohexane	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
DIBROMOCHLOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
DICHLORODIFLUOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
ETHYLBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
ISOPROPYLBENZENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
m,p-Xylene	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
Methyl acetate	0.5	U	0.5	U	--		--	R	--		--		0.5	U	--		--	
METHYL TERT-BUTYL ETHER	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
Methylcyclohexane	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
METHYLENE CHLORIDE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
O-XYLENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
STYRENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
TETRACHLOROETHENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
TOLUENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
TRANS-1,2-DICHLOROETHENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
TRICHLOROETHENE	9.7	U	1.3		--		0.5	U	--		--		0.5	U	--		--	
TRICHLOROFLUOROMETHANE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
VINYL CHLORIDE	0.5	U	0.5	U	--		0.5	U	--		--		0.5	U	--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		1.49	U	--		1.75	U	--		--		1.76	U	--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		7.25	U	--		3.56	U	--		--		20.2	U	--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		1.41	U	--		1.31	U	--		--		0.979	U	--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		0.976	U	--		1.73	U	--		--		1.62	U	--		--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		2.85	U	--		1.64	U	--		--		1.93	U	--		--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		1.14	U	--		0.99	U	--		--		1.01	U	--		--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		0.817	U	--		1.24	U	--		--		1.02	U	--		--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		0.685	U	--		0.938	U	--		--		0.748	U	--		--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		0.786	U	--		1.23	U	--		--		1.12	U	--		--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		0.935	U	--		1.11	U	--		--		1.14	U	--		--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		0.711	U	--		1.31	U	--		--		0.906	U	--		--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		1.46	U	--		1.05	U	--		--		1.26	U	--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		1.11	U	--		1.48	U	--		--		1.33	U	--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		0.517	U	--		0.854	U	--		--		0.742	U	--		--	

Well ID	MW-215B		MW-215S		MW-217D		MW-217S		MW-301B		MW-301D		MW-301S		MW-302B		MW-302D	
Station ID	OU2-MW-215B		OU2-MW-215S		OU2-MW-217D		OU2-MW-217S		OU2-MW-301B		OU2-MW-301D		OU2-MW-301S		OU2-MW-302B		OU2-GW-DUP01	
Date Sampled	10/29/2009		11/12/2009		10/30/2009		11/10/2009		10/29/2009		10/29/2009		11/10/2009		10/28/2009		10/28/2009	
Sample Type	N		N		N		N		N		N		N		N		FD	
AQUIFER/Parent Sample	BEDROCK		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		SHALLOW		BEDROCK		DEEP - OU2-MW-302D	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		0.68	U	--		0.807	U	--		--		0.764	U	--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		1.54	U	--		2.15	U	--		--		1.13	U	--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		1.29	U	--		1.82	U	--		--		1.02	U	--		--	
Dioxin/Furan - Toxic Equivalent	--		0	UJ	--		0	UJ	--		--		0	UJ	--		--	
Heptachlorodibenzofuran (total)	--		1.41	UJ	--		1.31	UJ	--		--		0.979	UJ	--		--	
Heptachlorodibenzo-p-dioxin (total)	--		2.5	UJ	--		1.73	UJ	--		--		3.44	UJ	--		--	
Hexachlorodibenzofuran (total)	--		0.517	UJ	--		0.854	UJ	--		--		0.742	UJ	--		--	
Hexachlorodibenzo-p-dioxin (total)	--		0.711	UJ	--		1.23	UJ	--		--		0.906	UJ	--		--	
Pentachlorodibenzofuran (total)	--		0.68	UJ	--		0.807	UJ	--		--		0.764	UJ	--		--	
Pentachlorodibenzo-p-dioxin (total)	--		1.11	UJ	--		1.48	UJ	--		--		1.33	UJ	--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		1.29	UJ	--		1.82	UJ	--		--		1.02	UJ	--		--	
Tetrachlorodibenzofuran (total)	--		1.54	UJ	--		2.15	UJ	--		--		1.13	UJ	--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
CLP TAL Total Metals (ug/L)																
ALUMINUM	384		200	U	15.6	J	--		89.5	J	200	UJ	116	J	40.2	J
ANTIMONY	60	U	60	UJ	60	UJ	--		60	UJ	60	UJ	60	U	60	UJ
ARSENIC	1	U	1	U	1	U	--		0.45	J	1.1		0.65	J	0.23	J
BARIUM	27.5	J	87.5	J	68.5	J	--		25.4	J	22.9	J	36.3	J	11.1	J
BERYLLIUM	5	U	5	U	5	UJ	--		5	UJ	5	U	5	U	5	U
CADMIUM	5	U	5	UJ	5	UJ	--		5	UJ	5	U	5	U	5	UJ
CALCIUM	35300		23300		22911		--		278000		288000		28500		26900	
CHROMIUM	10	U	10	U	10	U	--		10	U	6.7	J	10	U	10	U
COBALT	1.8	J	50	U	50	U	--		34	J	3.2	J	50	UJ	50	U
COPPER	25	U	25	UJ	25	UJ	--		27.6	J	25	UJ	25	U	5	J
CYANIDE	10	UJ	10	UJ	10	UJ	--		10	UJ	10	UJ	10	UJ	10	UJ
IRON	531		100	U	36.4	J	--		1570		2870		390		58.5	J
LEAD	10	U	10	UJ	10	UJ	--		10	UJ	10	U	10	U	10	UJ
MAGNESIUM	35300		8440		5069		--		302000		173000		4370	J	5320	
MANGANESE	88		1.3	J	174		--		81800		44500		49.5		30.5	
MERCURY	0.2	U	0.2	U	0.2	U	--		0.2	UJ	0.2	U	0.2	U	0.2	UJ
NICKEL	4.1	J	40	UJ	40	UJ	--		27	J	4.8	J	40	U	3	J
POTASSIUM	2820	J	3710	J	6923	J	--		32300	J	18900		5240		4050	J
SELENIUM	35	U	35	U	35	U	--		35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	--		7.7	J	5.3	J	10	U	10	U
SODIUM	67300		76300	J	46676	J	--		1790000	J	945000		47300		31900	J
THALLIUM	25	U	25	UJ	25	U	--		25	UJ	25	U	25	U	25	UJ
VANADIUM	50	U	3.4	J	50	U	--		50	UJ	50	U	50	U	50	UJ
ZINC	60	U	6.2	J	60	U	--		19	J	60	U	60	U	33.6	J
Wet Chemistry Data (mg/L)																
Alkalinity	92		17		24		--		300		340		38		86	
Carbon Dioxide, Free	24		12		22		--		56		44		17		21	
Chloride	120		130		80		--		2400		780		94		35	
Nitrate (as Nitrogen)	4.9		5.3		4.1	J	--		--	R	0.05	U	3.9		9.3	

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	--		0.01	U	0.01	U	0.01	U	0.28	
Sulfate	130		25		22		--		3200		2600		16		30	
Sulfide	0.5	UJ	0.5	UJ	0.5	UJ	--		0.5	UJ	0.5	U	0.5	U	0.5	J H
TOC Result 1	1.5		1	U	1.2	J	--		3.7		6.5		1	U	2	
TOC Result 2	1.2		1	U	1	U	--		3.6		6.4		1.3		2	
TOC Result 3	1	U	1	U	1	U	--		3.6		6.8		1	U	2.1	
TOC Result 4	1	U	1	U	1	U	--		3.6		6.6		1.1		1.9	
Total Organic Carbon	1	U	1	U	1	U	--		3.6		6.6		1.1		2	
Methane, Ethane, Ethene (MEE) (ug/L)																
Ethane	1.5	U	1.5	U	1.5	U	--		750	U	75	U	1.5	U	1.5	U
Ethylene	1.5	U	1.5	U	1.5	U	--		750	U	75	U	1.5	U	1.5	U
Methane	1	U	1	U	0.31	J	--		720		420		1	U	0.27	
CLP PCB Aroclors (ug/L)																
AROCLOR 1016	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																
1,1'-Biphenyl	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
2,4-DICHLOROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	UJ	5	UJ	5	U	--		5	U	5	U	5	U	5	U
2,4-DINITROPHENOL	10	U	10	U	10	U	--		10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	U	--	R	--		10	U	10	U	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	UJ	10	U	--		10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	--		10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	UJ	10	U	--		10	U	10	U	10	U	10	U
4-NITROPHENOL	10	U	10	U	10	U	--		10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	6.2		--		5	U	5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	U	--	R	--		5	U	5	U	5	U	5	U
PENTACHLOROPHENOL	10	U	10	UJ	10	U	--		10	U	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
PYRENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																
2-METHYLNAPHTHALENE	0.1	UJ	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	U	0.1	U	--		0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	U	0.1	U	0.1	U	--		0.1	UJ	0.1	U	0.1	U	0.1	UJ
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.12		0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.18		0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	0.2	U	--	R	--		--	R	--	R	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
PYRENE	0.1	U	0.1	U	0.1	U	--		0.12		0.16		0.14		0.1	U
CLP Pesticides (ug/L)																
4,4'-DDD	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.22		0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
ENDOSULFAN I	0.05	U	--	R	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.034	J	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
CLP Volatile Organic Compounds (ug/L)																
1,1,1-TRICHLOROETHANE	490	D	6.8	U	--		--		45	D	20	J	5	UJ	--	
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,1,2-TRICHLOROETHANE	5.5		5	U	--		--		5	U	5	UJ	5	UJ	--	
1,1-DICHLOROETHANE	670	D	3	J	--		--		81		240	DJ	5	UJ	--	
1,1-DICHLOROETHENE	680	D	8.3	U	--		--		240	D	180	J	5	UJ	--	
1,2,3-TRICHLOROBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2,4-TRICHLOROBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2-DIBROMOETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2-DICHLOROETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,2-DICHLOROPROPANE	5	U	5	U	--		--		5	UJ	5	UJ	5	UJ	--	
1,3-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,4-DICHLOROBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
1,4-DIOXANE	360	J	--	R	--		--		--	R	350	J	--	R	--	
2-BUTANONE	10	U	10	U	--		--		10	U	10	UJ	10	UJ	--	
2-HEXANONE	10	U	10	U	--		--		10	U	10	UJ	10	UJ	--	
4-METHYL-2-PENTANONE	10	U	10	U	--		--		10	U	10	UJ	10	UJ	--	
ACETONE	10	U	10	U	--		--		10	U	10	UJ	10	UJ	--	
BENZENE	5	U	5	U	--		--		2.7	J	8.5	J	5	UJ	--	
BROMOCHLOROMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
BROMODICHLOROMETHANE	5	U	5	U	--		--		5	UJ	5	UJ	5	UJ	--	
BROMOFORM	5	UJ	5	U	--		--		5	UJ	5	UJ	5	UJ	--	
BROMOMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
CARBON DISULFIDE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
CARBON TETRACHLORIDE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
CHLOROBENZENE	5	U	5	U	--		--		17		7.6	J	5	UJ	--	
CHLOROETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
CHLOROFORM	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
CHLOROMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
CIS-1,2-DICHLOROETHENE	920	D	4.6	J	--		--		670	DJ	640	DJ	5	UJ	--	
CIS-1,3-DICHLOROPROPENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
Cyclohexane	5	U	5	U	--		--		5	UJ	5	UJ	5	UJ	--	
DIBROMOCHLOROMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
DICHLORODIFLUOROMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
ETHYLBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
ISOPROPYLBENZENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
m,p-Xylene	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
Methyl acetate	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
METHYL TERT-BUTYL ETHER	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
Methylcyclohexane	5	U	5	U	--		--		5	UJ	5	UJ	5	UJ	--	
METHYLENE CHLORIDE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
O-XYLENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
STYRENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
TETRACHLOROETHENE	6.6		5	U	--		--		5	U	5	UJ	5	UJ	--	
TOLUENE	5	U	5	U	--		--		5	U	27	J	5	UJ	--	
TRANS-1,2-DICHLOROETHENE	5	U	5	U	--		--		5	U	3	J	5	UJ	--	
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
TRICHLOROETHENE	1900	D	12		--		--		490	D	11	UJ	5	UJ	--	
TRICHLOROFLUOROMETHANE	5	U	5	U	--		--		5	U	5	UJ	5	UJ	--	
VINYL CHLORIDE	5	U	5	U	--		--		55		42	J	5	UJ	--	
CLP Trace VOCs (ug/L)																
1,1,1-TRICHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,1,2,2-TETRACHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		0.5	U	--		--		--		--		0.5	U
1,1,2-TRICHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,1-DICHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,1-DICHLOROETHENE	--		--		0.5	U	--		--		--		--		0.5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
1,2,3-TRICHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
1,2,4-TRICHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
1,2-DIBROMO-3-CHLOROPROPANE	--		--		0.5	U	--		--		--		--		0.5	U
1,2-DIBROMOETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,2-DICHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
1,2-DICHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
1,2-DICHLOROPROPANE	--		--		0.5	U	--		--		--		--		0.5	U
1,3-DICHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
1,4-DICHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
2-BUTANONE	--		--		5	U	--		--		--		--		5	U
2-HEXANONE	--		--		5	U	--		--		--		--		5	U
4-METHYL-2-PENTANONE	--		--		5	U	--		--		--		--		5	U
ACETONE	--		--		5	U	--		--		--		--		5	U
BENZENE	--		--		0.5	U	--		--		--		--		0.5	U
BROMOCHLOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
BROMODICHLOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
BROMOFORM	--		--		0.5	U	--		--		--		--		0.5	U
BROMOMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
CARBON DISULFIDE	--		--		0.5	U	--		--		--		--		0.5	U
CARBON TETRACHLORIDE	--		--		0.5	U	--		--		--		--		0.5	U
CHLOROBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
CHLOROETHANE	--		--		0.5	U	--		--		--		--		0.5	U
CHLOROFORM	--		--		0.5	U	--		--		--		--		0.5	U
CHLOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
CIS-1,2-DICHLOROETHENE	--		--		0.5	U	--		--		--		--		0.5	U
CIS-1,3-DICHLOROPROPENE	--		--		0.5	U	--		--		--		--		0.5	U
Cyclohexane	--		--		0.5	U	--		--		--		--		0.5	U
DIBROMOCHLOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
DICHLORODIFLUOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
ETHYLBENZENE	--		--		0.5	U	--		--		--		--		0.5	U

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
ISOPROPYLBENZENE	--		--		0.5	U	--		--		--		--		0.5	U
m,p-Xylene	--		--		0.5	U	--		--		--		--		0.5	U
Methyl acetate	--		--		0.5	U	--		--		--		--		--	R
METHYL TERT-BUTYL ETHER	--		--		0.5	U	--		--		--		--		0.5	U
Methylcyclohexane	--		--		0.5	U	--		--		--		--		0.5	U
METHYLENE CHLORIDE	--		--		0.5	U	--		--		--		--		0.5	U
O-XYLENE	--		--		0.5	U	--		--		--		--		0.5	U
STYRENE	--		--		0.5	U	--		--		--		--		0.5	U
TETRACHLOROETHENE	--		--		0.5	U	--		--		--		--		0.5	U
TOLUENE	--		--		0.5	U	--		--		--		--		0.5	U
TRANS-1,2-DICHLOROETHENE	--		--		0.5	U	--		--		--		--		0.5	U
TRANS-1,3-DICHLOROPROPENE	--		--		0.5	U	--		--		--		--		0.5	U
TRICHLOROETHENE	--		--		0.5	U	--		--		--		--		0.5	U
TRICHLOROFLUOROMETHANE	--		--		0.5	U	--		--		--		--		0.5	U
VINYL CHLORIDE	--		--		0.5	U	--		--		--		--		0.5	U
Dioxins and Furans (pg/L)																
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		1.83	U	1.39	U	1.09	U	--		--		--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		3.87	U	13.3	U	13.6	U	--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		1.54	U	0.703	U	0.856	U	--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		0.924	U	1.25	U	1.12	U	--		--		--		--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		1.82	U	1.51	U	1.67	U	--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		0.783	U	0.678	U	0.763	U	--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		1	U	1.01	U	0.615	U	--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		1.03	U	0.54	U	0.576	U	--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		1.12	U	0.717	U	0.695	U	--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		0.716	U	0.482	U	0.596	U	--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		1.32	U	0.716	U	0.745	U	--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		1.04	U	0.742	U	1.06	U	--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		0.905	U	0.624	U	0.7	U	--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		0.699	U	0.468	U	0.463	U	--		--		--		--	

Well ID	MW-302D		MW-302S		MW-309S		MW-309S		MW-310B		MW-310D		MW-310S		MW-501B	
Station ID	OU2-MW-302D		OU2-MW-302S		OU2-MW-309S		OU2-MW-DUP06		OU2-MW-310B		OU2-MW-310D		OU2-MW-310S		OU2-MW-501B	
Date Sampled	10/28/2009		11/10/2009		11/11/2009		11/11/2009		11/3/2009		10/27/2009		10/27/2009		11/2/2009	
Sample Type	N		N		N		FD		N		N		N		N	
AQUIFER/Parent Sample	DEEP		SHALLOW		UPGRADIENT SHALLOW		UPGRAD./SHALLOW - OU2-MW-309S		BEDROCK		DEEP		SHALLOW		UPGRADIENT BEDROCK	
Chemical																
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		0.728	U	0.453	U	0.484	U	--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		1.51	U	0.918	U	0.992	U	--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		1.58	U	0.898	U	1.16	U	--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		0	UJ	0	UJ	0	UJ	--		--		--		--	
Heptachlorodibenzofuran (total)	--		1.54	UJ	0.703	UJ	0.856	UJ	--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		1.3	UJ	2.99	UJ	2.3	UJ	--		--		--		--	
Hexachlorodibenzofuran (total)	--		0.699	UJ	0.468	UJ	0.463	UJ	--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		1	UJ	0.716	UJ	0.615	UJ	--		--		--		--	
Pentachlorodibenzofuran (total)	--		0.728	UJ	0.453	UJ	0.484	UJ	--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		0.905	UJ	0.624	UJ	0.7	UJ	--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		1.58	UJ	0.898	UJ	1.16	UJ	--		--		--		--	
Tetrachlorodibenzofuran (total)	--		11	J	0.918	UJ	0.992	UJ	--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	34.8	J	22	J	331		262		45.9	J	200	U	196	J	200	U	237	
ANTIMONY	60	U	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ	60	UJ
ARSENIC	1	U	1	U	55.9		2.8	J	1	U	0.91	J	1.3	J	163		0.52	J
BARIUM	26.1	J	200	UJ	155	J	64.1	J	105	J	55	J	51.8	J	27.1	J	27.1	J
BERYLLIUM	5	U	5	UJ	5	UJ	5	U	5	U	5	UJ	5	U	5	U	5	UJ
CADMIUM	5	U	5	UJ	5	UJ	1.5	J	5	UJ	5	UJ	1.8	J	5	UJ	5	UJ
CALCIUM	22500		24600		145955		120000		73300		224405		144000		62200		50800	
CHROMIUM	5	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	50	UJ	50	U	50	U	9.8	J	50	U	50	U	34.7	J	50	U	8.5	J
COPPER	25	U	25	UJ	25	UJ	1.7	J	25	UJ	4	J	2.9	J	25	UJ	1.1	J
CYANIDE	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	5.7	J	10	UJ	10	UJ	18.1	J
IRON	250		100	UJ	16326		530		100	U	329		423		41700		510	
LEAD	10	U	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	8550		6093		85437		124000		27300		49507		117000		35400		22700	
MANGANESE	3.1	J	59.2		8351		23900		604		169		35700		6140		689	
MERCURY	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	UJ
NICKEL	40	U	40	UJ	40	UJ	11.1	J	40	UJ	40	UJ	22	J	40	UJ	5.4	J
POTASSIUM	2930	J	5000	U	12217	J	10200	J	3170	J	8133	J	12900	J	8020	J	4790	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	34500		20360	J	132870	J	210000	J	73300	J	80990	J	231000	J	128000	J	123000	J
THALLIUM	25	U	25	U	25	U	25	UJ	25	UJ	25	U	25	UJ	25	UJ	25	UJ
VANADIUM	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	UJ
ZINC	21.4	J	60	U	10.8	J	60	UJ	113		5	J	4.6	J	60	UJ	60	UJ
Wet Chemistry Data (mg/L)																		
Alkalinity	24		24		420		200		73		190		130		280		93	
Carbon Dioxide, Free	16		32		67		50		61		11		70		93		26	
Chloride	83		48		390		370		200		220		410		170		98	
Nitrate (as Nitrogen)	4.3		5.3		0.05	U	83	J	1.9	J	55	J	110	J	0.05	U	38	J

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
Nitrite (as Nitrogen)	0.01	U	0.01	U	0.01	U	0.021		0.01	U	0.01	U	0.059		0.01	U	0.25	
Sulfate	23		23		87		340		77		300		280		72		200	
Sulfide	1.2	J	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ
TOC Result 1	1	U	2.2		9.8		5.3	J	2.6	J	4.2		7.5	J	8.6	J	2.5	
TOC Result 2	1	U	1.9		9.4		6.6	J^	1.9	J^	4.2		7	J^	8.1	J^	2.5	
TOC Result 3	1	U	1.8		9.4		6.2	J	4.1	J	4		6.8	J	8.8	J	2.5	
TOC Result 4	1	U	1.7		9.4		6.6	J	3.6	J	4.6		6.6	J	8	J	2.5	
Total Organic Carbon	1	U	1.9		9.5		6.2	J	3.1	J	4.2		7	J	8.4	J	2.5	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	1.5	U	1.5	U	15	U	1.5	U	1.5	U	1.5	U	150	U	150	U	30	U
Ethylene	1.5	U	1.5	U	15	U	2.1		1.5	U	1.5	U	150	U	150	U	30	U
Methane	1	U	1	U	85		18		1	U	4.4		190	B	630	B	73	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	UJ	5	U	5	U	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	UJ
2,4-DINITROPHENOL	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
2-NITROANILINE	10	U	10	UJ	--	R	--	R	--	R	--	R	--	R	--	R	10	U
2-NITROPHENOL	5	U	5	U	5	U	8.7		5	U	5	U	25		5	U	5.3	
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	--	R
3-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	2.8	J	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	1	J	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	5	U	5	U	3.4	J	5	U	--	R
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	UJ
4-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-NITROPHENOL	10	U	10	U	10	U	290	D	10	U	5.6	J	440	D	10	U	180	D
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U	5	UJ
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	UJ
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
Caprolactam	5	U	12		9.8		5	U	5	U	13		5	U	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	U	5	UJ
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	--	R
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	UJ	5	U	5	U	5	UJ	5	UJ	5	UJ
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
N-NITROSODIPHENYLAMINE	5	U	5	UJ	--	R	--	R	--	R	5	U	--	R	--	R	5	U
PENTACHLOROPHENOL	10	U	10	UJ	10	U	10	U	10	U	10	U	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	UJ	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.11	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.13	J	0.45		0.14	
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.2		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	U
BENZO(A)PYRENE	0.1	U	--	R	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	UJ	0.1	UJ
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.1	U	0.1	U	0.17		0.1	U	0.1	U	1.2	D	0.81		0.43	J
PENTACHLOROPHENOL	--	R	--	R	--	R	--	R	--	R	--	R	0.21	J	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PYRENE	0.1	U	0.1	U	0.16		0.1	U	0.1	U	0.11		0.12		0.1	UJ	0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.032	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.07	
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
ENDOSULFAN I	0.05	U	0.033	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	--	R	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.058		0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	5	UJ	--		5	U	28		5	U	10		45		5	U	1800	D
1,1,2,2-TETRACHLOROETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	5	UJ	--		5	U	2.4	J	5	U	1.1	J	4	J	5	U	5	U
1,1-DICHLOROETHANE	5	UJ	--		19		79		6.4		25		64		5	U	20	
1,1-DICHLOROETHENE	5	UJ	--		8.5		57		5	U	55		75		5	U	1400	D
1,2,3-TRICHLOROBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMOETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
1,3-DICHLOROBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DIOXANE	--	R	--		--	R	--	R	--	R	--	R	--	R	--	R	--	R
2-BUTANONE	10	UJ	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	10	UJ	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	UJ	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	10	UJ	--		10	U	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	5	UJ	--		2.8	J	5.7		5	U	5	U	7.1		5	U	4.7	J
BROMOCHLOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
BROMOFORM	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
BROMOMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON DISULFIDE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROBENZENE	5	UJ	--		54		110		5	U	2.1	J	100		9.9		14	
CHLOROETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
CHLOROFORM	5	UJ	--		5	U	15		5	U	2	J	22		5	U	5	
CHLOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	5	UJ	--		210	D	1100	D	9		92		610	D	32		26	
CIS-1,3-DICHLOROPROPENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
DIBROMOCHLOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYLBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPROPYLBENZENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
m,p-Xylene	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl acetate	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	12	
Methylcyclohexane	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	UJ
METHYLENE CHLORIDE	5	UJ	--		5	U	19		5	U	4	J	68		5	U	42	
O-XYLENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
STYRENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	5	UJ	--		5	U	9.5		5	U	1.1	J	15		5	U	51	
TOLUENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	UJ	--		5	U	2.7	J	5	U	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRICHLOROETHENE	5	UJ	--		2.4	J	3600	D	5	U	470	D	5800	D	5	U	880	D
TRICHLOROFLUOROMETHANE	5	UJ	--		5	U	5	U	5	U	5	U	5	U	5	U	5	U
VINYL CHLORIDE	5	UJ	--		18		170		5	U	5	U	82		26		5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		0.5	U	--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		0.5	U	--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
2-BUTANONE	--		5	U	--		--		--		--		--		--		--	
2-HEXANONE	--		5	U	--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		5	U	--		--		--		--		--		--		--	
ACETONE	--		5	U	--		--		--		--		--		--		--	
BENZENE	--		0.5	U	--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
BROMOFORM	--		0.5	U	--		--		--		--		--		--		--	
BROMOMETHANE	--		0.5	U	--		--		--		--		--		--		--	
CARBON DISULFIDE	--		0.5	U	--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROBENZENE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROETHANE	--		0.5	U	--		--		--		--		--		--		--	
CHLOROFORM	--		0.5	U	--		--		--		--		--		--		--	
CHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		--		--		--		--		--	
Cyclohexane	--		0.5	U	--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
ETHYLBENZENE	--		0.5	U	--		--		--		--		--		--		--	

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
ISOPROPYLBENZENE	--		0.5	U	--		--		--		--		--		--		--	
m,p-Xylene	--		0.5	U	--		--		--		--		--		--		--	
Methyl acetate	--		0.5	U	--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		0.5	U	--		--		--		--		--		--		--	
Methylcyclohexane	--		0.5	U	--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
O-XYLENE	--		0.5	U	--		--		--		--		--		--		--	
STYRENE	--		0.5	U	--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
TOLUENE	--		0.5	U	--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		--		--		--		--		--	
TRICHLOROETHENE	--		0.5	U	--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		0.5	U	--		--		--		--		--		--		--	
VINYL CHLORIDE	--		0.5	U	--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		6.74	U	1.24	U	--		3.21	U	--		--		2.16	U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		12	U	7.79	U	--		3.77	U	--		--		4.37	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		2.13	U	0.831	U	--		0.884	U	--		--		0.986	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		2.07	U	0.863	U	--		1.46	U	--		--		1.77	U	--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		8.75	U	1.8	U	--		1.8	U	--		--		2	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		2.31	U	0.965	U	--		0.959	U	--		--		1.1	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		1.39	U	0.892	U	--		1.24	U	--		--		1.04	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		1.07	UJ	0.614	U	--		0.728	U	--		--		0.671	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		1.5	UJ	0.888	U	--		1.21	U	--		--		1.2	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		1.7	U	0.814	U	--		1.09	U	--		--		1.1	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		1.38	UJ	0.873	U	--		1.15	*	--		--		0.97	U	--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		2.65	U	0.945	U	--		1.27	U	--		--		1.53	U	--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		1.32	U	1.01	U	--		1.18	U	--		--		1.16	U	--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		1.05	U	0.492	U	--		0.676	U	--		--		0.654	U	--	

Well ID	MW-501D		UPGRADIENT MW-501S		MW-502S		MW-504D		MW-504S		MW-505B		MW-505D		MW-505M		MW-506D	
Station ID	OU2-MW-501D		OU2-MW-501S		OU2-MW-502S		OU2-MW-504D		OU2-MW-504S		OU2-MW-505B		OU2-MW-505D		OU2-MW-505M		OU2-MW-506D	
Date Sampled	10/30/2009		11/12/2009		11/12/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/11/2009		11/3/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	UPGRADIENT DEEP		SHALLOW		SHALLOW		DEEP		SHALLOW		BEDROCK		DEEP		INTERMED OB		DEEP	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		1.07	U	0.412	U	--		0.6	U	--		--		0.672	U	--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		1.63	U	0.794	U	--		1.03	U	--		--		1.38	U	--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		1.65	U	0.946	U	--		1.17	U	--		--		1.42	U	--	
Dioxin/Furan - Toxic Equivalent	--		0	UJ	0	UJ	--		0.115	J	--		--		0	UJ	--	
Heptachlorodibenzofuran (total)	--		2.13	UJ	0.831	UJ	--		0.884	UJ	--		--		0.986	UJ	--	
Heptachlorodibenzo-p-dioxin (total)	--		2.07	UJ	1.6	UJ	--		1.46	UJ	--		--		1.77	UJ	--	
Hexachlorodibenzofuran (total)	--		1.05	UJ	0.492	UJ	--		0.676	UJ	--		--		0.654	UJ	--	
Hexachlorodibenzo-p-dioxin (total)	--		1.38	UJ	0.873	UJ	--		1.15	*	--		--		0.97	UJ	--	
Pentachlorodibenzofuran (total)	--		1.07	UJ	0.412	UJ	--		0.6	UJ	--		--		0.672	UJ	--	
Pentachlorodibenzo-p-dioxin (total)	--		1.32	UJ	1.01	UJ	--		1.18	UJ	--		--		1.16	UJ	--	
Tetrachlorodibenzo(p)dioxin (total)	--		1.65	UJ	0.946	UJ	--		1.17	UJ	--		--		1.42	UJ	--	
Tetrachlorodibenzofuran (total)	--		1.63	UJ	0.794	UJ	--		1.03	UJ	--		--		1.38	UJ	--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	122	J	28.6	J	31	J	28.9	J	77.5	J	92	J	297		27.7	J	200	U
ANTIMONY	60	UJ	60	UJ	60	U	60	U	60	UJ	60	UJ	60	U	60	UJ	60	UJ
ARSENIC	0.38	J	0.6	J	1	U	1	U	1	U	1	U	1	U	0.77	J	0.44	J
BARIUM	23.8	J	67.3	J	26.8	J	23.3	J	58	J	55.6	J	46	J	32.6	J	20.8	J
BERYLLIUM	5	UJ	5	UJ	5	U	5	U	5	UJ	5	UJ	5	U	5	UJ	5	UJ
CADMIUM	5	UJ	5	UJ	5	U	5	U	5	UJ	5	UJ	3.6	J	5	UJ	5	UJ
CALCIUM	18100		27300		104000		82000		15565		15074		39800		34697		41268	
CHROMIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	14.6	J	22.5	J	2.1	J	2.9	J	50	U	50	U	50	UJ	50	U	50	U
COPPER	5	J	2.3	J	25	U	25	U	25	UJ	25	UJ	25	U	25	UJ	25	UJ
CYANIDE	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	3.5	J	7.2	J
IRON	50.5	J	712		130		98.8	J	66.7	J	95.1	J	372		104	J	422	
LEAD	10	UJ	10	UJ	10	U	10	U	10	UJ	10	UJ	10	U	10	UJ	10	UJ
MAGNESIUM	22000		10900		52000		38000		3128	J	2974	J	21200		10011		31365	
MANGANESE	3540		234		560		2040		48.8		50.6		19		15	U	1218	
MERCURY	0.2	UJ	0.2	UJ	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	7.7	J	15.6	J	13.8	J	4.6	J	40	UJ	40	UJ	4.4	J	40	UJ	9.6	J
POTASSIUM	4850	J	4380	J	6550		6920		5000	U	5000	U	4540	J	5383	J	10424	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	74000	J	19200	J	133000		144000		34012	J	33939	J	107000		81674	J	104675	J
THALLIUM	25	UJ	25	UJ	25	U	25	U	25	U	25	U	25	U	25	U	25	U
VANADIUM	50	UJ	50	UJ	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	66		500		60	U	60	U	1.3	J	60	U	60	U	2.7	J	2.8	J
Wet Chemistry Data (mg/L)																		
Alkalinity	73		62		170		150		5.8		5.4		110		55		130	
Carbon Dioxide, Free	250		25		39		34		11		12		30		29		27	
Chloride	43		12		270		260		57		59		150		140		120	
Nitrate (as Nitrogen)	28	J	6.9	J	0.1		0.6		4	J	3.9	J	4.2		5.8		0.05	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
Nitrite (as Nitrogen)	0.35	H	0.015	H	0.1	U	0.1	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Sulfate	140		63		270		210		23		24		110		34		140	
Sulfide	0.5	J	0.7	J	0.5	U	0.5	U	0.5	UJ	0.5	UJ	0.5	U	0.5	U	0.5	UJ
TOC Result 1	5.5		1.7		2.8		3.5		1	U	1.2	J	2		1.8		2.7	J
TOC Result 2	5.5		1.8		2.9		3.2		1	U	1.1	J^	2.1		1.2		2.9	J
TOC Result 3	5.1		1.7		2.9		3		1.1	J	1	U	2.2		1.1		2.8	J
TOC Result 4	5.2		1.9		2.8		2.9		1.2	J	1.3	J	2.3		1	U	2.7	J
Total Organic Carbon	5.3		1.8		2.8		3.1		1	U	1	J	2.2		1.2		2.8	J
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	150	U	1.5	U	75	U	75	U	1.5	U	1.5	U	1.5	U	1.5	U	7.5	U
Ethylene	150	U	1.5	U	75	U	75	U	1.5	U	1.5	U	1.5	U	1.5	U	7.5	U
Methane	650		3.9		120		240		1	U	1	U	1	U	1	U	27	B
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	--	R	5	U	5	U	5	U	5	UJ	5	U	5	UJ	5	U	5	U
2,4-DINITROPHENOL	2.7	J	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	U	10	U	10	U	--	R	--	R	10	U	10	UJ	--	R
2-NITROPHENOL	1	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	11		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-NITROPHENOL	49		10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
BENZO(G,H,I)PERYLENE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	--	R	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	1.6	J	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	5	U	5	U	5	U	8.7		2.6	J	6.3		3.5	J
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	--	R	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	--	R	5	U	5	U	5	U	5	UJ	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	U	5	U	5	U	--	R	--	R	5	U	5	UJ	--	R
PENTACHLOROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	UJ	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.15	J	0.1	UJ	0.1	UJ	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.15	
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.21		--	R	0.1	U
BENZO(B)FLUORANTHENE	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.25	J	0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	UJ	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.12		0.1	U	0.1	U
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.12		0.1	U	0.24		0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.34	J	0.1	U	0.1	U	0.1	U	0.38	J	0.1	UJ	0.1	U	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R
PHENANTHRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.23	J	0.1	U	0.1	U	0.1	U	0.15	
PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.13		0.17		0.2		0.1	U	0.15	
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.13	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.52	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
ENDOSULFAN I	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	--	R	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	--	R	0.05	U	0.05	UJ	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.08	J	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	--	R	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	5	U	--		--		110	J	--		--		160		12		27	
1,1,2,2-TETRACHLOROETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,1-DICHLOROETHANE	32		--		--		130	J	--		--		77		9.9		22	
1,1-DICHLOROETHENE	5	U	--		--		--		--		--		180		12		100	
1,2,3-TRICHLOROBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2-DIBROMOETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,3-DICHLOROBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
1,4-DIOXANE	--	R	--		--	R	--	R	--		--		--	R	--	R	--	R
2-BUTANONE	10	U	--		25	UJ	10	UJ	--		--		10	U	10	U	10	U
2-HEXANONE	10	U	--		10	UJ	10	UJ	--		--		10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	--		10	UJ	10	UJ	--		--		10	U	10	U	10	U
ACETONE	10	U	--		10	UJ	10	UJ	--		--		10	U	10	U	10	U
BENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	1.6	J
BROMOCHLOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
BROMODICHLOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
BROMOFORM	5	UJ	--		5	UJ	5	UJ	--		--		5	UJ	5	U	5	U
BROMOMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
CARBON DISULFIDE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
CHLOROBENZENE	64		--		20	J	58	J	--		--		5	U	5	U	19	
CHLOROETHANE	5	U	--		4.3	J	5	UJ	--		--		5	U	5	U	5	U

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
CHLOROFORM	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
CHLOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	6		--		160	J	79	J	--		--		120		15		250	D
CIS-1,3-DICHLOROPROPENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
Cyclohexane	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
ETHYLBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
ISOPROPYLBENZENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
m,p-Xylene	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
Methyl acetate	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	--		140	J	190	J	--		--		5	U	5	U	5	U
Methylcyclohexane	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
METHYLENE CHLORIDE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
O-XYLENE	4.2	J	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
STYRENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
TETRACHLOROETHENE	5	U	--		2.9	J	5	UJ	--		--		5	U	5	U	2.3	J
TOLUENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
TRICHLOROETHENE	8.9		--		--		85	J	--		--		190	D	25		18	
TRICHLOROFLUOROMETHANE	5	U	--		5	UJ	5	UJ	--		--		5	U	5	U	5	U
VINYL CHLORIDE	5	U	--		8.4	J	6.2	J	--		--		5	U	5	U	4.6	J
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,1,2-TRICHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,1-DICHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,1-DICHLOROETHENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2,4-TRICHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2-DIBROMOETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2-DICHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2-DICHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,2-DICHLOROPROPANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,3-DICHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
1,4-DICHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
2-BUTANONE	--		5	U	--		--		5	U	5	U	--		--		--	
2-HEXANONE	--		5	U	--		--		5	U	5	U	--		--		--	
4-METHYL-2-PENTANONE	--		5	U	--		--		5	U	5	U	--		--		--	
ACETONE	--		5	U	--		--		5	U	5	U	--		--		--	
BENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
BROMOCHLOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
BROMODICHLOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
BROMOFORM	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
BROMOMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CARBON DISULFIDE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CARBON TETRACHLORIDE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CHLOROBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CHLOROETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CHLOROFORM	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CHLOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CIS-1,2-DICHLOROETHENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
CIS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
Cyclohexane	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
DIBROMOCHLOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
DICHLORODIFLUOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
ETHYLBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
ISOPROPYLBENZENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
m,p-Xylene	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
Methyl acetate	--		--	R	--		--		0.5	U	0.5	U	--		--		--	
METHYL TERT-BUTYL ETHER	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
Methylcyclohexane	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
METHYLENE CHLORIDE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
O-XYLENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
STYRENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
TETRACHLOROETHENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
TOLUENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
TRANS-1,2-DICHLOROETHENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
TRICHLOROETHENE	--		0.35	J	--		--		0.5	U	0.5	U	--		--		--	
TRICHLOROFLUOROMETHANE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
VINYL CHLORIDE	--		0.5	U	--		--		0.5	U	0.5	U	--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		--		2.13	U	1.09	U	--		0.922	U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		--		6.45	U	14	U	--		6.92	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		--		0.987	U	1.34	U	--		0.838	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.22	U	1.74	U	--		1.05	U	--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		--		1.09	U	1.31	U	--		1.52	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		1	U	0.578	U	--		0.778	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.04	U	0.91	U	--		0.557	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		0.798	U	0.421	U	--		0.423	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.04	U	0.971	U	--		0.516	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		--		1.17	U	0.518	*	--		0.496	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.1	U	0.785	U	--		0.561	U	--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		1.17	U	0.87	U	--		0.972	U	--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.16	U	0.669	U	--		0.734	U	--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		0.806	U	0.524	U	--		0.338	U	--	

Well ID	MW-506M		MW-506S		MW-507B		MW-507D		MW-507S		MW-507S		MW-508D		MW-508S		MW-509M	
Station ID	OU2-MW-506M		OU2-MW-506S		OU2-MW-507B		OU2-MW-507D		OU2-MW-507S		OU2-MW-DUP05		OU2-MW-508D		OU2-MW-508S		OU2-MW-509M	
Date Sampled	11/3/2009		11/3/2009		10/27/2009		10/26/2009		11/11/2009		11/11/2009		10/28/2009		11/12/2009		11/11/2009	
Sample Type	N		N		N		N		N		FD		N		N		N	
AQUIFER/Parent Sample	INTERMED OB		SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW - OU2-MW-507S		DEEP		SHALLOW		INTERMED OB	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		0.521	U	0.472	U	--		0.412	U	--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		1.35	U	0.753	U	--		0.928	U	--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		1.3	U	0.856	U	--		1.15	U	--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		0	UJ	0.0518	J	--		0	UJ	--	
Heptachlorodibenzofuran (total)	--		--		--		--		0.987	UJ	1.34	UJ	--		0.838	UJ	--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		1.22	UJ	3.76	UJ	--		2.67	UJ	--	
Hexachlorodibenzofuran (total)	--		--		--		--		0.798	UJ	1.04	UJ	--		0.338	UJ	--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		1.04	UJ	0.785	UJ	--		0.516	UJ	--	
Pentachlorodibenzofuran (total)	--		--		--		--		0.521	UJ	0.472	UJ	--		0.412	UJ	--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		1.16	UJ	0.669	UJ	--		0.734	UJ	--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		1.3	UJ	0.856	UJ	--		1.15	UJ	--	
Tetrachlorodibenzofuran (total)	--		--		--		--		1.35	UJ	0.753	UJ	--		0.928	UJ	--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	200	U	197	J	141	J	--		200	U	200	UJ	66	J	200	U	200	UJ
ANTIMONY	60	UJ	60	UJ	60	U	--		60	UJ	60	UJ	60	UJ	60	UJ	60	UJ
ARSENIC	1	U	1.4		1	U	--		3.8	J	1	U	48.6		1	U	0.57	J
BARIUM	51.5	J	27.6	J	14.7	J	--		31.9	J	24.8	J	25.4	J	44.2	J	67.1	J
BERYLLIUM	5	U	4.6	J	5	U	--		5	U	5	UJ	5	UJ	5	U	5	UJ
CADMIUM	5	UJ	1.8	J	1.3	J	--		5	UJ	5	UJ	5	UJ	5	UJ	5	UJ
CALCIUM	37200		375000		74400		--		40700		7582		71039		44000		90175	
CHROMIUM	10	U	10	J	10	U	--		10	U	10	U	10	U	10	U	10	U
COBALT	3.9	J	1120		48.8	J	--		1.3	J	50	U	50	U	4.9	J	50	U
COPPER	1.6	J	25	UJ	25	U	--		0.93	J	25	UJ	25	UJ	0.78	J	0.78	J
CYANIDE	10	UJ	10	UJ	10	UJ	--		10	UJ	10	UJ	3.9	J	10	UJ	10	UJ
IRON	100	U	126000		493		--		2840		100	UJ	27304		100	U	100	UJ
LEAD	10	UJ	10	U	10	U	--		10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	34000		179000		42500		--		20100		908	J	15554		28700		15613	
MANGANESE	8780		70300		15600		--		2580		15	U	1609		6230		3368	
MERCURY	0.2	U	0.2	U	0.2	U	--		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
NICKEL	9.1	J	483		37.8	J	--		5	J	40	UJ	40	UJ	8.3	J	40	UJ
POTASSIUM	5520	J	14100		6420		--		5990	J	5000	U	13167	J	5570	J	8501	J
SELENIUM	35	U	35	U	35	U	--		35	U	35	U	35	U	35	U	35	U
SILVER	10	U	11.3		10	U	--		10	U	10	U	10	U	10	U	10	U
SODIUM	133000	J	86100		126000		--		99300	J	21979	J	120010	J	149000	J	150885	J
THALLIUM	25	UJ	49.3		25	U	--		25	UJ	25	U	25	U	25	UJ	25	U
VANADIUM	50	U	50	U	50	U	--		50	U	50	U	50	U	50	U	50	U
ZINC	60	UJ	186		25	J	--		2.1	J	2.8	J	1.7	J	60	UJ	60	U
Wet Chemistry Data (mg/L)																		
Alkalinity	150		380		140		--		150		31		210		160		120	
Carbon Dioxide, Free	42		230		43		--		38		26		56		41		50	
Chloride	110		150		150		--		90		11		210		140		260	
Nitrate (as Nitrogen)	5.4		0.05	U	2.2		--		0.05	U	1.8		0.05	U	1.9		0.51	

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
Nitrite (as Nitrogen)	0.056		0.058		0.01	UJ H	--		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Sulfate	160		2800		390		--		100		18		34		160		140	
Sulfide	0.5	UJ	1.1	U	1	J	--		0.5	UJ	0.5	U	0.5	UJ	0.5	UJ	0.5	U
TOC Result 1	4.6	U	3.8		2.9		--		4.9	U	2.5		7.4	J	6.3	U	4	
TOC Result 2	4.2	U^	2.8		2.5		--		5	U^	2.1		7.2	J	6	U^	3.7	
TOC Result 3	4.3	U	3.1		3		--		5.1	U	2.1		7.9	J	4.1	U	3.6	
TOC Result 4	5.4	U	3.1		2.9		--		5	U	2.3		7.9	J	4.1	U	3.6	
Total Organic Carbon	4.6	U	3.2		2.8		--		5	U	2.2		7.6	J	5.1	U	3.7	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	1.5	U	15	U	75	U	--		7.5	U	1.5	U	150	U	15	U	15	U
Ethylene	1.5	U	15	U	75	U	--		7.5	U	1.5	U	150	U	15	U	15	U
Methane	1.3		50		150		--		21		1	U	310	B	36		69	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	UJ	5	UJ	5	UJ	5	UJ	--		5	U	5	U	5	UJ	5	U
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	--		10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
2-NITROANILINE	10	U	10	U	10	U	10	U	--		10	UJ	--	R	--	R	--	R
2-NITROPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
3-NITROANILINE	10	UJ	10	U	10	U	10	UJ	--		10	U	10	U	10	U	10	U
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	--		10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
4-NITROANILINE	10	UJ	10	U	10	U	10	UJ	--		10	U	10	U	10	U	10	U
4-NITROPHENOL	23		10	U	31		10	U	--		10	U	10	U	3.8	J	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
BENZO(G,H,I)PERYLENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Caprolactam	5	U	5	U	5	U	5	U	--		5	J	5.3		5	U	4.9	J
CARBAZOLE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	UJ	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	U	5	U	5	U	5	U	--		5	UJ	--	R	--	R	--	R
PENTACHLOROPHENOL	10	UJ	10	U	10	U	10	UJ	--		10	UJ	10	U	10	U	10	U
PHENANTHRENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	UJ	0.1	UJ	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.22		0.1	U	0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(A)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	--		--	R	0.1	U	0.1	U	0.1	U
BENZO(B)FLUORANTHENE	0.1	U	0.1	UJ	0.1	UJ	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
CHRYSENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
FLUORENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
NAPHTHALENE	0.1	U	0.18		0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
PENTACHLOROPHENOL	0.2	U	--	R	--	R	0.2	U	--		--	R	--	R	0.2	U	--	R
PHENANTHRENE	0.12		0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.16		0.1	U
PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.12		0.1	U	0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	--	R	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	--		0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	--		0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	--		0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	--		5	U	5	U	5	U	5	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	2300	D	700	D	470	DJ	94		--		--		5	U	260	D	1.2	J
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	2.5	J	9.8		5	UJ	5	U	--		--		5	U	5	U	5	U
1,1-DICHLOROETHANE	190	D	430	D	180	DJ	64		--		--		12		75		24	
1,1-DICHLOROETHENE	410	D	1800	D	600	DJ	110		--		--		1.3	J	190		7.6	
1,2,3-TRICHLOROBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2-DIBROMOETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	UJ	5	U	5	UJ	5	U	--		--		5	U	5	UJ	5	U
1,3-DICHLOROBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
1,4-DIOXANE	--	R	--	R	--	R	--	R	--		--		--	R	--	R	--	R
2-BUTANONE	10	U	10	U	10	UJ	10	U	--		--		10	U	10	U	10	U
2-HEXANONE	10	U	10	U	10	UJ	10	U	--		--		10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U	10	UJ	10	U	--		--		10	U	10	U	10	U
ACETONE	10	U	10	U	10	UJ	10	U	--		--		10	U	10	U	10	U
BENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
BROMOCHLOROMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
BROMODICHLOROMETHANE	5	UJ	5	U	5	UJ	5	U	--		--		5	U	5	UJ	5	U
BROMOFORM	5	U	5	UJ	5	UJ	5	U	--		--		5	U	5	U	5	U
BROMOMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
CARBON DISULFIDE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
CHLOROBENZENE	13		2.7	J	14	J	6.3		--		--		12		12		190	D
CHLOROETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
CHLOROFORM	2.2	J	4.5	J	2.2	J	5	U	--		--		5	U	5	U	5	U
CHLOROMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	310	D	470	D	230	DJ	400	D	--		--		2.2	J	200	D	8.5	
CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
Cyclohexane	5	UJ	5	U	5	UJ	5	U	--		--		5	U	5	UJ	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
ETHYLBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
ISOPROPYLBENZENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
m,p-Xylene	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
Methyl acetate	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	5	U	3.5	J	5	U	--		--		5	U	2.9	J	120	
Methylcyclohexane	5	UJ	5	U	5	UJ	5	U	--		--		5	U	5	UJ	5	U
METHYLENE CHLORIDE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
O-XYLENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
STYRENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
TETRACHLOROETHENE	3.7	J	5	U	4.2	J	5	U	--		--		5	U	1.2	J	5	U
TOLUENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
TRICHLOROETHENE	1300	D	64		670	DJ	5	U	--		--		2.5	J	440	D	11	
TRICHLOROFLUOROMETHANE	5	U	5	U	5	UJ	5	U	--		--		5	U	5	U	5	U
VINYL CHLORIDE	29		10		15	J	44		--		--		22		8.3		1.6	J
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		0.5	U	--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		0.5	U	--		--		--	

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		0.5	U	--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		0.5	U	--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
2-BUTANONE	--		--		--		--		--		5	U	--		--		--	
2-HEXANONE	--		--		--		--		--		5	U	--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		5	U	--		--		--	
ACETONE	--		--		--		--		--		5	U	--		--		--	
BENZENE	--		--		--		--		--		0.5	U	--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
BROMOFORM	--		--		--		--		--		0.5	U	--		--		--	
BROMOMETHANE	--		--		--		--		--		0.5	U	--		--		--	
CARBON DISULFIDE	--		--		--		--		--		0.5	U	--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		0.5	U	--		--		--	
CHLOROBENZENE	--		--		--		--		--		0.5	U	--		--		--	
CHLOROETHANE	--		--		--		--		--		0.5	U	--		--		--	
CHLOROFORM	--		--		--		--		--		0.5	U	--		--		--	
CHLOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		--		0.5	U	--		--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		--		0.5	U	--		--		--	
Cyclohexane	--		--		--		--		--		0.5	U	--		--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
ETHYLBENZENE	--		--		--		--		--		0.5	U	--		--		--	

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
ISOPROPYLBENZENE	--		--		--		--		--		0.5	U	--		--		--	
m,p-Xylene	--		--		--		--		--		0.5	U	--		--		--	
Methyl acetate	--		--		--		--		--		0.5	U	--		--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		--		0.5	U	--		--		--	
Methylcyclohexane	--		--		--		--		--		0.5	U	--		--		--	
METHYLENE CHLORIDE	--		--		--		--		--		0.5	U	--		--		--	
O-XYLENE	--		--		--		--		--		0.5	U	--		--		--	
STYRENE	--		--		--		--		--		0.5	U	--		--		--	
TETRACHLOROETHENE	--		--		--		--		--		0.5	U	--		--		--	
TOLUENE	--		--		--		--		--		0.5	U	--		--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		--		0.5	U	--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		--		0.5	U	--		--		--	
TRICHLOROETHENE	--		--		--		--		--		0.5	U	--		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		--		0.5	U	--		--		--	
VINYL CHLORIDE	--		--		--		--		--		0.5	U	--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	2.38	U	--		--		--		1.44	U	1.47	U	--		2.95	U	0.988	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	5.52	U	--		--		--		4.49	U	68.3	J	--		3.99	U	10.8	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	1.32	U	--		--		--		0.892	U	0.725	U	--		1.69	U	0.729	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.85	U	--		--		--		1.27	U	1.63	U	--		1.49	U	1.29	U
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	1.93	U	--		--		--		1.39	U	1.89	U	--		2.13	U	1.54	U
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	1.33	U	--		--		--		0.446	U	0.895	U	--		0.716	U	0.932	U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.5	U	--		--		--		0.878	U	0.859	U	--		1.57	U	0.764	U
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	1.02	U	--		--		--		0.529	U	0.478	U	--		0.623	U	0.593	U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.01	U	--		--		--		1.29	U	0.603	U	--		1.83	U	0.817	U
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	1.17	U	--		--		--		0.519	U	0.672	U	--		0.85	U	0.702	U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.89	U	--		--		--		0.904	U	0.644	U	--		1.68	U	0.873	U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.59	U	--		--		--		0.839	U	1.17	U	--		1.37	U	1.1	U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.78	U	--		--		--		1.01	U	0.793	U	--		1.32	U	0.889	U
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	1.32	U	--		--		--		0.415	U	0.45	U	--		0.665	U	0.437	U

Well ID	MW-513S		MW-514B		MW-514D		MW-514S		MW-514S		MW-515S		MW-516M		MW-517S		MW-519S	
Station ID	OU2-MW-513S		OU2-MW-514B		OU2-MW-514D		OU2-GW-514S		OU2-MW-514S		OU2-MW-515S		OU2-MW-516M		OU2-MW-517S		OU2-MW-519S	
Date Sampled	11/10/2009		10/29/2009		10/29/2009		11/10/2009		11/10/2009		11/12/2009		11/11/2009		11/10/2009		11/12/2009	
Sample Type	N		N		N		N		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		BEDROCK		DEEP		SHALLOW		SHALLOW		SHALLOW		INTERMED OB		SHALLOW		SHALLOW	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	2	U	--		--		--		0.466	U	0.493	U	--		1.29	U	0.551	U
2,3,7,8-TETRACHLORODIBENZOFURAN	2.13	U	--		--		--		1.21	U	0.921	U	--		1.97	U	0.99	U
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1.94	U	--		--		--		1.64	U	1.23	U	--		2.19	U	0.979	U
Dioxin/Furan - Toxic Equivalent	0	U	--		--		--		0	U	0.0205	J	--		0	U	0	UJ
Heptachlorodibenzofuran (total)	1.32	UJ	--		--		--		0.892	UJ	0.725	UJ	--		1.69	UJ	0.729	UJ
Heptachlorodibenzo-p-dioxin (total)	1.85	UJ	--		--		--		1.27	UJ	4.77	UJ	--		1.49	UJ	3.03	UJ
Hexachlorodibenzofuran (total)	1.02	UJ	--		--		--		0.415	UJ	0.45	UJ	--		0.623	UJ	0.437	UJ
Hexachlorodibenzo-p-dioxin (total)	1.5	UJ	--		--		--		0.878	UJ	0.603	UJ	--		1.57	UJ	0.764	UJ
Pentachlorodibenzofuran (total)	1.59	UJ	--		--		--		0.466	UJ	0.493	UJ	--		1.29	UJ	0.551	UJ
Pentachlorodibenzo-p-dioxin (total)	1.78	UJ	--		--		--		1.01	UJ	0.793	UJ	--		1.32	UJ	0.889	UJ
Tetrachlorodibenzo(p)dioxin (total)	1.94	UJ	--		--		--		1.64	UJ	1.23	UJ	--		2.19	UJ	0.979	UJ
Tetrachlorodibenzofuran (total)	2.13	UJ	--		--		--		1.21	UJ	0.921	UJ	--		1.97	UJ	0.99	UJ

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	200	UJ	200	U	200	U	200	U	118	J	15.1	J	200	UJ	200	U	74.1	J
ANTIMONY	60	UJ	60	UJ	60	UJ	60	UJ	60	U	60	UJ	60	UJ	60	U	60	U
ARSENIC	0.56	J	48.8		0.52	J	0.49	J	0.36	J	0.4	J	0.45	J	57	J	0.18	J
BARIUM	200	UJ	82.7	J	70.2	J	69.7	J	64.4	J	54.6	J	57.5	J	196	J	70.1	J
BERYLLIUM	5	UJ	5	UJ	5	U	5	U	5	UJ	5	U	5	UJ	5	UJ	5	UJ
CADMIUM	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	U	5	U
CALCIUM	64952		66100		39900		40000		32300		45600		69734		78200		23700	
CHROMIUM	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
COBALT	50	U	50	U	0.31	J	50	U	50	U	50	U	50	U	5.9	J	50	U
COPPER	0.8	J	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ	25	UJ
CYANIDE	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
IRON	502		34300		100	U	100	U	203	J	38.3	J	48.2	J	15600	J	91.6	J
LEAD	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
MAGNESIUM	38243		9950		10100		9990		14800		13000		13776		24500		6600	
MANGANESE	5095		1750		543		576		9.7	J	9.2	J	188		2030		15	U
MERCURY	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	UJ	0.2	U	0.2	U	0.2	UJ	0.2	UJ
NICKEL	3.8	J	40	UJ	2.1	J	2.2	J	40	UJ	40	UJ	40	UJ	40	UJ	40	UJ
POTASSIUM	6124	J	7370	J	4260	J	4250	J	4130	J	5360	J	7622	J	10700	J	4130	J
SELENIUM	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U	35	U
SILVER	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
SODIUM	125000	J	71500	J	79300	J	79400	J	79500	J	102000	J	166700	J	300000	J	55900	J
THALLIUM	25	U	25	UJ	25	UJ	25	UJ	25	U	25	UJ	25	U	25	U	25	U
VANADIUM	50	U	50	UJ	50	U	50	U	50	U	50	U	50	U	50	U	50	U
ZINC	60	U	60	UJ	8.3	J	60	UJ	60	UJ	60	UJ	2.8	J	60	UJ	60	UJ
Wet Chemistry Data (mg/L)																		
Alkalinity	120		260		43		44		54		72		72		110		13	
Carbon Dioxide, Free	36		86		17		17		11		23		38		55		12	
Chloride	220		90		130		130		130		160		310		560		96	
Nitrate (as Nitrogen)	0.21		0.28	J	7.2		7		7.2		5.6		19		1.3		6.9	J

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
Nitrite (as Nitrogen)	0.019		0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.02		0.01	U
Sulfate	170		3.4		43		44		56		62		80		86		27	J
Sulfide	0.5	U	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	UJ	0.5	U	0.72	J	0.5	U
TOC Result 1	2.3		16		1.4	U	1	U	1.8		1.4	U	2.3		2.2		1	U
TOC Result 2	3.4		16		1.1	U	1	U	1.5		1.5	U	2.2		2		1	U
TOC Result 3	2.6		17		1	U	1	U	1	U	1.3	U	2.4		2.2		1	U
TOC Result 4	2.6		16		1	U	1	U	1		1.1	U	2.5		2.3		1	U
Total Organic Carbon	2.7		16		1.1	U	1	U	1.3		1.3	U	2.3		2.2		1	U
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	1.5	U	300	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Ethylene	1.5	U	300	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Methane	18		2700		1	U	1	U	1	U	1	U	1	U	7.4		1	U
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4,5-TETRACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,2'-Oxybis(1-chloropropane)	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,3,4,6-TETRACHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,5-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-TRICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
2,4-DICHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-DIMETHYLPHENOL	5	U	5	U	5	UJ	5	UJ	5	UJ	5	UJ	5	U	5	U	5	UJ
2,4-DINITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2,4-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-DINITROTOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLORONAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-CHLOROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLNAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-NITROANILINE	10	UJ	10	U	--	R	--	R	10	U	--	R	10	UJ	10	U	10	U
2-NITROPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3,3'-DICHLOROBENZIDINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	UJ
4,6-DINITRO-2-METHYLPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-BROMOPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLORO-3-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROANILINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-CHLOROPHENYL-PHENYLETHER	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYLPHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-NITROANILINE	10	U	10	U	10	U	10	U	10	UJ	10	U	10	U	10	U	10	UJ
4-NITROPHENOL	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACENAPHTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACENAPHTHYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETOPHENONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ATRAZINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZALDEHYDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(A)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(B)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
BENZO(G,H,I)PERYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BENZO(K)FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-CHLOROETHOXY)METHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Butylbenzylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Caprolactam	6.7		5	U	5	U	5	U	5	U	5	U	3.9	J	5	U	5	U
CARBAZOLE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHRYSENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZ(A,H)ANTHRACENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBENZOFURAN	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Diethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethylphthalate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-BUTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DI-N-OCTYL PHTHALATE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORANTHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
FLUORENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROBUTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROCYCLOPENTADIENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
HEXACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
INDENO(1,2,3-CD)PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPHORONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NAPHTHALENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NITROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
N-NITROSODIPHENYLAMINE	5	UJ	1.2	J	--	R	--	R	5	U	--	R	5	UJ	5	U	5	U
PENTACHLOROPHENOL	10	UJ	10	U	10	U	10	U	10	UJ	10	U	10	UJ	10	U	10	UJ
PHENANTHRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
PHENOL	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
PYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHENE	0.1	U	0.27		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ACENAPHTHYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ANTHRACENE	0.1	U	0.15		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.16		0.1	U
BENZO(A)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.67		0.1	U
BENZO(A)PYRENE	--	R	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	--	R	0.34	J	0.1	U
BENZO(B)FLUORANTHENE	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.39		0.1	U
BENZO(G,H,I)PERYLENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.12		0.1	U
BENZO(K)FLUORANTHENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1		0.1	U
CHRYSENE	0.1	U	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.38	J	0.1	U
DIBENZ(A,H)ANTHRACENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
FLUORANTHENE	0.1		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.91		0.1	U
FLUORENE	0.1		0.27		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11		0.1	U
INDENO(1,2,3-CD)PYRENE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.13		0.1	U
NAPHTHALENE	0.29	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
PENTACHLOROPHENOL	--	R	--	R	0.2	U	0.2	U	0.2	U	0.2	U	--	R	--	R	--	R
PHENANTHRENE	0.22		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.31		0.1	U
PYRENE	0.12		0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11		0.9		0.1	U
CLP Pesticides (ug/L)																		
4,4'-DDD	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ALDRIN	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ALPHA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
alpha-Chlordane	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
BETA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DELTA-BHC	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
DIELDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
ENDOSULFAN I	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
ENDOSULFAN II	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDOSULFAN SULFATE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN ALDEHYDE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ENDRIN KETONE	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
gamma-BHC (Lindane)	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
GAMMA-CHLORDANE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
HEPTACHLOR EPOXIDE	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
METHOXYCHLOR	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TOXAPHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U

Appendix B-2a
USEPA 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	370	D	5	U	15		16		54		29		1.1	J	5	U	15	
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1,2-TRICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,1-DICHLOROETHANE	98		5	U	24		24		29		44		10		9.9		8	
1,1-DICHLOROETHENE	350	D	5	U	25		27		66		49		5	U	5	U	20	
1,2,3-TRICHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DIBROMOETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-DICHLOROPROPANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,3-DICHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DICHLOROBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,4-DIOXANE	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R	--	R
2-BUTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	1.5	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMODICHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOFORM	5	U	5	UJ	5	U	5	U	5	U	5	U	5	U	5	U	5	U
BROMOMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON DISULFIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROBENZENE	3.4	J	5	U	5	U	5	U	5	U	5	U	1.4	J	5		5	U
CHLOROETHANE	5	U	14		5	U	5	U	5	U	5	U	5	U	5	U	5	U

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
CHLOROFORM	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CIS-1,2-DICHLOROETHENE	300	D	5	U	32		32		43		43		3.7	J	30		11	
CIS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cyclohexane	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ETHYLBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ISOPROPYLBENZENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
m,p-Xylene	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl acetate	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYL TERT-BUTYL ETHER	1.1	J	5	U	5	U	5	U	5	U	5	U	2.4	J	5	U	5	U
Methylcyclohexane	5	U	13		5	U	5	U	5	U	5	U	5	U	5	U	5	U
METHYLENE CHLORIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
O-XYLENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
STYRENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TETRACHLOROETHENE	1.6	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TOLUENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
TRICHLOROETHENE	370	D	5	U	28		30		88		37		4.5	J	5	U	19	
TRICHLOROFLUOROMETHANE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
VINYL CHLORIDE	11		5	U	5	U	5	U	5	U	5	U	5	U	6.4		5	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	
CHLOROFORM	--		--		--		--		--		--		--		--		--	
CHLOROMETHANE	--		--		--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
Cyclohexane	--		--		--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
ETHYLBENZENE	--		--		--		--		--		--		--		--		--	

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
ISOPROPYLBENZENE	--		--		--		--		--		--		--		--		--	
m,p-Xylene	--		--		--		--		--		--		--		--		--	
Methyl acetate	--		--		--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		--		--		--		--		--	
Methylcyclohexane	--		--		--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		--		--		--		--		--		--		--		--	
O-XYLENE	--		--		--		--		--		--		--		--		--	
STYRENE	--		--		--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		--		--		--		--		--		--		--		--	
TOLUENE	--		--		--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
TRICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
VINYL CHLORIDE	--		--		--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	1.34	U	--		1.66	U	1.84	U	1.89	U	1.78	U	1.2	U	--		2.13	U
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	19	U	--		35.8	U	34.1	U	9.92	U	7.73	U	12.5	U	--		9.32	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	0.588	U	--		1.47	U	1.53	U	1.44	U	1.16	U	0.638	U	--		1.64	U
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.989	U	--		1.29	U	1.33	U	1.7	U	0.983	U	0.751	U	--		1.22	U
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	1.79	U	--		1.46	U	1.89	U	1.78	U	1.27	U	1.65	U	--		2.11	U
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	0.796	U	--		0.524	U	0.817	U	0.77	U	1.01	U	0.653	U	--		0.71	U
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.678	U	--		1.2	U	1.2	U	1.48	U	1.1	U	0.726	U	--		1.16	U
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	0.51	U	--		0.685	U	0.746	U	0.547	U	0.728	U	0.487	U	--		0.731	U
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.733	U	--		1.04	U	1.29	U	1.47	U	1.04	U	0.793	U	--		1.23	U
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	0.602	U	--		0.556	U	0.984	U	1.15	U	0.909	U	0.593	U	--		0.831	U
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.699	U	--		1.17	U	1.48	U	1.43	U	1.06	U	0.683	U	--		1.09	U
1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.807	U	--		0.835	U	0.694	U	1.01	U	1.09	U	0.544	U	--		1.23	U
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.699	U	--		0.858	U	0.786	U	1.25	U	0.927	U	0.673	U	--		0.858	U
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	0.508	U	--		0.643	U	0.742	U	0.755	U	0.637	U	0.508	U	--		0.736	U

Well ID	MW-520S		MW-522S		MW-523S		MW-523S		MW-525S		MW-526S		MW-527S		MW-529S		MW-534S	
Station ID	OU2-MW-520S		OU2-MW-522S		OU2-MW-523S		OU2-MW-DUP04		OU2-MW-525S		OU2-MW-526S		OU2-MW-527S		OU2-MW-529S		OU2-MW-534S	
Date Sampled	11/12/2009		11/3/2009		11/10/2009		11/10/2009		11/6/2009		11/10/2009		11/12/2009		11/5/2009		11/9/2009	
Sample Type	N		N		N		FD		N		N		N		N		N	
AQUIFER/Parent Sample	SHALLOW		SHALLOW		SHALLOW		SHALLOW - OU2-MW-523S		SHALLOW		SHALLOW		SHALLOW		SHALLOW		SHALLOW	
Chemical																		
2,3,4,7,8-PENTACHLORODIBENZOFURAN	0.444	U	--		0.742	U	0.723	U	0.762	U	0.633	U	0.363	U	--		0.922	U
2,3,7,8-TETRACHLORODIBENZOFURAN	0.854	U	--		1.21	U	1.71	U	1.39	U	0.988	U	0.781	U	--		1.68	U
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1.44	U	--		1.35	U	1.25	U	2.32	U	1.13	U	0.931	U	--		1.7	U
Dioxin/Furan - Toxic Equivalent	0	UJ	--		0	UJ	0	U	0	UJ	0	UJ	0	UJ	--		0	U
Heptachlorodibenzofuran (total)	0.588	UJ	--		1.46	UJ	1.53	UJ	1.44	UJ	1.16	UJ	0.638	UJ	--		1.64	UJ
Heptachlorodibenzo-p-dioxin (total)	1.38	UJ	--		3.14	UJ	3.4	UJ	1.7	UJ	1.64	UJ	2.58	UJ	--		1.22	UJ
Hexachlorodibenzofuran (total)	0.508	UJ	--		0.524	UJ	0.742	UJ	0.547	UJ	0.637	UJ	0.487	UJ	--		0.71	UJ
Hexachlorodibenzo-p-dioxin (total)	0.678	UJ	--		1.04	UJ	1.2	UJ	1.43	UJ	1.04	UJ	0.683	UJ	--		1.09	UJ
Pentachlorodibenzofuran (total)	0.444	UJ	--		0.742	UJ	0.694	UJ	0.762	UJ	0.633	UJ	0.363	UJ	--		0.922	UJ
Pentachlorodibenzo-p-dioxin (total)	0.699	UJ	--		0.858	UJ	0.786	UJ	1.25	UJ	0.927	UJ	0.874	J	--		0.858	UJ
Tetrachlorodibenzo(p)dioxin (total)	1.44	UJ	--		1.35	UJ	1.25	UJ	2.32	UJ	1.13	UJ	0.931	UJ	--		1.7	UJ
Tetrachlorodibenzofuran (total)	0.854	UJ	--		1.21	UJ	1.71	UJ	1.39	UJ	0.988	UJ	0.781	UJ	--		1.68	UJ

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentra

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
CLP TAL Total Metals (ug/L)				
ALUMINUM	200	U	--	
ANTIMONY	60	UJ	--	
ARSENIC	1.5	J	--	
BARIUM	73.6	J	--	
BERYLLIUM	5	UJ	--	
CADMIUM	5	UJ	--	
CALCIUM	250000		--	
CHROMIUM	10	U	--	
COBALT	50	U	--	
COPPER	24.6	J	--	
CYANIDE	10	U	--	
IRON	302		--	
LEAD	10	UJ	--	
MAGNESIUM	482000		--	
MANGANESE	15	U	--	
MERCURY	0.2	UJ	--	
NICKEL	40	U	--	
POTASSIUM	202000		--	
SELENIUM	35	U	--	
SILVER	10	U	--	
SODIUM	3450000	J	--	
THALLIUM	25	U	--	
VANADIUM	6.4	J	--	
ZINC	298		--	
Wet Chemistry Data (mg/L)				
Alkalinity	130		--	
Carbon Dioxide, Free	38		--	
Chloride	5200		--	
Nitrate (as Nitrogen)	1.6		--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
Nitrite (as Nitrogen)	0.01	U	--	
Sulfate	1400		--	
Sulfide	0.5	U	--	
TOC Result 1	7.3		--	
TOC Result 2	7.6		--	
TOC Result 3	7.7	^	--	
TOC Result 4	7.3		--	
Total Organic Carbon	7.5		--	
Methane, Ethane, Ethene (MEE) (ug/L)				
Ethane	1.5	U	--	
Ethylene	1.5	U	--	
Methane	1	U	--	
CLP PCB Aroclors (ug/L)				
AROCLOR 1016	0.5	U	0.5	U
AROCLOR 1221	0.5	U	0.5	U
AROCLOR 1232	0.5	U	0.5	U
AROCLOR 1242	0.5	U	0.5	U
AROCLOR 1248	0.5	U	0.5	U
AROCLOR 1254	0.5	U	0.5	U
AROCLOR 1260	0.5	U	0.5	U
Aroclor 1262	0.5	U	0.5	U
Aroclor 1268	0.5	U	0.5	U
CLP Semivolatile Organic Compounds (ug/L)				
1,1'-Biphenyl	5	UJ	75	U
1,2,4,5-TETRACHLOROBENZENE	5	U	75	U
2,2'-Oxybis(1-chloropropane)	5	UJ	75	U
2,3,4,6-TETRACHLOROPHENOL	5	U	75	U
2,4,5-TRICHLOROPHENOL	5	U	75	U
2,4,6-TRICHLOROPHENOL	5	U	75	U

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
2,4-DICHLOROPHENOL	5	U	75	U
2,4-DIMETHYLPHENOL	5	U	75	UJ
2,4-DINITROPHENOL	10	U	150	U
2,4-DINITROTOLUENE	5	U	75	U
2,6-DINITROTOLUENE	5	U	75	U
2-CHLORONAPHTHALENE	5	UJ	75	U
2-CHLOROPHENOL	5	U	75	U
2-METHYLNAPHTHALENE	5	UJ	75	U
2-METHYLPHENOL	5	U	75	U
2-NITROANILINE	10	UJ	150	U
2-NITROPHENOL	5	U	75	U
3,3'-DICHLOROBENZIDINE	5	U	75	U
3-NITROANILINE	10	U	150	U
4,6-DINITRO-2-METHYLPHENOL	10	U	150	U
4-BROMOPHENYL-PHENYLETHER	5	U	75	U
4-CHLORO-3-METHYLPHENOL	5	U	75	U
4-CHLOROANILINE	5	U	75	U
4-CHLOROPHENYL-PHENYLETHER	5	U	75	U
4-METHYLPHENOL	5	U	99	
4-NITROANILINE	10	U	150	U
4-NITROPHENOL	10	U	150	U
ACENAPHTHENE	5	UJ	75	U
ACENAPHTHYLENE	5	UJ	75	U
ACETOPHENONE	5	U	75	U
ANTHRACENE	5	U	75	U
ATRAZINE	5	U	75	U
BENZALDEHYDE	5	U	75	U
BENZO(A)ANTHRACENE	5	U	75	U
BENZO(A)PYRENE	5	U	75	U
BENZO(B)FLUORANTHENE	5	U	75	U

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
BENZO(G,H,I)PERYLENE	5	U	75	U
BENZO(K)FLUORANTHENE	5	U	75	U
BIS(2-CHLOROETHOXY)METHANE	5	UJ	75	U
Bis(2-chloroethyl)ether	5	UJ	75	U
BIS(2-ETHYLHEXYL)PHTHALATE	5	UJ	75	U
Butylbenzylphthalate	5	UJ	75	U
Caprolactam	10	J	75	U
CARBAZOLE	5	U	75	U
CHRYSENE	5	U	75	U
DIBENZ(A,H)ANTHRACENE	5	U	75	U
DIBENZOFURAN	5	U	75	U
Diethylphthalate	5	UJ	75	U
Dimethylphthalate	5	UJ	75	U
DI-N-BUTYL PHTHALATE	1.3	J	75	U
DI-N-OCTYL PHTHALATE	5	UJ	75	U
FLUORANTHENE	5	U	75	U
FLUORENE	5	U	75	U
HEXACHLOROBENZENE	5	U	75	U
HEXACHLOROBUTADIENE	5	U	75	U
HEXACHLOROCYCLOPENTADIENE	5	U	75	UJ
HEXACHLOROETHANE	5	U	75	U
INDENO(1,2,3-CD)PYRENE	5	U	75	U
ISOPHORONE	5	U	75	U
NAPHTHALENE	5	UJ	75	U
NITROBENZENE	5	U	75	U
N-NITROSO-DI-N-PROPYLAMINE	5	U	75	U
N-NITROSODIPHENYLAMINE	5	UJ	75	U
PENTACHLOROPHENOL	10	UJ	150	U
PHENANTHRENE	5	U	75	U
PHENOL	5	U	37	J

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
PYRENE	5	U	75	U
CLP SVOCs by SIM (ug/L)				
2-METHYLNAPHTHALENE	0.1	U	3	U
ACENAPHTHENE	0.1	U	3	U
ACENAPHTHYLENE	0.1	U	3	U
ANTHRACENE	0.1	U	3	U
BENZO(A)ANTHRACENE	0.1	U	3	U
BENZO(A)PYRENE	--	R	3	U
BENZO(B)FLUORANTHENE	0.1	U	3	U
BENZO(G,H,I)PERYLENE	0.1	U	3	U
BENZO(K)FLUORANTHENE	0.1	U	3	U
CHRYSENE	0.1	U	3	U
DIBENZ(A,H)ANTHRACENE	0.1	U	3	U
FLUORANTHENE	0.1	U	3	U
FLUORENE	0.1	U	3	U
INDENO(1,2,3-CD)PYRENE	0.1	U	3	U
NAPHTHALENE	0.1	U	3	U
PENTACHLOROPHENOL	--	R	--	R
PHENANTHRENE	0.1	U	3	U
PYRENE	0.1	U	3	U
CLP Pesticides (ug/L)				
4,4'-DDD	0.1	U	--	
4,4'-DDE	0.1	U	--	
4,4'-DDT	0.1	U	--	
ALDRIN	0.05	U	--	
ALPHA-BHC	0.05	U	--	
alpha-Chlordane	0.052	U	--	
BETA-BHC	0.05	U	--	
DELTA-BHC	0.05	U	--	
DIELDRIN	0.1	U	--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
ENDOSULFAN I	0.05	U	--	
ENDOSULFAN II	0.1	U	--	
ENDOSULFAN SULFATE	0.1	U	--	
ENDRIN	0.1	U	--	
ENDRIN ALDEHYDE	0.1	U	--	
ENDRIN KETONE	0.1	U	--	
gamma-BHC (Lindane)	0.05	U	--	
GAMMA-CHLORDANE	0.077	U	--	
HEPTACHLOR	0.05	U	--	
HEPTACHLOR EPOXIDE	0.05	U	--	
METHOXYCHLOR	0.5	U	--	
TOXAPHENE	5	U	--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
CLP Volatile Organic Compounds (ug/L)				
1,1,1-TRICHLOROETHANE	5	U	5	U
1,1,2,2-TETRACHLOROETHANE	5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	5	U
1,1,2-TRICHLOROETHANE	5	U	5	U
1,1-DICHLOROETHANE	5	U	5	U
1,1-DICHLOROETHENE	5	U	5	U
1,2,3-TRICHLOROBENZENE	5	U	5	U
1,2,4-TRICHLOROBENZENE	5	U	5	U
1,2-DIBROMO-3-CHLOROPROPANE	5	U	5	U
1,2-DIBROMOETHANE	5	U	5	U
1,2-DICHLOROBENZENE	5	U	5	U
1,2-DICHLOROETHANE	5	U	5	U
1,2-DICHLOROPROPANE	5	U	5	U
1,3-DICHLOROBENZENE	5	U	5	U
1,4-DICHLOROBENZENE	5	U	5	U
1,4-DIOXANE	--	R	--	R
2-BUTANONE	10	U	10	U
2-HEXANONE	10	U	10	U
4-METHYL-2-PENTANONE	10	U	10	U
ACETONE	10	U	23	U
BENZENE	5	U	5	U
BROMOCHLOROMETHANE	5	U	5	U
BROMODICHLOROMETHANE	5	U	5	U
BROMOFORM	5	U	5	U
BROMOMETHANE	5	U	5	U
CARBON DISULFIDE	5	U	5	U
CARBON TETRACHLORIDE	5	U	5	U
CHLOROBENZENE	5	U	5	U
CHLOROETHANE	5	U	5	U

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
CHLOROFORM	5	U	5	U
CHLOROMETHANE	5	U	5	U
CIS-1,2-DICHLOROETHENE	5	U	5	U
CIS-1,3-DICHLOROPROPENE	5	U	5	U
Cyclohexane	5	U	5	U
DIBROMOCHLOROMETHANE	5	U	5	U
DICHLORODIFLUOROMETHANE	5	U	5	U
ETHYLBENZENE	5	U	5	U
ISOPROPYLBENZENE	5	U	5	U
m,p-Xylene	5	U	5	U
Methyl acetate	5	U	5	U
METHYL TERT-BUTYL ETHER	5	U	5	U
Methylcyclohexane	5	U	5	U
METHYLENE CHLORIDE	5	U	5	U
O-XYLENE	5	U	5	U
STYRENE	5	U	5	U
TETRACHLOROETHENE	5	U	5	U
TOLUENE	5	U	6.8	U
TRANS-1,2-DICHLOROETHENE	5	U	5	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U
TRICHLOROETHENE	5	U	5	U
TRICHLOROFLUOROMETHANE	5	U	5	U
VINYL CHLORIDE	5	U	5	U
CLP Trace VOCs (ug/L)				
1,1,1-TRICHLOROETHANE	--		--	
1,1,2,2-TETRACHLOROETHANE	--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--	
1,1,2-TRICHLOROETHANE	--		--	
1,1-DICHLOROETHANE	--		--	
1,1-DICHLOROETHENE	--		--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
1,2,3-TRICHLOROBENZENE	--		--	
1,2,4-TRICHLOROBENZENE	--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--	
1,2-DIBROMOETHANE	--		--	
1,2-DICHLOROBENZENE	--		--	
1,2-DICHLOROETHANE	--		--	
1,2-DICHLOROPROPANE	--		--	
1,3-DICHLOROBENZENE	--		--	
1,4-DICHLOROBENZENE	--		--	
2-BUTANONE	--		--	
2-HEXANONE	--		--	
4-METHYL-2-PENTANONE	--		--	
ACETONE	--		--	
BENZENE	--		--	
BROMOCHLOROMETHANE	--		--	
BROMODICHLOROMETHANE	--		--	
BROMOFORM	--		--	
BROMOMETHANE	--		--	
CARBON DISULFIDE	--		--	
CARBON TETRACHLORIDE	--		--	
CHLOROBENZENE	--		--	
CHLOROETHANE	--		--	
CHLOROFORM	--		--	
CHLOROMETHANE	--		--	
CIS-1,2-DICHLOROETHENE	--		--	
CIS-1,3-DICHLOROPROPENE	--		--	
Cyclohexane	--		--	
DIBROMOCHLOROMETHANE	--		--	
DICHLORODIFLUOROMETHANE	--		--	
ETHYLBENZENE	--		--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
ISOPROPYLBENZENE	--		--	
m,p-Xylene	--		--	
Methyl acetate	--		--	
METHYL TERT-BUTYL ETHER	--		--	
Methylcyclohexane	--		--	
METHYLENE CHLORIDE	--		--	
O-XYLENE	--		--	
STYRENE	--		--	
TETRACHLOROETHENE	--		--	
TOLUENE	--		--	
TRANS-1,2-DICHLOROETHENE	--		--	
TRANS-1,3-DICHLOROPROPENE	--		--	
TRICHLOROETHENE	--		--	
TRICHLOROFLUOROMETHANE	--		--	
VINYL CHLORIDE	--		--	
Dioxins and Furans (pg/L)				
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	4.33	U	--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	19.6	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	3.05	U	--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	3.22	U	--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	7.73	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	2.5	U	--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.8	U	--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	1.42	UJ	--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.93	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	1.64	U	--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.84	U	--	
1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.5	U	--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.27	U	--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	1.34	U	--	

Well ID	MW-535S		SP1	
Station ID	OU2-MW-535S		OU2-MW-SP1	
Date Sampled	11/17/2009		11/30/2009	
Sample Type	N		N	
AQUIFER/Parent Sample	SHALLOW			
Chemical				
2,3,4,7,8-PENTACHLORODIBENZOFURAN	1.31	U	--	
2,3,7,8-TETRACHLORODIBENZOFURAN	4.69	U	--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	2.66	U	--	
Dioxin/Furan - Toxic Equivalent	0	UJ	--	
Heptachlorodibenzofuran (total)	3.05	UJ	--	
Heptachlorodibenzo-p-dioxin (total)	3.3	UJ	--	
Hexachlorodibenzofuran (total)	1.34	UJ	--	
Hexachlorodibenzo-p-dioxin (total)	1.8	UJ	--	
Pentachlorodibenzofuran (total)	11.7	*	--	
Pentachlorodibenzo-p-dioxin (total)	1.27	UJ	--	
Tetrachlorodibenzo(p)dioxin (total)	2.66	UJ	--	
Tetrachlorodibenzofuran (total)	41.5	*	--	
Notes:				
1. U = Not Detected				
2. UJ = Detection Limit Approximate				
3. J = Quantitation Approximate				
4. * = Concentration obtained from dilution analysis				
5. R = Rejected				
6. NA = Not Analyzed				
7. EMPC = Estimated Maximum Potential Concentra				

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC01B**	**MW-PC01D**	**MW-PC01M**	**MW-PC01S**	**MW-PC02B**	**MW-PC02D**	**MW-PC02S**	**MW-PC03B**	**MW-PC03D**
Station ID	RM-MW-1B-CTDEP-09	RM-MW-1D-CTDEP-09	RM-MW-1M-CTDEP-09	RM-MW-1S-CTDEP-09	RM-MW-2B-CTDEP-09	RM-MW-2D-CTDEP-09	RM-MW-2S-CTDEP-09	RM-MW-3B-CTDEP-09	RM-MW-3D-CTDEP-09
Date Sampled	11/6/2009	11/3/2009	11/3/2009	11/6/2009	11/3/2009	11/3/2009	11/2/09	11/3/2009	11/2/2009
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Bedrock	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden
Chemical									
CLP TAL Total Metals (ug/L)									
ALUMINUM	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--
CYANIDE	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--
Wet Chemistry Data (mg/L)									
Alkalinity	--	--	--	--	--	--	--	--	--
Carbon Dioxide, Free	--	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	--
Nitrate (as Nitrogen)	--	--	--	--	--	--	--	--	--
Nitrite (as Nitrogen)	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--
TOC Result 1	--	--	--	--	--	--	--	--	--

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	MW-PC01B	MW-PC01D	MW-PC01M	MW-PC01S	MW-PC02B	MW-PC02D	MW-PC02S	MW-PC03B	MW-PC03D
Station ID	RM-MW-1B-CTDEP-09	RM-MW-1D-CTDEP-09	RM-MW-1M-CTDEP-09	RM-MW-1S-CTDEP-09	RM-MW-2B-CTDEP-09	RM-MW-2D-CTDEP-09	RM-MW-2S-CTDEP-09	RM-MW-3B-CTDEP-09	RM-MW-3D-CTDEP-09
Date Sampled	11/6/2009	11/3/2009	11/3/2009	11/6/2009	11/3/2009	11/3/2009	11/2/09	11/3/2009	11/2/2009
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Bedrock	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden
Chemical									
TOC Result 2	--	--	--	--	--	--	--	--	--
TOC Result 3	--	--	--	--	--	--	--	--	--
TOC Result 4	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--
Methane, Ethane, Ethene (MEE) (ug/L)									
Ethane	--	--	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--	--	--
Methane	--	--	--	--	--	--	--	--	--
CLP PCB Aroclors (ug/L)									
AROCLOR 1016	--	--	--	--	--	--	--	--	--
AROCLOR 1221	--	--	--	--	--	--	--	--	--
AROCLOR 1232	--	--	--	--	--	--	--	--	--
AROCLOR 1242	--	--	--	--	--	--	--	--	--
AROCLOR 1248	--	--	--	--	--	--	--	--	--
AROCLOR 1254	--	--	--	--	--	--	--	--	--
AROCLOR 1260	--	--	--	--	--	--	--	--	--
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
CLP Semivolatile Organic Compounds (ug/L)									
1,1'-Biphenyl	--	--	--	--	--	--	--	--	--
1,2,4,5-TETRACHLOROBENZENE	--	--	--	--	--	--	--	--	--
2,2'-Oxybis(1-chloropropane)	--	--	--	--	--	--	--	--	--
2,3,4,6-TETRACHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	1	U	1	UJ	1	UJ	1	U	26000	J	140000	J	1	UJ	13	J	1	UJ
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	0.5	U	0.5	U	10	U	2.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	1	U	1	U	1	U	1	U	20	U	21		1	U	1	U	1	U
1,1-DICHLOROETHANE	1	U	1	U	4.5	J	1	U	4600		540		1	U	27		1	U
1,1-DICHLOROETHENE	1	U	1	U	1.2	J	1	U	11000		22000		1	U	71		1	U
1,2,3-TRICHLOROBENZENE	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	1	UJ	1	UJ
1,2,4-TRICHLOROBENZENE	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	1	UJ	1	UJ
1,2-DIBROMO-3-CHLOROPROPANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
1,2-DIBROMOETHANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
1,2-DICHLOROBENZENE	NA		1	U	1	U	NA		20	U	5	U	1	U	1	U	1	U

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
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Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
1,2-DICHLOROETHANE	1	U	1.5		1	U	1	U	20	U	5	U	1	U	1	U	1.2	
1,2-DICHLOROPROPANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
1,3-DICHLOROBENZENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
1,4-DICHLOROBENZENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	5	U	5	UJ	5	UJ	5	U	100	UJ	25	UJ	5	UJ	5	UJ	5	UJ
2-HEXANONE	5	U	5	U	5	U	5	U	100	U	25	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	5	U	5	U	5	U	5	U	100	U	25	U	5	U	5	U	5	U
ACETONE	25	U	25	U	25	U	50	U	500	U	120	U	25	U	25	U	25	U
BENZENE	1	U	1	U	5.3	J	1	U	20	U	5	U	1	U	7.2		11	
BROMOCHLOROMETHANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
BROMODICHLOROMETHANE	0.5	U	0.5	U	0.5	U	0.5	U	10	U	2.5	U	0.5	U	0.5	U	0.5	U
BROMOFORM	1	U	1	UJ	1	UJ	1	U	20	UJ	5		1	UJ	1	UJ	1	UJ
BROMOMETHANE	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	1	UJ	1	UJ
CARBON DISULFIDE	5	U	5	U	5	U	5	U	100	U	25	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
CHLOROBENZENE	1	U	3.2		1300	J	1	U	20	U	9.9		1	U	1200		2700	
CHLOROETHANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
CHLOROFORM	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	1	UJ	1	UJ
CHLOROMETHANE	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	1	UJ	1	UJ
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	0.5	U	0.5	U	0.5	U	0.5	U	10	U	2.5	U	0.5	U	0.5	U	0.5	U
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
ISOPROPYLBENZENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1.6	
m,p-Xylene	1	U	1	U	1	U	1	U	20	U	7.4		1	U	1	U	1	U
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	36	J	320		1100	J	1	U	20	U	5	U	1	U	32		1	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
O-XYLENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
STYRENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
TETRACHLOROETHENE	1.1	J	5.4		1.8		1	U	20	U	5	U	1	U	1.3		1	U

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
TOLUENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
TRANS-1,2-DICHLOROETHENE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	0.5	U	0.5	U	10	U	2.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	7.4	U	3.8	U	1	U	1	U	41		130		1	U	15		1	U
TRICHLOROFLUOROMETHANE	1	U	1	U	1	U	1	U	20	U	5	U	1	U	1	U	1	U
VINYL CHLORIDE	1	U	1	UJ	1	UJ	1	U	20	UJ	5	UJ	1	UJ	6.2	J	1	UJ
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC01B**	**MW-PC01D**	**MW-PC01M**	**MW-PC01S**	**MW-PC02B**	**MW-PC02D**	**MW-PC02S**	**MW-PC03B**	**MW-PC03D**
Station ID	RM-MW-1B-CTDEP-09	RM-MW-1D-CTDEP-09	RM-MW-1M-CTDEP-09	RM-MW-1S-CTDEP-09	RM-MW-2B-CTDEP-09	RM-MW-2D-CTDEP-09	RM-MW-2S-CTDEP-09	RM-MW-3B-CTDEP-09	RM-MW-3D-CTDEP-09
Date Sampled	11/6/2009	11/3/2009	11/3/2009	11/6/2009	11/3/2009	11/3/2009	11/2/09	11/3/2009	11/2/2009
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Bedrock	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden
Chemical									
CHLOROFORM	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	--
Methyl acetate	--	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--	--	--	--	--	--
Methylcyclohexane	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--
O-XYLENE	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--
Dioxins and Furans (pg/L)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC01B**		**MW-PC01D**		**MW-PC01M**		**MW-PC01S**		**MW-PC02B**		**MW-PC02D**		**MW-PC02S**		**MW-PC03B**		**MW-PC03D**	
Station ID	RM-MW-1B-CTDEP-09		RM-MW-1D-CTDEP-09		RM-MW-1M-CTDEP-09		RM-MW-1S-CTDEP-09		RM-MW-2B-CTDEP-09		RM-MW-2D-CTDEP-09		RM-MW-2S-CTDEP-09		RM-MW-3B-CTDEP-09		RM-MW-3D-CTDEP-09	
Date Sampled	11/6/2009		11/3/2009		11/3/2009		11/6/2009		11/3/2009		11/3/2009		11/2/09		11/3/2009		11/2/2009	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentration

Well ID	**MW-PC03S**	**MW-PC04B**	**MW-PC04D**	**MW-PC04S**	**MW-PC05B**	**MW-PC05D**	**MW-PC05M**	**MW-PC05S**	**MW-PC06B**
Station ID	RM-MW-3S-CTDEP-09	RM-MW-4B-CTDEP-09	RM-MW-4D-CTDEP-09	RM-MW-4S-CTDEP-09	RM-MW-5B-CTDEP-09	RM-MW-5D-CTDEP-09	RM-MW-5M-CTDEP-09	RM-MW-5S-CTDEP-09	RM-MW-6B-CTDEP-09
Date Sampled	11/3/09	11/4/2009	11/4/2009	11/4/09	11/4/09	11/4/09	11/4/09	11/4/09	11/2/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Bedrock
Chemical									
CLP TAL Total Metals (ug/L)									
ALUMINUM	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--
CYANIDE	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--
Wet Chemistry Data (mg/L)									
Alkalinity	--	--	--	--	--	--	--	--	--
Carbon Dioxide, Free	--	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	--
Nitrate (as Nitrogen)	--	--	--	--	--	--	--	--	--
Nitrite (as Nitrogen)	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--
TOC Result 1	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC03S**	**MW-PC04B**	**MW-PC04D**	**MW-PC04S**	**MW-PC05B**	**MW-PC05D**	**MW-PC05M**	**MW-PC05S**	**MW-PC06B**
Station ID	RM-MW-3S-CTDEP-09	RM-MW-4B-CTDEP-09	RM-MW-4D-CTDEP-09	RM-MW-4S-CTDEP-09	RM-MW-5B-CTDEP-09	RM-MW-5D-CTDEP-09	RM-MW-5M-CTDEP-09	RM-MW-5S-CTDEP-09	RM-MW-6B-CTDEP-09
Date Sampled	11/3/09	11/4/2009	11/4/2009	11/4/09	11/4/09	11/4/09	11/4/09	11/4/09	11/2/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Bedrock
Chemical									
TOC Result 2	--	--	--	--	--	--	--	--	--
TOC Result 3	--	--	--	--	--	--	--	--	--
TOC Result 4	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--
Methane, Ethane, Ethene (MEE) (ug/L)									
Ethane	--	--	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--	--	--
Methane	--	--	--	--	--	--	--	--	--
CLP PCB Aroclors (ug/L)									
AROCLOR 1016	--	--	--	--	--	--	--	--	--
AROCLOR 1221	--	--	--	--	--	--	--	--	--
AROCLOR 1232	--	--	--	--	--	--	--	--	--
AROCLOR 1242	--	--	--	--	--	--	--	--	--
AROCLOR 1248	--	--	--	--	--	--	--	--	--
AROCLOR 1254	--	--	--	--	--	--	--	--	--
AROCLOR 1260	--	--	--	--	--	--	--	--	--
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
CLP Semivolatile Organic Compounds (ug/L)									
1,1'-Biphenyl	--	--	--	--	--	--	--	--	--
1,2,4,5-TETRACHLOROBENZENE	--	--	--	--	--	--	--	--	--
2,2'-Oxybis(1-chloropropane)	--	--	--	--	--	--	--	--	--
2,3,4,6-TETRACHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	1	UJ	1	U	1	U	5	U	25		1	U	1	U	1	U	1.6	J
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
1,1-DICHLOROETHANE	1	U	1	U	1	U	5	U	48		1	U	1	U	1	U	120	
1,1-DICHLOROETHENE	1	U	1	U	1	U	5	U	36		1	U	1	U	1	U	150	
1,2,3-TRICHLOROBENZENE	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
1,2,4-TRICHLOROBENZENE	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
1,2-DIBROMO-3-CHLOROPROPANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
1,2-DIBROMOETHANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
1,2-DICHLOROBENZENE	1	U	1	U	NA		NA		1	U	1	U	1	U	1	U	1	U

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
1,2-DICHLOROETHANE	1.2		1	U	1	U	5	U	1.7		7.4		5		1	U	1	U
1,2-DICHLOROPROPANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
1,3-DICHLOROBENZENE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
1,4-DICHLOROBENZENE	1	U	1	U	1	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	5	UJ	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	UJ
2-HEXANONE	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U
ACETONE	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U
BENZENE	8.1		1	U	3.2		5	U	1	U	1	U	1	U	1	U	1	U
BROMOCHLOROMETHANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
BROMODICHLOROMETHANE	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
BROMOFORM	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
BROMOMETHANE	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
CARBON DISULFIDE	5	U	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	3500		2.9		1000		7.5		2.2		33		13		1	U	8.1	
CHLOROETHANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
CHLOROFORM	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
CHLOROMETHANE	1	UJ	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	0.5	U	0.5	U	0.5	U	2.5	U	1	U	1	U	1	U	1	U	0.5	U
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	1	U	1	U	1	U	34		1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	4.4		1	U	1	U	30		1	U	1	U	1	U	1	U	1	U
m,p-Xylene	1	U	1	U	1	U	84		1	U	1	U	1	U	1	U	1	U
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	1	U	1.2		1	U	5	U	1	U	1	U	1	U	1	U	3.4	
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1		5	U
O-XYLENE	1	U	1	U	1	U	18		1	U	1	U	1	U	1	U	1	U
STYRENE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
TETRACHLOROETHENE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
TOLUENE	1	U	1	U	1	U	98		1	U	1	U	1	U	1	U	1	U
TRANS-1,2-DICHLOROETHENE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	1	U	1	U	1	U	5	U	45		1	U	1	U	1	U	650	
TRICHLOROFLUOROMETHANE	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
VINYL CHLORIDE	1	UJ	1	U	1	U	5	U	53		1	U	1	U	1	U	1	UJ
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC03S**	**MW-PC04B**	**MW-PC04D**	**MW-PC04S**	**MW-PC05B**	**MW-PC05D**	**MW-PC05M**	**MW-PC05S**	**MW-PC06B**
Station ID	RM-MW-3S-CTDEP-09	RM-MW-4B-CTDEP-09	RM-MW-4D-CTDEP-09	RM-MW-4S-CTDEP-09	RM-MW-5B-CTDEP-09	RM-MW-5D-CTDEP-09	RM-MW-5M-CTDEP-09	RM-MW-5S-CTDEP-09	RM-MW-6B-CTDEP-09
Date Sampled	11/3/09	11/4/2009	11/4/2009	11/4/09	11/4/09	11/4/09	11/4/09	11/4/09	11/2/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Bedrock
Chemical									
CHLOROFORM	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	--
Methyl acetate	--	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--	--	--	--	--	--
Methylcyclohexane	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--
O-XYLENE	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--
Dioxins and Furans (pg/L)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC03S**		**MW-PC04B**		**MW-PC04D**		**MW-PC04S**		**MW-PC05B**		**MW-PC05D**		**MW-PC05M**		**MW-PC05S**		**MW-PC06B**	
Station ID	RM-MW-3S-CTDEP-09		RM-MW-4B-CTDEP-09		RM-MW-4D-CTDEP-09		RM-MW-4S-CTDEP-09		RM-MW-5B-CTDEP-09		RM-MW-5D-CTDEP-09		RM-MW-5M-CTDEP-09		RM-MW-5S-CTDEP-09		RM-MW-6B-CTDEP-09	
Date Sampled	11/3/09		11/4/2009		11/4/2009		11/4/09		11/4/09		11/4/09		11/4/09		11/4/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentrat

Well ID	**MW-PC06D**	**MW-PC06M**	**MW-PC06S**	**MW-PC07S**	**MW-PC08B**	**MW-PC08D**	**MW-PC08S**	**MW-PC09D**	**MW-PC09S**
Station ID	RM-MW-6D-CTDEP-09	RM-MW-6M-CTDEP-09	RM-MW-6S-CTDEP-09	RM-MW-7S-CTDEP-09	RM-MW-8B-CTDEP-09	RM-MW-8D-CTDEP-09	RM-MW-8S-CTDEP-09	RM-MW-9D-CTDEP-09	RM-MW-9S-CTDEP-09
Date Sampled	11/2/09	11/2/09	11/2/09	11/4/09	11/5/2009	11/5/2009	11/5/09	11/5/09	11/5/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Overburden
Chemical									
CLP TAL Total Metals (ug/L)									
ALUMINUM	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--
CYANIDE	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--
Wet Chemistry Data (mg/L)									
Alkalinity	--	--	--	--	--	--	--	--	--
Carbon Dioxide, Free	--	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	--
Nitrate (as Nitrogen)	--	--	--	--	--	--	--	--	--
Nitrite (as Nitrogen)	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--
TOC Result 1	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC06D**	**MW-PC06M**	**MW-PC06S**	**MW-PC07S**	**MW-PC08B**	**MW-PC08D**	**MW-PC08S**	**MW-PC09D**	**MW-PC09S**
Station ID	RM-MW-6D-CTDEP-09	RM-MW-6M-CTDEP-09	RM-MW-6S-CTDEP-09	RM-MW-7S-CTDEP-09	RM-MW-8B-CTDEP-09	RM-MW-8D-CTDEP-09	RM-MW-8S-CTDEP-09	RM-MW-9D-CTDEP-09	RM-MW-9S-CTDEP-09
Date Sampled	11/2/09	11/2/09	11/2/09	11/4/09	11/5/2009	11/5/2009	11/5/09	11/5/09	11/5/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Overburden
Chemical									
TOC Result 2	--	--	--	--	--	--	--	--	--
TOC Result 3	--	--	--	--	--	--	--	--	--
TOC Result 4	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--
Methane, Ethane, Ethene (MEE) (ug/L)									
Ethane	--	--	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--	--	--
Methane	--	--	--	--	--	--	--	--	--
CLP PCB Aroclors (ug/L)									
AROCLOR 1016	--	--	--	--	--	--	--	--	--
AROCLOR 1221	--	--	--	--	--	--	--	--	--
AROCLOR 1232	--	--	--	--	--	--	--	--	--
AROCLOR 1242	--	--	--	--	--	--	--	--	--
AROCLOR 1248	--	--	--	--	--	--	--	--	--
AROCLOR 1254	--	--	--	--	--	--	--	--	--
AROCLOR 1260	--	--	--	--	--	--	--	--	--
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
CLP Semivolatile Organic Compounds (ug/L)									
1,1'-Biphenyl	--	--	--	--	--	--	--	--	--
1,2,4,5-TETRACHLOROBENZENE	--	--	--	--	--	--	--	--	--
2,2'-Oxybis(1-chloropropane)	--	--	--	--	--	--	--	--	--
2,3,4,6-TETRACHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	1	UJ	1	UJ	5	UJ	1	U	120		75		55		430		88	
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	1	U	1	U	5	U	1	U	1.2		1	U	1	U	1	U	1	U
1,1-DICHLOROETHANE	1	U	1	U	5	U	1	U	38		3.6		15		19		13	
1,1-DICHLOROETHENE	1	U	1	U	5	U	1	U	230		10		1.6		32	J	7.7	
1,2,3-TRICHLOROBENZENE	1	UJ	1	UJ	5	UJ	1	U	1	U	1	U	1	U	1	UJ	1	U
1,2,4-TRICHLOROBENZENE	1	UJ	1	UJ	5	UJ	1	U	1	U	1	U	1	U	1	UJ	1	U
1,2-DIBROMO-3-CHLOROPROPANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DIBROMOETHANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DICHLOROBENZENE	1	U	1	U	5	U	NA		NA		NA		NA		NA		NA	

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
1,2-DICHLOROETHANE	1	U	1.5	J	5	U	1	U	1.2		1	U	1	U	1	U	1	U
1,2-DICHLOROPROPANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-DICHLOROBENZENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-DICHLOROBENZENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	5	UJ	5	UJ	25	UJ	5	U	5	U	5	U	5	U	5	U	5	U
2-HEXANONE	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETONE	25	U	25	U	120	U	25	U	25	U	25	U	25	U	25	U	25	U
BENZENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMOCHLOROMETHANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMODICHLOROMETHANE	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
BROMOFORM	1	UJ	1	UJ	5	UJ	1	U	1	U	1	U	1	U	1	UJ	1	U
BROMOMETHANE	1	UJ	1	UJ	5	UJ	1	U	1	U	1	U	1	U	1	UJ	1	U
CARBON DISULFIDE	5	U	5	U	25	U	5	U	5	U	5	U	5	U	5	UJ	5	U
CARBON TETRACHLORIDE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	2.8		2.8		15		2.4		2.9		2.5		1.3		4.7		3	
CHLOROETHANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROFORM	1	UJ	1	UJ	5	UJ	1	U	1.7		1	U	1	U	1	U	1	U
CHLOROMETHANE	1	UJ	1	UJ	5	UJ	1	U	1	U	1	U	1	U	1	UJ	1	U
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	1	U	1	U	12		1	U	1	U	1	U	1	U	1	U	1	U
m,p-Xylene	1	U	1	U	6.8		1	U	1	U	1	U	1	U	1	U	1	U
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	UJ	1	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
O-XYLENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
STYRENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
TETRACHLOROETHENE	1	U	1	U	5	U	1	U	3.3		1	U	1	U	1	U	<1.0	U

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
TOLUENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
TRANS-1,2-DICHLOROETHENE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	<0.50	U
TRICHLOROETHENE	1	U	1	U	5.7		1	U	870		46		2.7		250		2.3	
TRICHLOROFLUOROMETHANE	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U
VINYL CHLORIDE	1	UJ	NA		NA		1	U	1.6	J	1.9		26		69	J	79	
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC06D**	**MW-PC06M**	**MW-PC06S**	**MW-PC07S**	**MW-PC08B**	**MW-PC08D**	**MW-PC08S**	**MW-PC09D**	**MW-PC09S**
Station ID	RM-MW-6D-CTDEP-09	RM-MW-6M-CTDEP-09	RM-MW-6S-CTDEP-09	RM-MW-7S-CTDEP-09	RM-MW-8B-CTDEP-09	RM-MW-8D-CTDEP-09	RM-MW-8S-CTDEP-09	RM-MW-9D-CTDEP-09	RM-MW-9S-CTDEP-09
Date Sampled	11/2/09	11/2/09	11/2/09	11/4/09	11/5/2009	11/5/2009	11/5/09	11/5/09	11/5/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Overburden
Chemical									
CHLOROFORM	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	--
Methyl acetate	--	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--	--	--	--	--	--
Methylcyclohexane	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--
O-XYLENE	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--
Dioxins and Furans (pg/L)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC06D**		**MW-PC06M**		**MW-PC06S**		**MW-PC07S**		**MW-PC08B**		**MW-PC08D**		**MW-PC08S**		**MW-PC09D**		**MW-PC09S**	
Station ID	RM-MW-6D-CTDEP-09		RM-MW-6M-CTDEP-09		RM-MW-6S-CTDEP-09		RM-MW-7S-CTDEP-09		RM-MW-8B-CTDEP-09		RM-MW-8D-CTDEP-09		RM-MW-8S-CTDEP-09		RM-MW-9D-CTDEP-09		RM-MW-9S-CTDEP-09	
Date Sampled	11/2/09		11/2/09		11/2/09		11/4/09		11/5/2009		11/5/2009		11/5/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentrat

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
CLP TAL Total Metals (ug/L)																		
ALUMINUM	--		--		--		--		--		--		--		--		--	
ANTIMONY	--		--		--		--		--		--		--		--		--	
ARSENIC	--		--		--		--		--		--		--		--		--	
BARIUM	--		--		--		--		--		--		--		--		--	
BERYLLIUM	--		--		--		--		--		--		--		--		--	
CADMIUM	--		--		--		--		--		--		--		--		--	
CALCIUM	--		--		--		--		--		--		--		--		--	
CHROMIUM	--		--		--		--		--		--		--		--		--	
COBALT	--		--		--		--		--		--		--		--		--	
COPPER	--		--		--		--		--		--		--		--		--	
CYANIDE	--		--		--		--		--		--		--		--		--	
IRON	--		--		--		--		--		--		--		--		--	
LEAD	--		--		--		--		--		--		--		--		--	
MAGNESIUM	--		--		--		--		--		--		--		--		--	
MANGANESE	--		--		--		--		--		--		--		--		--	
MERCURY	--		--		--		--		--		--		--		--		--	
NICKEL	--		--		--		--		--		--		--		--		--	
POTASSIUM	--		--		--		--		--		--		--		--		--	
SELENIUM	--		--		--		--		--		--		--		--		--	
SILVER	--		--		--		--		--		--		--		--		--	
SODIUM	--		--		--		--		--		--		--		--		--	
THALLIUM	--		--		--		--		--		--		--		--		--	
VANADIUM	--		--		--		--		--		--		--		--		--	
ZINC	--		--		--		--		--		--		--		--		--	
Wet Chemistry Data (mg/L)																		
Alkalinity	--		--		--		--		--		--		--		--		--	
Carbon Dioxide, Free	--		--		--		--		--		--		--		--		--	
Chloride	--		--		--		--		--		--		--		--		--	
Nitrate (as Nitrogen)	--		--		--		--		--		--		--		--		--	
Nitrite (as Nitrogen)	--		--		--		--		--		--		--		--		--	
Sulfate	--		--		--		--		--		--		--		--		--	
Sulfide	--		--		--		--		--		--		--		--		--	
TOC Result 1	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
TOC Result 2	--		--		--		--		--		--		--		--		--	
TOC Result 3	--		--		--		--		--		--		--		--		--	
TOC Result 4	--		--		--		--		--		--		--		--		--	
Total Organic Carbon	--		--		--		--		--		--		--		--		--	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	--		--		--		--		--		--		--		--		--	
Ethylene	--		--		--		--		--		--		--		--		--	
Methane	--		--		--		--		--		--		--		--		--	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	--		--		--		--		--		--		--		--		--	
AROCLOR 1221	--		--		--		--		--		--		--		--		--	
AROCLOR 1232	--		--		--		--		--		--		--		--		--	
AROCLOR 1242	--		--		--		--		--		--		--		--		--	
AROCLOR 1248	--		--		--		--		--		--		--		--		--	
AROCLOR 1254	--		--		--		--		--		--		--		--		--	
AROCLOR 1260	--		--		--		--		--		--		--		--		--	
Aroclor 1262	--		--		--		--		--		--		--		--		--	
Aroclor 1268	--		--		--		--		--		--		--		--		--	
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	--		--		--		--		--		--		--		--		--	
1,2,4,5-TETRACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2,2'-Oxybis(1-chloropropane)	--		--		--		--		--		--		--		--		--	
2,3,4,6-TETRACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4,5-TRICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4,6-TRICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DIMETHYLPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DINITROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DINITROTOLUENE	--		--		--		--		--		--		--		--		--	
2,6-DINITROTOLUENE	--		--		--		--		--		--		--		--		--	
2-CHLORONAPHTHALENE	--		--		--		--		--		--		--		--		--	
2-CHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	1	U	4.1		2.1	J	1	U	1	U	3.1		1	U	1	U	16	
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2.3	
1,1-DICHLOROETHANE	1.2		2.2		1.6	J	1	U	1	U	3.1		1.2		6.9		12	
1,1-DICHLOROETHENE	3.9		3.8		1.9	J	1	U	1	U	5		1	U	1	U	21	
1,2,3-TRICHLOROBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-TRICHLOROBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DIBROMO-3-CHLOROPROPANE	0.5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DIBROMOETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DICHLOROBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
1,2-DICHLOROETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1.9	
1,2-DICHLOROPROPANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-DICHLOROBENZENE	NA		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-DICHLOROBENZENE	1	U	1	U	1	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	1	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-HEXANONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
ACETONE	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
BENZENE	1.2		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMOCHLOROMETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMODICHLOROMETHANE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
BROMOFORM	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMOMETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CARBON DISULFIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	8.2		1	U	1	U	1	U	1	U	1.4		1	U	2.7		2.8	
CHLOROETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROFORM	1	U	1	U	1	U	1	U	1	U	1.5		1	U	1	U	9.8	
CHLOROMETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	1	U	0.5	U	0.5	U	0.5	U	1	U	1	U	1	U	1	U	0.5	U
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
m,p-Xylene	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	5	U
O-XYLENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
STYRENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TETRACHLOROETHENE	3.1		2.9		1.3	J	1	U	1	U	1.5		1	U	1	U	2.7	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
TOLUENE	1	U	1	U	1	U	7.2		1	U	1	U	1	U	1	U	1	U
TRANS-1,2-DICHLOROETHENE	1.3		1	U	1	U	1	U	1	U	1.2		1	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	2000		710		160	J	26		12		130		13		1	U	2100	
TRICHLOROFLUOROMETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
VINYL CHLORIDE	1	U	4		2.4	J	1	U	1	U	1	U	1	U	41		4.6	
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
CHLOROFORM	--		--		--		--		--		--		--		--		--	
CHLOROMETHANE	--		--		--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
Cyclohexane	--		--		--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
ETHYLBENZENE	--		--		--		--		--		--		--		--		--	
ISOPROPYLBENZENE	--		--		--		--		--		--		--		--		--	
m,p-Xylene	--		--		--		--		--		--		--		--		--	
Methyl acetate	--		--		--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		--		--		--		--		--	
Methylcyclohexane	--		--		--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		--		--		--		--		--		--		--		--	
O-XYLENE	--		--		--		--		--		--		--		--		--	
STYRENE	--		--		--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		--		--		--		--		--		--		--		--	
TOLUENE	--		--		--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
TRICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
VINYL CHLORIDE	--		--		--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC10B**		**MW-PC10D**		**MW-PC10M**		**MW-PC10S**		**MW-PC11B**		**MW-PC11D**		**MW-PC11M**		**MW-PC11S**		**MW-PC12B**	
Station ID	RM-MW-10B-CTDEP-09		RM-MW-10D-CTDEP-09		RM-MW-10M-CTDEP-09		RM-MW-10S-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-11B-CTDEP-09		RM-MW-12B-CTDEP-09	
Date Sampled	11/4/2009		11/4/2009		11/4/09		11/4/09		11/6/09		11/6/09		11/6/09		11/6/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentrat

Well ID	**MW-PC12D**	**MW-PC12D**	**MW-PC12S**	**MW-PC13B**	**MW-PC13D**	**MW-PC13M**	**MW-PC13S**	**MW-PC14B**	**MW-PC14D**
Station ID	RM-MW-12D-CTDEP-09	RM-MW-12D-CTDEP-09	RM-MW-12S-CTDEP-09	RM-MW-13B-CTDEP-09	RM-MW-13D-CTDEP-09	RM-MW-13M-CTDEP-09	RM-MW-13S-CTDEP-09	RM-MW-14B-CTDEP-09	RM-MW-14D-CTDEP-09
Date Sampled	11/5/09	11/5/2009	11/5/09	11/4/09	11/3/09	11/4/09	11/3/09	11/5/09	11/5/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Bedrock	Overburden
Chemical									
CLP TAL Total Metals (ug/L)									
ALUMINUM	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--
CYANIDE	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--
Wet Chemistry Data (mg/L)									
Alkalinity	--	--	--	--	--	--	--	--	--
Carbon Dioxide, Free	--	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	--
Nitrate (as Nitrogen)	--	--	--	--	--	--	--	--	--
Nitrite (as Nitrogen)	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--
TOC Result 1	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
TOC Result 2	--		--		--		--		--		--		--		--		--	
TOC Result 3	--		--		--		--		--		--		--		--		--	
TOC Result 4	--		--		--		--		--		--		--		--		--	
Total Organic Carbon	--		--		--		--		--		--		--		--		--	
Methane, Ethane, Ethene (MEE) (ug/L)																		
Ethane	--		--		--		--		--		--		--		--		--	
Ethylene	--		--		--		--		--		--		--		--		--	
Methane	--		--		--		--		--		--		--		--		--	
CLP PCB Aroclors (ug/L)																		
AROCLOR 1016	--		--		--		--		--		--		--		--		--	
AROCLOR 1221	--		--		--		--		--		--		--		--		--	
AROCLOR 1232	--		--		--		--		--		--		--		--		--	
AROCLOR 1242	--		--		--		--		--		--		--		--		--	
AROCLOR 1248	--		--		--		--		--		--		--		--		--	
AROCLOR 1254	--		--		--		--		--		--		--		--		--	
AROCLOR 1260	--		--		--		--		--		--		--		--		--	
Aroclor 1262	--		--		--		--		--		--		--		--		--	
Aroclor 1268	--		--		--		--		--		--		--		--		--	
CLP Semivolatile Organic Compounds (ug/L)																		
1,1'-Biphenyl	--		--		--		--		--		--		--		--		--	
1,2,4,5-TETRACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2,2'-Oxybis(1-chloropropane)	--		--		--		--		--		--		--		--		--	
2,3,4,6-TETRACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4,5-TRICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4,6-TRICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DICHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DIMETHYLPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DINITROPHENOL	--		--		--		--		--		--		--		--		--	
2,4-DINITROTOLUENE	--		--		--		--		--		--		--		--		--	
2,6-DINITROTOLUENE	--		--		--		--		--		--		--		--		--	
2-CHLORONAPHTHALENE	--		--		--		--		--		--		--		--		--	
2-CHLOROPHENOL	--		--		--		--		--		--		--		--		--	
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	45		42		1	U	4.1		22	J	1.2		2	J	1	U	70	
1,1,2,2-TETRACHLOROETHANE	5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
1,1-DICHLOROETHANE	23		20		20		3.5		6.2		1.5		2.9		1.2		32	
1,1-DICHLOROETHENE	43		45		1	U	8.1		33		1	U	1.4		2.7		72	
1,2,3-TRICHLOROBENZENE	10	U	10	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	10	U
1,2,4-TRICHLOROBENZENE	10	U	10	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	10	U
1,2-DIBROMO-3-CHLOROPROPANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
1,2-DIBROMOETHANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
1,2-DICHLOROBENZENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
1,2-DICHLOROETHANE	10	U	10	U	1	U	1.4		1	U	1	U	1	U	1	U	10	U
1,2-DICHLOROPROPANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
1,3-DICHLOROBENZENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
1,4-DICHLOROBENZENE	10	U	10	U	1	U	6.5		1	U	1	U	1	U	1	U	10	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	50	U	50	U	5	U	5	U	5	UJ	5	U	5	UJ	5	U	50	U
2-HEXANONE	50	U	50	U	5	U	5	U	5	U	5	U	5	U	5	U	50	U
4-METHYL-2-PENTANONE	50	U	50	U	5	U	5	U	5	U	5	U	5	U	NA		NA	
ACETONE	250	U	250	U	25	U	25	U	25	U	25	U	25	U	25	U	250	U
BENZENE	10	U	10	U	1.5		7.3		1	U	1	U	1	U	1	U	10	
BROMOCHLOROMETHANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
BROMODICHLOROMETHANE	5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
BROMOFORM	10	U	10	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	10	U
BROMOMETHANE	10	U	10	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	10	U
CARBON DISULFIDE	50	U	50	U	5	U	5	U	5	U	5	U	5	U	5	U	50	U
CARBON TETRACHLORIDE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
CHLOROBENZENE	61		62		33		79		2.2		1	U	1		8.3		96	
CHLOROETHANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
CHLOROFORM	23		21		1	U	5.6		1	UJ	1	U	1	UJ	1.1		23	
CHLOROMETHANE	10	U	10	U	1	U	1	U	1	UJ	1	U	1	UJ	1	U	10	U
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		NA	
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
ISOPROPYLBENZENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
m,p-Xylene	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	41	
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	10	U	10	U	1.1		1	U	1	U	1	U	1	U	1	U	10	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	54		60		1	U	1	U	1	U	1	U	1	U	5	U	120	
O-XYLENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	32	
STYRENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
TETRACHLOROETHENE	11		12		1	U	20		6.3		1.5		1		1	U	17	

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
TOLUENE	14	J	20	J	1	U	1	U	1	U	1	U	1	U	1	U	240	
TRANS-1,2-DICHLOROETHENE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
TRANS-1,3-DICHLOROPROPENE	5	U	5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	5	U
TRICHLOROETHENE	4600		4800		1	U	4600		460		17		60		350		7800	
TRICHLOROFLUOROMETHANE	10	U	10	U	1	U	1	U	1	U	1	U	1	U	NA		NA	
VINYL CHLORIDE	13		14		35		1	U	1	U	1	U	1	U	1.6		10	U
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC12D**	**MW-PC12D**	**MW-PC12S**	**MW-PC13B**	**MW-PC13D**	**MW-PC13M**	**MW-PC13S**	**MW-PC14B**	**MW-PC14D**
Station ID	RM-MW-12D-CTDEP-09	RM-MW-12D-CTDEP-09	RM-MW-12S-CTDEP-09	RM-MW-13B-CTDEP-09	RM-MW-13D-CTDEP-09	RM-MW-13M-CTDEP-09	RM-MW-13S-CTDEP-09	RM-MW-14B-CTDEP-09	RM-MW-14D-CTDEP-09
Date Sampled	11/5/09	11/5/2009	11/5/09	11/4/09	11/3/09	11/4/09	11/3/09	11/5/09	11/5/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Bedrock	Overburden
Chemical									
CHLOROFORM	--	--	--	--	--	--	--	--	--
CHLOROMETHANE	--	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
CIS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--	--	--	--
DIBROMOCHLOROMETHANE	--	--	--	--	--	--	--	--	--
DICHLORODIFLUOROMETHANE	--	--	--	--	--	--	--	--	--
ETHYLBENZENE	--	--	--	--	--	--	--	--	--
ISOPROPYLBENZENE	--	--	--	--	--	--	--	--	--
m,p-Xylene	--	--	--	--	--	--	--	--	--
Methyl acetate	--	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	--	--	--	--	--	--	--	--	--
Methylcyclohexane	--	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	--	--	--	--	--	--	--	--	--
O-XYLENE	--	--	--	--	--	--	--	--	--
STYRENE	--	--	--	--	--	--	--	--	--
TETRACHLOROETHENE	--	--	--	--	--	--	--	--	--
TOLUENE	--	--	--	--	--	--	--	--	--
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRANS-1,3-DICHLOROPROPENE	--	--	--	--	--	--	--	--	--
TRICHLOROETHENE	--	--	--	--	--	--	--	--	--
TRICHLOROFLUOROMETHANE	--	--	--	--	--	--	--	--	--
VINYL CHLORIDE	--	--	--	--	--	--	--	--	--
Dioxins and Furans (pg/L)									
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--	--	--	--	--	--	--	--	--
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC12D**		**MW-PC12D**		**MW-PC12S**		**MW-PC13B**		**MW-PC13D**		**MW-PC13M**		**MW-PC13S**		**MW-PC14B**		**MW-PC14D**	
Station ID	RM-MW-12D-CTDEP-09		RM-MW-12D-CTDEP-09		RM-MW-12S-CTDEP-09		RM-MW-13B-CTDEP-09		RM-MW-13D-CTDEP-09		RM-MW-13M-CTDEP-09		RM-MW-13S-CTDEP-09		RM-MW-14B-CTDEP-09		RM-MW-14D-CTDEP-09	
Date Sampled	11/5/09		11/5/2009		11/5/09		11/4/09		11/3/09		11/4/09		11/3/09		11/5/09		11/5/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Bedrock		Overburden	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentrat

Well ID	**MW-PC14S**	**MW-PC15B**	**MW-PC15D**	**MW-PC15S**	**MW-PC16B**	**MW-PC16D**	**MW-PC16M**	**MW-PC16S**	**MW-PC16S (Dup)**
Station ID	RM-MW-14S-CTDEP-09	RM-MW-15B-CTDEP-09	RM-MW-15D-CTDEP-09	RM-MW-15S-CTDEP-09	RM-MW-16B-CTDEP-09	RM-MW-16D-CTDEP-09	RM-MW-16M-CTDEP-09	RM-MW-16S-CTDEP-09	RM-MW-16S-CTDEP-09
Date Sampled	11/5/09	11/4/09	11/3/09	11/4/09	11/5/09	11/3/09	11/3/09	11/2/09	11/2/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Overburden
Chemical									
CLP TAL Total Metals (ug/L)									
ALUMINUM	--	--	--	--	--	--	--	--	--
ANTIMONY	--	--	--	--	--	--	--	--	--
ARSENIC	--	--	--	--	--	--	--	--	--
BARIUM	--	--	--	--	--	--	--	--	--
BERYLLIUM	--	--	--	--	--	--	--	--	--
CADMIUM	--	--	--	--	--	--	--	--	--
CALCIUM	--	--	--	--	--	--	--	--	--
CHROMIUM	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--
COPPER	--	--	--	--	--	--	--	--	--
CYANIDE	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--
LEAD	--	--	--	--	--	--	--	--	--
MAGNESIUM	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--
MERCURY	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--
POTASSIUM	--	--	--	--	--	--	--	--	--
SELENIUM	--	--	--	--	--	--	--	--	--
SILVER	--	--	--	--	--	--	--	--	--
SODIUM	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--
Wet Chemistry Data (mg/L)									
Alkalinity	--	--	--	--	--	--	--	--	--
Carbon Dioxide, Free	--	--	--	--	--	--	--	--	--
Chloride	--	--	--	--	--	--	--	--	--
Nitrate (as Nitrogen)	--	--	--	--	--	--	--	--	--
Nitrite (as Nitrogen)	--	--	--	--	--	--	--	--	--
Sulfate	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--
TOC Result 1	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC14S**	**MW-PC15B**	**MW-PC15D**	**MW-PC15S**	**MW-PC16B**	**MW-PC16D**	**MW-PC16M**	**MW-PC16S**	**MW-PC16S (Dup)**
Station ID	RM-MW-14S-CTDEP-09	RM-MW-15B-CTDEP-09	RM-MW-15D-CTDEP-09	RM-MW-15S-CTDEP-09	RM-MW-16B-CTDEP-09	RM-MW-16D-CTDEP-09	RM-MW-16M-CTDEP-09	RM-MW-16S-CTDEP-09	RM-MW-16S-CTDEP-09
Date Sampled	11/5/09	11/4/09	11/3/09	11/4/09	11/5/09	11/3/09	11/3/09	11/2/09	11/2/09
Sample Type	None	None	None	None	None	None	None	None	None
AQUIFER/Parent Sample	Overburden	Bedrock	Overburden	Overburden	Bedrock	Overburden	Overburden	Overburden	Overburden
Chemical									
TOC Result 2	--	--	--	--	--	--	--	--	--
TOC Result 3	--	--	--	--	--	--	--	--	--
TOC Result 4	--	--	--	--	--	--	--	--	--
Total Organic Carbon	--	--	--	--	--	--	--	--	--
Methane, Ethane, Ethene (MEE) (ug/L)									
Ethane	--	--	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--	--	--
Methane	--	--	--	--	--	--	--	--	--
CLP PCB Aroclors (ug/L)									
AROCLOR 1016	--	--	--	--	--	--	--	--	--
AROCLOR 1221	--	--	--	--	--	--	--	--	--
AROCLOR 1232	--	--	--	--	--	--	--	--	--
AROCLOR 1242	--	--	--	--	--	--	--	--	--
AROCLOR 1248	--	--	--	--	--	--	--	--	--
AROCLOR 1254	--	--	--	--	--	--	--	--	--
AROCLOR 1260	--	--	--	--	--	--	--	--	--
Aroclor 1262	--	--	--	--	--	--	--	--	--
Aroclor 1268	--	--	--	--	--	--	--	--	--
CLP Semivolatile Organic Compounds (ug/L)									
1,1'-Biphenyl	--	--	--	--	--	--	--	--	--
1,2,4,5-TETRACHLOROBENZENE	--	--	--	--	--	--	--	--	--
2,2'-Oxybis(1-chloropropane)	--	--	--	--	--	--	--	--	--
2,3,4,6-TETRACHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,5-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4,6-TRICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DICHLOROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DIMETHYLPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROPHENOL	--	--	--	--	--	--	--	--	--
2,4-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2,6-DINITROTOLUENE	--	--	--	--	--	--	--	--	--
2-CHLORONAPHTHALENE	--	--	--	--	--	--	--	--	--
2-CHLOROPHENOL	--	--	--	--	--	--	--	--	--
2-METHYLNAPHTHALENE	--	--	--	--	--	--	--	--	--
2-METHYLPHENOL	--	--	--	--	--	--	--	--	--

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
2-NITROANILINE	--		--		--		--		--		--		--		--		--	
2-NITROPHENOL	--		--		--		--		--		--		--		--		--	
3,3'-DICHLOROBENZIDINE	--		--		--		--		--		--		--		--		--	
3-NITROANILINE	--		--		--		--		--		--		--		--		--	
4,6-DINITRO-2-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-BROMOPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-CHLORO-3-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-CHLOROANILINE	--		--		--		--		--		--		--		--		--	
4-CHLOROPHENYL-PHENYLETHER	--		--		--		--		--		--		--		--		--	
4-METHYLPHENOL	--		--		--		--		--		--		--		--		--	
4-NITROANILINE	--		--		--		--		--		--		--		--		--	
4-NITROPHENOL	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ACETOPHENONE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
ATRAZINE	--		--		--		--		--		--		--		--		--	
BENZALDEHYDE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BIS(2-CHLOROETHOXY)METHANE	--		--		--		--		--		--		--		--		--	
Bis(2-chloroethyl)ether	--		--		--		--		--		--		--		--		--	
BIS(2-ETHYLHEXYL)PHTHALATE	--		--		--		--		--		--		--		--		--	
Butylbenzylphthalate	--		--		--		--		--		--		--		--		--	
Caprolactam	--		--		--		--		--		--		--		--		--	
CARBAZOLE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
DIBENZOFURAN	--		--		--		--		--		--		--		--		--	
Diethylphthalate	--		--		--		--		--		--		--		--		--	
Dimethylphthalate	--		--		--		--		--		--		--		--		--	
DI-N-BUTYL PHTHALATE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
DI-N-OCTYL PHTHALATE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBENZENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROBUTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROCYCLOPENTADIENE	--		--		--		--		--		--		--		--		--	
HEXACHLOROETHANE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
ISOPHORONE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
NITROBENZENE	--		--		--		--		--		--		--		--		--	
N-NITROSO-DI-N-PROPYLAMINE	--		--		--		--		--		--		--		--		--	
N-NITROSODIPHENYLAMINE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	
PHENOL	--		--		--		--		--		--		--		--		--	
PYRENE	--		--		--		--		--		--		--		--		--	
CLP SVOCs by SIM (ug/L)																		
2-METHYLNAPHTHALENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHENE	--		--		--		--		--		--		--		--		--	
ACENAPHTHYLENE	--		--		--		--		--		--		--		--		--	
ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)ANTHRACENE	--		--		--		--		--		--		--		--		--	
BENZO(A)PYRENE	--		--		--		--		--		--		--		--		--	
BENZO(B)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
BENZO(G,H,I)PERYLENE	--		--		--		--		--		--		--		--		--	
BENZO(K)FLUORANTHENE	--		--		--		--		--		--		--		--		--	
CHRYSENE	--		--		--		--		--		--		--		--		--	
DIBENZ(A,H)ANTHRACENE	--		--		--		--		--		--		--		--		--	
FLUORANTHENE	--		--		--		--		--		--		--		--		--	
FLUORENE	--		--		--		--		--		--		--		--		--	
INDENO(1,2,3-CD)PYRENE	--		--		--		--		--		--		--		--		--	
NAPHTHALENE	--		--		--		--		--		--		--		--		--	
PENTACHLOROPHENOL	--		--		--		--		--		--		--		--		--	
PHENANTHRENE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
PYRENE	--		--		--		--		--		--		--		--		--	
CLP Pesticides (ug/L)																		
4,4'-DDD	--		--		--		--		--		--		--		--		--	
4,4'-DDE	--		--		--		--		--		--		--		--		--	
4,4'-DDT	--		--		--		--		--		--		--		--		--	
ALDRIN	--		--		--		--		--		--		--		--		--	
ALPHA-BHC	--		--		--		--		--		--		--		--		--	
alpha-Chlordane	--		--		--		--		--		--		--		--		--	
BETA-BHC	--		--		--		--		--		--		--		--		--	
DELTA-BHC	--		--		--		--		--		--		--		--		--	
DIELDRIN	--		--		--		--		--		--		--		--		--	
ENDOSULFAN I	--		--		--		--		--		--		--		--		--	
ENDOSULFAN II	--		--		--		--		--		--		--		--		--	
ENDOSULFAN SULFATE	--		--		--		--		--		--		--		--		--	
ENDRIN	--		--		--		--		--		--		--		--		--	
ENDRIN ALDEHYDE	--		--		--		--		--		--		--		--		--	
ENDRIN KETONE	--		--		--		--		--		--		--		--		--	
gamma-BHC (Lindane)	--		--		--		--		--		--		--		--		--	
GAMMA-CHLORDANE	--		--		--		--		--		--		--		--		--	
HEPTACHLOR	--		--		--		--		--		--		--		--		--	
HEPTACHLOR EPOXIDE	--		--		--		--		--		--		--		--		--	
METHOXYCHLOR	--		--		--		--		--		--		--		--		--	
TOXAPHENE	--		--		--		--		--		--		--		--		--	
CLP Volatile Organic Compounds (ug/L)																		
1,1,1-TRICHLOROETHANE	1	U	1.5	J	1	UJ	1	UJ	1800		230	J	61	J	1	UJ	1	UJ
1,1,2,2-TETRACHLOROETHANE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,1,2-TRICHLOROETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1-DICHLOROETHANE	56		43		18		1.1		110	U	17		10		1	U	1	U
1,1-DICHLOROETHENE	7.4		11		3		1	U	1300		240		54		1	U	1	U
1,2,3-TRICHLOROBENZENE	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ
1,2,4-TRICHLOROBENZENE	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ
1,2-DIBROMO-3-CHLOROPROPANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-DIBROMOETHANE	1	U	1	U	1	U	1	U	NA		NA		NA		1	U	1	U
1,2-DICHLOROBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U

Appendix B-2b
CTDEP 2009 Groundwater Sampling Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
1,2-DICHLOROETHANE	1	U	1	U	1	U	1	U	18		1	U	1	U	1	U	1	U
1,2-DICHLOROPROPANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3-DICHLOROBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-DICHLOROBENZENE	1.1		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-DIOXANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-BUTANONE	5	U	5	UJ	5	UJ	5	UJ	5	U	5	UJ	5	UJ	5	UJ	5	UJ
2-HEXANONE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-METHYL-2-PENTANONE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ACETONE	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U	25	U
BENZENE	10		19		1	U	1	U	1	U	4.7		1	U	1	U	1	U
BROMOCHLOROMETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
BROMODICHLOROMETHANE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
BROMOFORM	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ
BROMOMETHANE	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ
CARBON DISULFIDE	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
CARBON TETRACHLORIDE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROBENZENE	530		220		31		2.2		1	U	21		1.2		1	U	1	U
CHLOROETHANE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
CHLOROFORM	1	U	1	UJ	1	UJ	1	UJ	2.5		4.7	J	2.5	J	1	UJ	1	UJ
CHLOROMETHANE	1	U	1	UJ	1	UJ	1	UJ	1	U	1	UJ	1	UJ	1	UJ	1	UJ
CIS-1,2-DICHLOROETHENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
CIS-1,3-DICHLOROPROPENE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Cyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DIBROMOCHLOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
DICHLORODIFLUOROMETHANE	NA		NA		NA		NA		NA		NA		NA		NA		NA	
ETHYLBENZENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
ISOPROPYLBENZENE	1.2		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
m,p-Xylene	1	U	NA		NA		NA		1	U	1	U	1	U	1	U	1	U
Methyl acetate	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYL TERT-BUTYL ETHER	1	U	1	U	1	U	1	U	20		6.2		18		1	U	1	U
Methylcyclohexane	NA		NA		NA		NA		NA		NA		NA		NA		NA	
METHYLENE CHLORIDE	1	U	1	U	1	U	1	U	1	U	5	U	5	U	1	U	1	U
O-XYLENE	1		1	U	1	U	1	U	1	U	4.8		1	U	1	U	1	U
STYRENE	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TETRACHLOROETHENE	1	U	5.2		1	U	1	U	19		8.5		1.6		1	U	1	U

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
TOLUENE	1.6		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TRANS-1,2-DICHLOROETHENE	1.4		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
TRICHLOROETHENE	17		1400		2.9	U	5.1		160		330		25		1.6		1.6	
TRICHLOROFLUOROMETHANE	NA		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
VINYL CHLORIDE	320		8.7	J	1.6	J	1	UJ	1	U	9.2	J	1	UJ	1	U	1	UJ
CLP Trace VOCs (ug/L)																		
1,1,1-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2,2-TETRACHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1,2-Trichloro-1,2,2-trifluoroethane	--		--		--		--		--		--		--		--		--	
1,1,2-TRICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,1-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
1,2,3-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2,4-TRICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMO-3-CHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,2-DIBROMOETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROETHANE	--		--		--		--		--		--		--		--		--	
1,2-DICHLOROPROPANE	--		--		--		--		--		--		--		--		--	
1,3-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
1,4-DICHLOROBENZENE	--		--		--		--		--		--		--		--		--	
2-BUTANONE	--		--		--		--		--		--		--		--		--	
2-HEXANONE	--		--		--		--		--		--		--		--		--	
4-METHYL-2-PENTANONE	--		--		--		--		--		--		--		--		--	
ACETONE	--		--		--		--		--		--		--		--		--	
BENZENE	--		--		--		--		--		--		--		--		--	
BROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMODICHLOROMETHANE	--		--		--		--		--		--		--		--		--	
BROMOFORM	--		--		--		--		--		--		--		--		--	
BROMOMETHANE	--		--		--		--		--		--		--		--		--	
CARBON DISULFIDE	--		--		--		--		--		--		--		--		--	
CARBON TETRACHLORIDE	--		--		--		--		--		--		--		--		--	
CHLOROBENZENE	--		--		--		--		--		--		--		--		--	
CHLOROETHANE	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
CHLOROFORM	--		--		--		--		--		--		--		--		--	
CHLOROMETHANE	--		--		--		--		--		--		--		--		--	
CIS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
CIS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
Cyclohexane	--		--		--		--		--		--		--		--		--	
DIBROMOCHLOROMETHANE	--		--		--		--		--		--		--		--		--	
DICHLORODIFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
ETHYLBENZENE	--		--		--		--		--		--		--		--		--	
ISOPROPYLBENZENE	--		--		--		--		--		--		--		--		--	
m,p-Xylene	--		--		--		--		--		--		--		--		--	
Methyl acetate	--		--		--		--		--		--		--		--		--	
METHYL TERT-BUTYL ETHER	--		--		--		--		--		--		--		--		--	
Methylcyclohexane	--		--		--		--		--		--		--		--		--	
METHYLENE CHLORIDE	--		--		--		--		--		--		--		--		--	
O-XYLENE	--		--		--		--		--		--		--		--		--	
STYRENE	--		--		--		--		--		--		--		--		--	
TETRACHLOROETHENE	--		--		--		--		--		--		--		--		--	
TOLUENE	--		--		--		--		--		--		--		--		--	
TRANS-1,2-DICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRANS-1,3-DICHLOROPROPENE	--		--		--		--		--		--		--		--		--	
TRICHLOROETHENE	--		--		--		--		--		--		--		--		--	
TRICHLOROFLUOROMETHANE	--		--		--		--		--		--		--		--		--	
VINYL CHLORIDE	--		--		--		--		--		--		--		--		--	
Dioxins and Furans (pg/L)																		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	

Well ID	**MW-PC14S**		**MW-PC15B**		**MW-PC15D**		**MW-PC15S**		**MW-PC16B**		**MW-PC16D**		**MW-PC16M**		**MW-PC16S**		**MW-PC16S (Dup)**	
Station ID	RM-MW-14S-CTDEP-09		RM-MW-15B-CTDEP-09		RM-MW-15D-CTDEP-09		RM-MW-15S-CTDEP-09		RM-MW-16B-CTDEP-09		RM-MW-16D-CTDEP-09		RM-MW-16M-CTDEP-09		RM-MW-16S-CTDEP-09		RM-MW-16S-CTDEP-09	
Date Sampled	11/5/09		11/4/09		11/3/09		11/4/09		11/5/09		11/3/09		11/3/09		11/2/09		11/2/09	
Sample Type	None		None		None		None		None		None		None		None		None	
AQUIFER/Parent Sample	Overburden		Bedrock		Overburden		Overburden		Bedrock		Overburden		Overburden		Overburden		Overburden	
Chemical																		
1,2,3,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,4,7,8-PENTACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZOFURAN	--		--		--		--		--		--		--		--		--	
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	--		--		--		--		--		--		--		--		--	
Dioxin/Furan - Toxic Equivalent	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Heptachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Hexachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	
Pentachlorodibenzo-p-dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzo(p)dioxin (total)	--		--		--		--		--		--		--		--		--	
Tetrachlorodibenzofuran (total)	--		--		--		--		--		--		--		--		--	

Notes:
1. U = Not Detected
2. UJ = Detection Limit Approximate
3. J = Quantitation Approximate
4. * = Concentration obtained from dilution analysis
5. R = Rejected
6. NA = Not Analyzed
7. EMPC = Estimated Maximum Potential Concentrat

APPENDIX B - 3
2003 and 2010 Recovery Well 3 Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

				Sample Number	RW3		RW-3		Trip Blank	
				Sample Location	OU1-MW-RW3-07		RW-3		RW-3	
				Date Sampled	1/16/2003		9/9/2010		9/9/2010	
				Interval			--		--	
				QC Identifier	None		None		None	
				Zone						
Chemical	**2012 Adjusted Vapor Intrusion Comparison Levels[1]**		**Connecticut Surface Water Protection Criteria SWPC**							
Volatile Organic Analysis (µg/L)										
1,1,1,2-Tetrachloroethane					NA		NA		NA	
1,1,1-Trichloroethane	7.4E+02	NC	62000	µg/L	24000	*	130000		<1.0	U
1,1,2,2-Tetrachloroethane	2.8E+00	C	110	µg/L	10	U	2000	U	<0.5	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.5E+02	NC			10	U	NA		NA	
1,1,2-Trichloroethane	6.2E-01	NC	1260	µg/L	23		2000	U	<1.0	U
1,1-Dichloroethane	6.6E+00	C	NA		1700	*	2600		<1.0	U
1,1-Dichloroethene	2.0E+01	NC	96	µg/L	5000	*	2000	U	<1.0	U
1,1-Dichloropropene					NA		NA		NA	
1,2,3-Trichlorobenzene					NA		NA		NA	
1,2,3-Trichloropropane					NA		NA		NA	
1,2,4-Trichlorobenzene	3.6E+00	NC			10	U	NA		NA	
1,2,4-Trimethylbenzene					NA		NA		NA	
1,2-Dibromo-3-Chloropropane	2.7E-02	C			10	U	NA		NA	
1,2-Dibromoethane	1.5E-01	C			10	U	NA		NA	
1,2-Dichlorobenzene	NA		170000	µg/L	10	U	2000	U	<1.0	U
1,2-Dichloroethane	1.9E+00	C	2970	µg/L	7	J	2000	U	<1.0	U
1,2-Dichloroethene (Total)					NA		NA		NA	
1,2-Dichloropropane	2.1E+00	C	NA		10	U	2000	U	<1.0	U
1,3,5-Trimethylbenzene					NA		NA		NA	
1,3-Dichlorobenzene	NA		26000	µg/L	10	U	2000	U	<1.0	U
1,3-Dichloropropane	4.2E+00	C			NA		NA		NA	
1,4-Dichlorobenzene	2.2E+00	C	26000	µg/L	10	U	2000	U	<1.0	U
1,4-Dioxane	NA				1000	J	NA		NA	
1-Chlorohexane					NA		NA		NA	
2,2-Dichloropropane					NA		NA		NA	
2-Butanone	NA				10	UJ	NA		NA	
2-Chloroethyl Vinyl Ether					NA		NA		NA	
2-Chlorotoluene					NA		NA		NA	
2-Hexanone	8.2E+02	NC			12	J	NA		NA	
2-Methyl-2-Phenylpropane	NA				NA		NA		NA	
2-Phenylbutane					NA		NA		NA	
4-Chlorotoluene					NA		NA		NA	
4-Methyl-2-Pentanone	NA				89		NA		NA	
Acetone	NA				10	UJ	NA		NA	
Acrolein					NA		NA		NA	
Acrylamide					NA		NA		NA	
Acrylonitrile					NA		NA		NA	
Benzene	1.4E+00	C	710	µg/L	9	J	2000	U	<1.0	U
Benzyl Chloride					NA		NA		NA	
Bis(2-Chloroethoxy)Methane					10	U	NA		NA	
Bis-(2-Chloroisopropyl)Ether					NA		NA		NA	
Bromobenzene					NA		NA		NA	
Bromochloromethane	7.0E+01	NC			NA		NA		NA	
Bromodichloromethane	7.6E-01	C	NA		10	U	2000	U	<0.5	U
Bromoform	NA		10800	µg/L	10	U	2000	U	<1.0	U
Bromomethane	1.7E+00	NC	NA		10	U	2000	U	<1.0	U
Carbon Disulfide	1.2E+02	NC			10	U	NA		NA	
Carbon Tetrachloride	3.6E-01	C	132	µg/L	10	U	2000	U	<1.0	U
Chlorobenzene	4.1E+01	NC	420000	µg/L	67		2000	U	<1.0	U
Chloroethane			NA		160		2000	U	<1.0	U
Chloroform	7.1E-01	C	14100	µg/L	4	J	2000	U	<1.0	U
Chloromethane	2.6E+01	NC	NA		10	U	2000	U	<1.0	U

APPENDIX B - 3
2003 and 2010 Recovery Well 3 Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

				Sample Number	RW3		RW-3		Trip Blank			
				Sample Location	OU1-MW-RW3-07		RW-3		RW-3			
				Date Sampled	1/16/2003		9/9/2010		9/9/2010			
				Interval			--		--			
				QC Identifier	None		None		None			
				Zone								
Chemical	**2012 Adjusted Vapor Intrusion Comparison Levels[1]**		**Connecticut Surface Water Protection Criteria SWPC**									
Chlorotoluene					NA		NA		NA			
Cis-1,2-Dichloroethene	NA		NA		12000	*	9400		<1.0		U	
Cis-1,3-Dichloropropene	4.20E+00	C	NA		10	U	2000	U	<1.0		U	
Cyclohexane	NA				10	U	NA		NA			
Cyclohexanone					NA		NA		NA			
Cymene					NA		NA		NA			
Dibromochloromethane	2.8E+00	C	1020	µg/L	10	U	2000	U	<0.5		U	
Dibromomethane					NA		NA		NA			
Dichlorobenzene (Isomers)					NA		NA		NA			
Dichlorodifluoromethane	7.4E-01	NC	NA		10	UJ	2000	U	<1.0		U	
Dichloropropene, 1,3-	4.2E+00	C			NA		NA		NA			
Diethyl Ether					NA		NA		NA			
Ethylbenzene	3.0E+00	C	580000	µg/L	28		2000	U	<1.0		U	
Hexachlorobutadiene					10	U	NA		NA			
Isopropylbenzene	NA				10	U	NA		NA			
M,P-Xylene	3.6E+01	NC			NA		NA		NA			
Methyl Acetate	NA				10	U	NA		NA			
Methyl Tert-Butyl Ether	3.9E+02	C	NA		10	U	2000	U	<2.0		U	
Methylcyclohexane	NA				10	U	NA		NA			
Methylene Chloride	3.9E+01	C	48000	µg/L	39	J	2000	U	<1.0		U	
M-Xylene	3.6E+01	NC	NA		NA		2000	U	<1.0		U	
Naphthalene					2	J	NA		NA			
N-Butylbenzene					NA		NA		NA			
N-Propylbenzene					NA		NA		NA			
O-Xylene	4.9E+01	NC	NA		NA		2000	U	<1.0		U	
Styrene	NA		NA		10	U	5000		NA			
Tetrachloroethene	5.8E+00	NC	88	µg/L	200		2400		<1.0		U	
Tetrahydrofuran					NA		NA		NA			
Toluene	NA		4000000	µg/L	880	*	14000		<1.0		U	
Trans-1,2-Dichloroethene	3.8E+01	NC	NA		160		2000	U	<1.0		U	
Trans-1,3-Dichloropropene	4.2E+00	C	NA		10	U	2000	U	<1.0		U	
Trichloroethene	5.2E-01	NC	2340	µg/L	89000	*	500000		<1.0		U	
Trichlorofluoromethane	1.8E+01	NC	NA		10	U	2000	U	<1.0		U	
Vinyl Acetate					NA		NA		NA			
Vinyl Chloride	1.4E-01	C			180		NA		NA			
Xylene (Total)					95		NA		NA			

Notes:

1. All results in µg/L.
2. NA = Not Analyzed.
3. Qualifier "C" for 2012 Adjusted Vapor Intrusion Comparison Levels = Carcinogenic. Qualifer "NC" = Non-carcinogenic.
4. 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) calculator, Version 1.0, November 2011 RSLs, adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$. Reference Concentrations (RfCs), Unit Risk Factors (URFs), and Henry's Law constants were obtained from the November 2011 Regional Screening Level (RSL) table. Exceptions: The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated February 2012.
5. * = From dilution analysis or Estimated Maximum Possible Concentration

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG01-0008	SG02-0003	SG02-0008	SG02-0013	SG02-0018	SG03-0003	SG03-0008	SG03-0013	SG03-0018	SG04-0008	SG04-0013
Sample Location	1	2	2	2	2	3	3	3	3	4	4
Date Sampled	2/19/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/19/2002	2/19/2002
Interval	0.0-8.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-18.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-18.0	0.0-8.0	0.0-13.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas
Matrix	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag	Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	27.8	141.9	29.5	245.5	1631.4	174.6	436.5	32.7 U	3819.2	32.7 U	81.8
1,1-Dichloroethene	39.7 U	30.2 U	27.8 U	55.5	547.5	25.0	47.6	27.8 U	1337.0	39.7 U	39.7 U
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	170.5	39.7 U	23.4	39.7 U	939.8	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	42.1	25.1	35.9	44.8
Toluene	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U
Trichloroethene	43.0 U	80.6 U	37.6 U	112.9	655.7	42.5	177.3	37.6 U	2972.0	43.0 U	33.3

Notes:
1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG05-0008	SG05-0013	SG05-0018	SG06-0008	SG-DP02	SG06-0003	SG06-0003CT	SG07-0008	SG-DP01	SG07-0013	SG08-0008
Sample Location	5	5	5	6	6	6	6	7	7	7	8
Date Sampled	2/20/2002	2/20/2002	2/20/2002	2/21/2002	2/21/2002	2/21/2002	2/21/2002	2/19/2002	2/19/2002	2/20/2002	2/20/2002
Interval	0.0-8.0	0.0-13.0	0.0-18.0	0.0-8.0	0.0-8.0	0.0-3.0	0.0-3.0	0.0-8.0	0.0-8.0	0.0-13.0	0.0-8.0
QC Identifier	None	None	None	Field Dup. SG06-0008	Field Dup. SG06-0008	None	None	Field Dup. SG07-0008	Field Dup. SG07-0008	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	32.7 U	70.9	2929.9	60.0	60.0	13.1	13.1	26.7	26.7	180.0	23.5
1,1-Dichloroethene	27.8 U	27.8 U	1098.9	31.7 U	31.7 U	31.7 U	31.7 U	39.7 U	39.7 U	27.8 U	36.5
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	341.0	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	37.3	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U
Trichloroethene	37.6 U	33.3	1042.6	37.6 U	37.6 U	37.6 U	37.6 U	43.0 U	43.0 U	37.1	23.1

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG08-0015	SG09-0003	SG09-0008	SG09-0013	SG10-0003	SG10-0008	SG10-0013	SG12-0008	SG12-0013	SG12-0018
Sample Location	8	9	9	9	10	10	10	12	12	12
Date Sampled	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/20/2002	2/21/2002	2/21/2002	2/21/2002
Interval	0.0-15.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-8.0	0.0-13.0	0.0-18.0
QC Identifier	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)										
1,1,1-Trichloroethane	632.9	240.1	1069.4	1800.5	114.6	993.0	1555.0	13.1	152.8	703.8
1,1-Dichloroethene	59.5	43.6	345.2	658.6	27.8 U	388.8	650.6	31.7 U	55.5	246.0
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U	83.8 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	63.4	170.5	39.7 U	107.1	241.9	39.7 U	20.2	91.2
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	23.1
Toluene	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U	56.4 U
Trichloroethene	86.0	16.1	225.7	462.2	32.2 U	268.7	429.9	37.6 U	48.4	225.7

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG13-0003	SG13-0008	SG13-0014	SG15-0014	SG-DP03	SG15-0003	SG15-0008	SG16-0003	SG16-0008	SG16-0014
Sample Location	13	13	13	15	15	15	15	16	16	16
Date Sampled	2/21/2002	2/21/2002	2/22/2002	2/22/2002	2/22/2002	2/22/2002	2/22/2002	2/22/2002	2/22/2002	2/22/2002
Interval	0.0-3.0	0.0-8.0	0.0-14.0	0.0-14.0	0.0-14.0	0.0-3.0	0.0-8.0	0.0-3.0	0.0-8.0	0.0-14.0
QC Identifier	None	None	None	Field Dup. SG15-0014	Field Dup. SG15-0014	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)										
1,1,1-Trichloroethane	3764.7	2406.1	234.6	1631.4	1615.0	365.6	900.2	971.2	3011.7	10857.5
1,1-Dichloroethene	599.1	317.4	31.7 U	472.1	420.5	31.7	198.4	440.4	1249.7	3895.9
Benzene	19.1 U	95.7 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	83.8 U	83.8 U	83.8 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	119.0	99.1	39.7 U	43.6	39.7	39.7 U	39.7 U	25.8	218.1	1046.8
Tetrachloroethene	29.8	135.6 U	27.1 U	27.1 U	32.6	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	56.4 U	56.4 U	56.4 U	67.7 U	165.6	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	2848.3	2257.2	75.2	478.3	446.1	32.8	204.2	123.6	736.3	3697.5

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG17-0003	SG17-0008	SG17-0014	SG18-0003	SG18-0008	SG18-0014	SG19-0013	SG-DP04	SG19-0003	SG19-0003CT
Sample Location	17	17	17	18	18	18	19	19	19	19
Date Sampled	2/22/2002	2/22/2002	2/25/2002	2/25/2002	2/25/2002	2/25/2002	2/26/2002	2/26/2002	2/26/2002	2/26/2002
Interval	0.0-3.0	0.0-8.0	0.0-14.0	0.0-3.0	0.0-8.0	0.0-14.0	0.0-13.0	0.0-13.0	0.0-3.0	0.0-3.0
QC Identifier	None	None	None	None	None	None	Field Dup. SG19-0013	Field Dup. SG19-0013	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)										
1,1,1-Trichloroethane	22.9	169.1	2700.7	19.1	28.9	207.3	834.8	878.4	46.4	30.0
1,1-Dichloroethene	31.7 U	103.1	1388.5	31.7 U	31.7 U	23.8	238.0	214.2	27.8 U	27.8 U
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	329.1	39.7 U	39.7 U	39.7 U	63.4	59.5	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	33.9 U	33.9 U	33.9 U	50.9	27.1 U	27.1 U	27.1 U	33.9 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	112.9	165.6	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	37.6 U	59.1	1295.2	37.6 U	43.0	80.6	360.1	333.2	32.2 U	32.2 U

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG19-0008	SG19-0008CT	SG19-0013CT	SG19-0019	SG19-0019CT	SG20-0003	SG20-0008	SG20-0014	SG20-0019	SG21-0003	SG21-0008
Sample Location	19	19	19	19	19	20	20	20	20	21	21
Date Sampled	2/26/2002	2/26/2002	2/26/2002	2/26/2002	2/26/2002	2/25/2002	2/25/2002	2/25/2002	2/25/2002	2/25/2002	2/25/2002
Interval	0.0-8.0	0.0-8.0	0.0-13.0	0.0-19.0	0.0-19.0	0.0-3.0	0.0-8.0	0.0-14.0	0.0-19.0	0.0-3.0	0.0-8.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	752.9	736.6	834.8	1260.3	1276.7	46.9	30.6	169.1	360.1	27.3 U	272.8
1,1-Dichloroethene	214.2	190.4	206.3	313.4	317.4	31.7 U	31.7 U	27.8	55.5	31.7 U	59.5
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	22.3 U	22.3 U	22.3 U	22.3 U	22.3 U	22.3 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	107.1	138.8	103.1	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	33.9 U	33.9 U	33.9 U	33.9 U	33.9 U	33.9 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	75.3 U	75.3 U	75.3 U	67.7 U	101.6	75.3 U
Trichloroethene	279.5	252.6	333.2	558.9	612.7	37.6 U	37.6 U	37.6	107.5	37.6 U	91.4

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG21-0014	SG22-0008	SG23-0003	SG23-0008	SG39-0003	SG39-0008	SG39-0015	SG40-0003	SG41-0003	SG41-0006	SG41-0008
Sample Location	21	22	23	23	39	39	39	40	41	41	41
Date Sampled	2/25/2002	2/25/2002	2/25/2002	2/26/2002	2/27/2002	2/27/2002	2/27/2002	2/27/2002	2/26/2002	2/26/2002	2/26/2002
Interval	0.0-14.0	0.0-8.0	0.0-3.0	0.0-8.0	0.0-3.0	0.0-8.0	0.0-15.0	0.0-3.0	0.0-3.0	0.0-6.0	0.0-8.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	774.8	54.6	27.3 U	65.5	311.0	796.6	32.7	32.7 U	905.7	1162.1	1565.9
1,1-Dichloroethene	174.6	31.7 U	31.7 U	26.2	15.9 U	67.4	15.9 U	15.9 U	226.1	325.3	452.3
Benzene	22.3 U	22.3 U	22.3 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	83.3	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	138.8	190.3	277.6
Tetrachloroethene	33.9 U	33.9 U	28.5	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	75.3 U	67.7 U	188.1	67.7 U	67.7 U	67.7 U	67.7 U	94.1	67.7 U	67.7 U	67.7 U
Trichloroethene	381.6	37.6 U	37.6 U	32.2 U	32.2 U	32.2 U	32.2 U	32.2 U	247.2	338.6	403.1

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG42-0003	SG42-0008	SG42-0013	SG43-0003	SG43-0008	SG43-0011	SG66-0008	SG66-0008CT	SG66-0015	SG66-0015CT
Sample Location	42	42	42	43	43	43	66	66	66	66
Date Sampled	2/26/2002	2/26/2002	2/26/2002	2/26/2002	2/26/2002	2/27/2002	2/28/2002	2/28/2002	2/28/2002	2/28/2002
Interval	0.0-3.0	0.0-8.0	0.0-13.0	0.0-3.0	0.0-8.0	0.0-11.0	0.0-8.0	0.0-8.0	0.0-15.0	0.0-15.0
QC Identifier	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)										
1,1,1-Trichloroethane	463.8	4588.5	9875.4	840.2	1047.6	2024.2	39.3	39.3	130.9	141.9
1,1-Dichloroethene	226.1	1904.3	4126.0	138.9	297.5	714.1	11.9 U	11.9 U	33.7	33.7
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	249.8	737.5	71.4	99.1	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	75.2	1144.7	2886.0	693.3	677.2	569.7	26.9 U	26.9 U	28.5	28.5

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG82-0008	SG82-0013	SG85-0008	SG85-0013	SG86-0004	SG86-0008	SG86-0013	SG87-0008	SG87-0013	SG88-0004	SG88-0008
Sample Location	82	82	85	85	86	86	86	87	87	88	88
Date Sampled	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	2/28/2002	2/28/2002
Interval	0.0-8.0	0.0-13.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	20.7	36.6	272.8	551.1	52.9	212.8	845.7	9.8	60.0	5172.3	5510.6
1,1-Dichloroethene	7.9 U	8.3	43.6	154.7	7.9 U	67.4	349.1	7.9 U	7.9 U	2348.6	2471.6
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	95.2	39.7 U	39.7 U	444.1	555.1
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	32.2 U	32.2 U	46.2	161.2	26.9 U	46.8	182.7	26.9 U	26.9 U	1348.9	1633.8

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG88-0012		SG88-0018		SG89-0004		SG89-0008	
Sample Location	88		88		89		89	
Date Sampled	2/28/2002		2/28/2002		2/28/2002		2/28/2002	
Interval	0.0-12.0		0.0-18.0		0.0-4.0		0.0-8.0	
QC Identifier	None		None		None		None	
	Soil Gas		Soil Gas		Soil Gas		Soil Gas	
Matrix	Tedlar Bag		Tedlar Bag		Tedlar Bag		Tedlar Bag	
Volatile Organic Screening Analysis (ug/m^3)								
1,1,1-Trichloroethane	6056.2		6165.3		52.4		51.3	
1,1-Dichloroethene	3316.6		3804.6		15.1		20.2	
Benzene	19.1	U	19.1	U	19.1	U	19.1	U
Chlorobenzene	93.1	U	93.1	U	93.1	U	93.1	U
cis-1,2-Dichloroethene	539.3		471.9		39.7	U	39.7	U
Tetrachloroethene	27.1	U	27.1	U	27.1	U	27.1	
Toluene	67.7	U	67.7	U	67.7	U	210.7	
Trichloroethene	1633.8		3536.2		14.5		29.0	

Notes:
1. All volatile organic screening sampled obtain
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG89-0010	SG90-0003	SG-DP05	SG90-0008	SG90-0011	SG91-0003	SG91-0008	SG91-0011	SG93-0003	SG93-0008	SG93-0011
Sample Location	89	90	90	90	90	91	91	91	93	93	93
Date Sampled	2/28/2002	3/1/2002	3/1/2002	3/1/2002	3/1/2002	3/1/2002	3/1/2002	3/1/2002	3/4/2002	3/4/2002	3/4/2002
Interval	0.0-10.0	0.0-3.0	0.0-3.0	0.0-8.0	0.0-11.0	0.0-3.0	0.0-8.0	0.0-11.0	0.0-3.0	0.0-8.0	0.0-11.0
QC Identifier	None	Field Dup. SG90-0003	Field Dup. SG90-0003	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	60.0	76.4	65.5	229.2	425.6	14.2	30.0	60.0	60.0	261.9	354.6
1,1-Dichloroethene	35.7	495.9	543.5	1860.7	3415.8	39.7	71.4	222.2	21.8	222.2	313.4
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	5392.7 J	5313.4 J	29739.3 J	31484.0 J	650.3 J	892.2 J	1677.3 J	39.7 U	99.1	154.6
Tetrachloroethene	25.8	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	176.9	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	17.7	14.5	7.5	45.1	80.6	10.7 U	10.7 U	10.7 U	69.9	129.0	215.0

Notes:
1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG94-0003	SG94-0008	SG94-0011	SG95-0008	SG95-0012	SG96-0003	SG96-0008	SG96-0013	SG97-0008	SG-DP06	SG97-0003
Sample Location	94	94	94	95	95	96	96	96	97	97	97
Date Sampled	3/4/2002	3/4/2002	3/4/2002	3/4/2002	3/4/2002	3/4/2002	3/4/2002	3/4/2002	3/5/2002	3/5/2002	3/5/2002
Interval	0.0-3.0	0.0-8.0	0.0-11.0	0.0-8.0	0.0-12.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-8.0	0.0-8.0	0.0-3.0
QC Identifier	None	None	None	None	None	None	None	None	Field Dup. SG97-0008	Field Dup. SG97-0008	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	22.4	39.3	49.1	70.9	185.5	191.0	420.1	1107.6	469.2	480.1	76.4
1,1-Dichloroethene	11.9 U	11.9 U	11.5	35.7 U	21.8	13.1	214.2	626.8	138.9	134.9	11.5
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	51.5	448.1	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	29.2	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	143.0	75.3	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	26.9 U	26.9 U	21.5	48.4	177.3	26.9 U	19.9	118.2	75.2	80.6	26.9 U

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG97-0013	SG98-0008	SG98-0015	SG99-0003	SG99-0008	SG99-0013	SG101-0004	SG101-0008	SG101-0013	SG102-0004	SG102-0008
Sample Location	97	98	98	99	99	99	101	101	101	102	102
Date Sampled	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002	3/5/2002
Interval	0.0-13.0	0.0-8.0	0.0-15.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	660.2	76.4	818.4	9.8	16.9	37.1	234.6	4190.2	6143.5	196.4	441.9
1,1-Dichloroethene	218.2	21.4	265.8	11.9 U	11.9 U	11.9 U	63.5	2281.2	3566.6	22.6	99.2
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	51.5	39.7 U	59.5	39.7 U	39.7 U	39.7 U	39.7 U	158.6	257.7	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	129.0	26.9 U	166.6	26.9 U	26.9 U	34.4	22.0	730.9	1117.8	59.1	177.3

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG102-0013	SG103-0004	SG103-0008	SG103-0011	SG104-0008	SG-DP07	SG104-0004	SG104-0012	SG105-0008	SG105-0013	SG106-0004
Sample Location	102	103	103	103	104	104	104	104	105	105	106
Date Sampled	3/5/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002	3/6/2002
Interval	0.0-13.0	0.0-4.0	0.0-8.0	0.0-11.0	0.0-8.0	0.0-8.0	0.0-4.0	0.0-12.0	0.0-8.0	0.0-13.0	0.0-4.0
QC Identifier	None	None	None	None	Field Dup. SG104-0008	Field Dup. SG104-0008	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	731.1	7.6	18.0	30.6	27.8	33.3	16.4	48.6	45.8	174.6	152.8
1,1-Dichloroethene	246.0	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	8.7	55.5	63.5
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7
Trichloroethene	301.0	26.9 U	26.9 U	26.9 U	26.9 U	26.9 U	26.9 U	26.9 U	26.9 U	27.9	26.9 U

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG106-0008	SG106-0013	SG107-0004	SG107-0008	SG107-0012	SG108-0004	SG108-0004CT	SG108-0008	SG108-0008CT	SG108-0013	SG108-0013CT
Sample Location	106	106	107	107	107	108	108	108	108	108	108
Date Sampled	3/6/2002	3/6/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002
Interval	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-12.0	0.0-4.0	0.0-4.0	0.0-8.0	0.0-8.0	0.0-13.0	0.0-13.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	616.5	1636.8	52.9	141.9	578.3	343.7	365.6	1140.3	1134.9	2220.6	2280.6
1,1-Dichloroethene	349.1	845.0	7.9 U	39.7	253.9	83.3	115.1	404.7	448.3	900.6	1027.5
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	107.1	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	91.2	111.0	273.6	281.5
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7	109.1	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	64.5	284.8	21.5 U	24.2	145.1	25.8	18.8	231.1	263.3	661.0	704.0

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG109-0008	SG-DP08	SG109-0004	SG109-0013	SG109-0016	SG110-0004	SG110-0008	SG110-0013	SG111-0004	SG111-0008	SG111-0013
Sample Location	109	109	109	109	109	110	110	110	111	111	111
Date Sampled	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002
Interval	0.0-8.0	0.0-8.0	0.0-4.0	0.0-13.0	0.0-16.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-13.0
QC Identifier	Field Dup. SG109-0008	Field Dup. SG109-0008	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	31.1	32.2	52.4	687.5	1167.6	39.8	158.2	1233.1	469.2	660.2	1380.4
1,1-Dichloroethene	15.1	19.0	7.9 U	317.4	571.3	23.0	71.4	468.1	79.3	170.6	396.7
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	55.5	75.3	39.7 U	39.7 U	134.8	39.7 U	39.7 U	59.5
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	21.5 U	21.5 U	21.5 U	172.0	360.1	10.7	53.7	451.4	24.2	64.5	225.7

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG112-0008	SG112-0013	SG113-0004	SG-DP09	SG113-0008	SG113-0013	SG114-0004	SG114-0008	SG114-0013	SG115-0008	SG115-0011
Sample Location	112	112	113	113	113	113	114	114	114	115	115
Date Sampled	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002
Interval	0.0-8.0	0.0-13.0	0.0-4.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-8.0	0.0-11.0
QC Identifier	None	None	Field Dup. SG113-0004	Field Dup. SG113-0004	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	98.2	267.3	354.6	360.1	589.3	1222.2	1500.4	2509.8	5810.7	36.0	360.1
1,1-Dichloroethene	17.5	91.2	71.4	79.3	222.2	539.6	690.3	1118.8	3396.0	11.9 U	158.7
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	138.8	39.7 U	47.6
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	10.2	59.1	21.5 U	21.5 U	23.1	96.7	118.2	220.3	806.1	21.5 U	75.2

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG116-0004	SG116-0008	SG116-0013	SG117-0004	SG117-0008	SG117-0013	SG117-0016	SG118-0004	SG118-0008	SG118-0013	SG119-0004
Sample Location	116	116	116	117	117	117	117	118	118	118	119
Date Sampled	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/7/2002	3/8/2002
Interval	0.0-4.0	0.0-8.0	0.0-13.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-16.0	0.0-4.0	0.0-8.0	0.0-13.0	0.0-4.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3											
1,1,1-Trichloroethane	38.7	196.4	551.1	15.3	109.1	682.0	873.0	136.4	169.1	13.1	60.0
1,1-Dichloroethene	79.3 U	83.3	222.2	11.9 U	63.5	321.3	499.9	55.5	87.3	9.5	7.9 U
Benzene	NA	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	1861.8 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	1387.8 U	39.7 U	63.4	39.7 U	39.7 U	87.2	122.9	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	8974.2	255.9	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	21.5 U	30.6	123.6	21.5 U	21.5	155.9	225.7	37.6	38.7	21.5 U	26.9 U

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG119-0004CT	SG119-0008	SG119-0008CT	SG119-0013	SG119-0013CT	SG120-0008	SG124-0008	SG-DP11	SG124-0004	SG124-0011
Sample Location	119	119	119	119	119	120	124	124	124	124
Date Sampled	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002	3/8/2002
Interval	0.0-4.0	0.0-8.0	0.0-8.0	0.0-13.0	0.0-13.0	0.0-8.0	0.0-8.0	0.0-8.0	0.0-4.0	0.0-11.0
QC Identifier	None	None	None	None	None	None	Field Dup. SG124-0008	Field Dup. SG124-0008	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3										
1,1,1-Trichloroethane	54.6	92.8	92.8	196.4	196.4	10.9 U	316.4	316.4	10.9	452.9
1,1-Dichloroethene	7.9 U	15.9	13.9	21.0	28.2	13.9	71.4	71.4	7.9 U	142.8
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U	93.1 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U
Toluene	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U	67.7 U
Trichloroethene	26.9 U	26.9 U	26.9 U	38.2	38.2	26.9 U	27.4	27.4	21.5 U	36.5

Notes:
1. All volatile organic screening sampled obta
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Sample Number	SG125-0006		SG-203-0003	
Sample Location	125		203	
Date Sampled	3/8/2002		5/30/2002	
Interval	0.0-6.0		0.0-3.0	
QC Identifier	None		None	
Matrix	Soil Gas Tedlar Bag		Soil Gas Tedlar Bag	
Volatile Organic Screening Analysis (ug/m				
1,1,1-Trichloroethane	81.8		27.3	U
1,1-Dichloroethene	13.9		39.7	U
Benzene	19.1	U	19.1	U
Chlorobenzene	93.1	U	139.6	U
cis-1,2-Dichloroethene	39.7	U	39.7	U
Tetrachloroethene	27.1	U	27.1	U
Toluene	86.5		75.3	U
Trichloroethene	21.5	U	26.9	U

Notes:
1. All volatile organic screening sampled obta`
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG-203-0008	SG-203-0013	SG-203-0016	SG-204-0003	SG-204-0008	SG-204-0013	SG-204-0016	SG-209-0003	SG-209-0008	SG-209-0013	SG-209-0018
Sample Location	203	203	203	204	204	204	204	209	209	209	209
Date Sampled	5/30/2002	5/30/2002	5/30/2002	5/29/2002	5/29/2002	5/29/2002	5/29/2002	5/30/2002	5/30/2002	5/30/2002	5/31/2002
Interval	0.0-8.0	0.0-13.0	0.0-16.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-16.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-18.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)											
1,1,1-Trichloroethane	27.3 U	28.4	27.3 U	27.3 U	27.3 U	27.3 U	27.3 U	180.0	381.9	425.6	496.5
1,1-Dichloroethene	39.7 U	39.7 U	39.7 U	31.7 U	31.7 U	31.7 U	31.7 U	39.7 U	47.6	83.3	127.0
Benzene	19.1 U	19.1 U	19.1 U	16.0 U	16.0 U	16.0 U	16.0 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	31.7 U	31.7 U	31.7 U	31.7 U	39.7 U	39.7 U	202.2	412.4
Tetrachloroethene	27.1 U	27.1 U	27.1 U	135.6	244.2	101.7	39.3	27.1 U	18.3	22.4	27.1 U
Toluene	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U
Trichloroethene	26.9 U	26.9 U	26.9 U	21.5 U	21.5 U	21.5 U	21.5 U	26.9 U	344.0	1096.3	1284.4

Notes:

1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG-DP02-053002	SG-210-0003	SG-210-0008	SG-210-0013	SG-210-0018	SG-212-0003	SG-212-0008	SG-212-0013	SG-214-0003	SG-214-0008
Sample Location	210	210	210	210	210	212	212	212	214	214
Date Sampled	5/30/2002	5/30/2002	5/30/2002	5/30/2002	5/31/2002	5/31/2002	5/31/2002	5/31/2002	5/31/2002	5/31/2002
Interval	0.0-8.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-18.0	0.0-3.0	0.0-8.0	0.0-13.0	0.0-3.0	0.0-8.0
QC Identifier	Field Dup. RM-SG-210-0008	None	None	None	None	None	None	None	None	None
Matrix	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag	Soil Gas Tedlar Bag
Volatile Organic Screening Analysis (ug/m^3)										
1,1,1-Trichloroethane	529.2	223.7	529.2	676.5	485.6	27.3 U	27.3 U	27.3 U	27.3 U	6001.6
1,1-Dichloroethene	63.5	39.7 U	63.5	115.1	95.2	39.7 U	39.7 U	39.7 U	39.7 U	119.0
Benzene	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U	19.1 U
Chlorobenzene	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U	139.6 U
cis-1,2-Dichloroethene	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	39.7 U	83.3	39.7 U	119.0
Tetrachloroethene	27.1 U	27.1 U	27.1 U	27.1 U	27.1 U	52.2	26.5	58.3	27.1 U	55.6
Toluene	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	75.3 U	316.1	75.3 U
Trichloroethene	38.2	26.9 U	33.9	75.2	91.4	741.6	553.5	1386.6	26.9 U	139.7

Notes:

1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Sample Number	SG-219-0003		SG-219-0008		SG-219-0010		SG-220-0003		SG-220-0008		SG-221-0003		SG-221-0008		SG-221-0010		SG-223-0003	
Sample Location	219		219		219		220		220		221		221		221		223	
Date Sampled	7/9/2002		7/9/2002		7/9/2002		7/9/2002		7/9/2002		7/10/2002		7/10/2002		7/10/2002		7/11/2002	
Interval	0.0-3.0		0.0-8.0		0.0-10.0		0.0-3.0		0.0-8.0		0.0-3.0		0.0-8.0		0.0-10.0		0.0-3.0	
QC Identifier	None		None		None		None		None		None		None		None		None	
Matrix	Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag	
Volatile Organic Screening Analysis (ug/m^3)																		
1,1,1-Trichloroethane	27.3		60.0		54.6		283.7		27.3	U	27.3	U	27.3	U	60.0		27.3	U
1,1-Dichloroethene	79.3		226.1		194.4		39.7	U	39.7	U	79.3	U	79.3	U	79.3	U	39.7	U
Benzene	25.5	U	25.5	U	25.5	U	25.5	U	25.5	U	31.9	U	51.0		31.9	U	25.5	U
Chlorobenzene	232.7	U	325.8	U	344.4		409.6		232.7	U	232.7	U	232.7	U	232.7	U	232.7	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U
Toluene	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	1324.5		289.7		112.9	U
Trichloroethene	37.6	U	59.1		53.7		37.6	U	37.6	U	37.6	U	37.6	U	37.6	U	37.6	U

Notes:

1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-4
Soil Gas Analytical Results
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	SG-223-0008		SG-223-0013		SG-223-0016		SG-224-0003		SG-224-0008		SG-224-0010		SG-225-0003		SG-227-0003		SG-227-0012	
Sample Location	223		223		223		224		224		224		225		227		227	
Date Sampled	7/11/2002		7/11/2002		7/11/2002		7/12/2002		7/12/2002		7/12/2002		7/12/2002		7/12/2002		7/12/2002	
Interval	0.0-8.0		0.0-13.0		0.0-16.0		0.0-3.0		0.0-8.0		0.0-10.0		0.0-3.0		0.0-3.0		0.0-12.0	
QC Identifier	None		None		None		None		None		None		None		None		None	
Matrix	Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag		Soil Gas Tedlar Bag	
Volatile Organic Screening Analysis (ug/m^3)																		
1,1,1-Trichloroethane	27.3	U	27.3	U	13.6		27.3	U	27.3	U	27.3	U	300.1		1140.3		2106.0	
1,1-Dichloroethene	39.7	U	39.7	U	39.7	U	103.1		618.9		39.7	U	39.7	U	127.0		329.3	
Benzene	25.5	U	25.5	U	25.5	U	25.5	U	44.7		25.5	U	25.5	U	25.5	U	25.5	U
Chlorobenzene	232.7	U	232.7	U	232.7	U	232.7	U	391.0		232.7	U	232.7	U	232.7	U	232.7	U
cis-1,2-Dichloroethene		NA		NA		NA		NA		NA		NA		NA		NA		NA
Tetrachloroethene	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	27.1	U	115.3		27.1	U	27.1	U
Toluene	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U	112.9	U
Trichloroethene	37.6	U	37.6	U	37.6	U	37.6	U	69.9		37.6	U	37.6	U	215.0		515.9	

Notes:

1. All volatile organic screening sampled obtained in tedlar bags and analyzed on-site by the EPA mobile field laboratory.
2. U = not detected
3. UJ = detection limit approximate
4. J = quantitation approximate
5. * = from dilution analysis
6. R = rejected
7. NA = Not analyzed

Appendix B-5
2003 and 2009 Soil Gas Sampling Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-111SG	1/8/2003	4.4		23.8	U	59.5	U	13.6	U	10.7	U
MW-111SG*	1/8/2003	2.7		0.9	U	0.9	U	1.5	U	1.2	U
MW-111SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-202SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-202SG*	1/8/2003	10.9	U	1.0	U	1.0	U	8.2	U	1.3	U
MW-202SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-203SG	1/7/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-203SG*	1/7/2003	1.8		1.0	U	1.0	U	1.1	L	1.3	U
MW-203SG	Not Sampled 2009	-		-		-		-		-	
MW-213SG	1/7/2003	283.7		75.4		59.5	U	13.6	U	96.7	
MW-213SG*	1/7/2003	187.9		70.3		10.2		1.2	L	106.2	
MW-213SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-214SG	1/7/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-214SG*	1/7/2003	1.0	U	0.8	U	0.8	U	1.3	U	1.0	U
MW-214SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-215SG	1/9/2003	34.9		22.2		79.3	U	13.6	U	12.4	
MW-215SG*	1/9/2003	40.5		15.9		4.2		1.4	U	21.0	
MW-215SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-217SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-217SG*	1/9/2003	8.8		0.8	U	0.8	U	1.1	L	3.3	
MW-217SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-302SG	1/9/2003	349.2		75.4		79.3	U	13.6	U	59.1	
MW-302SG*	1/9/2003	-		248.7		18.4		6.8	U	161.8	
MW-302SG	10/26/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-507SG	1/7/2003	76.4		23.8	U	59.5	U	13.6	U	10.7	U
MW-507SG*	1/7/2003	34.4		4.0		0.8	U	2.0		1.5	
MW-507SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-508SG	1/8/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-508SG*	1/8/2003	2.6		0.9	U	0.9	U	1.6	U	1.2	U
MW-508SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U

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2003 and 2009 Soil Gas Sampling Analytical Results
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Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-513SG	1/9/2003	4037		1075		91.2		40.7	U	725.5	
MW-513SG*	1/9/2003	3759		1154		97.5		88.2	U	811.5	
MW-513SG	10/28/2009	643.8		83.3		28.2		14.2		322.5	
MW-514SG	1/9/2003	3874		380.9		126.9		40.7	U	1010	
MW-514SG	1/9/2003 (dup)	3988		365.0		150.7		40.7	U	1161	
MW-514SG*	1/9/2003	3656		428.5		148.7		95.0	U	1301	
MW-514SG*	1/9/2003 (dup)	3388		408.6		142.0		101.7	U	1317	
MW-514SG	10/28/2009	4403		527.6		321.2		122.1		1800	
MW-515SG	1/7/2003	12.0		23.8	U	59.5	U	13.6	U	10.7	U
MW-515SG	1/7/2003 (dup)	11.5		23.8	U	59.5	U	13.6	U	10.7	U
MW-515SG*	1/7/2003	5.0		1.0	U	1.0	U	1.1	L	1.3	U
MW-515SG*	1/7/2003 (dup)	5.7		0.8	U	0.8	U	1.1	U	1.1	U
MW-515SG	10/28/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-517SG	1/9/2003	12931		4047		372.7		95.0		6234	
MW-517SG*	1/9/2003	14731		8649		1971		339.1	U	6772	
MW-517SG	Not Sampled 2009	-		-		-		-		-	
MW-518SG	1/9/2003	5123		2396		491.7		40.7	U	3311	
MW-518SG*	1/9/2003	4867		2995		582.9		64.4	U	3843	
MW-518SG	10/28/2009	2886		1976		2617		64.4		5229	
MW-519SG	1/9/2003	3066		1043		214.1		142.4		7094	
MW-519SG*	1/9/2003	2073		876.8		170.9		183.1	U	6234	
MW-519SG	10/28/2009	2357		678.4		218.1		359.5		8491	
MW-520SG	1/7/2003	19.6		23.8	U	59.5	U	13.6	U	10.7	U
MW-520SG*	1/7/2003	13.2		0.8	U	0.8	U	1.4	U	1.1	U
MW-520SG	10/28/2009	16.9		4.0	U	5.9	U	6.8	U	5.4	U
MW-523SGD	1/8/2003	19.6		23.8	U	79.3	U	13.6	U	30.1	
MW-523SGD*	1/8/2003	4.6	L	21.3		32.1		6.8	U	30.1	
(MW-523ASG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U

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2003 and 2009 Soil Gas Sampling Analytical Results
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Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-523SGM	1/8/2003	10.9		23.8	U	115.0		13.6	U	27.9	
MW-523SGM*	1/8/2003	6.8		35.5		29.6		6.8	U	33.1	
(MW-523MSG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-523SGS	1/8/2003	8.7	U	23.8	U	119.0	U	13.6	U	11.3	L
MW-523SGS*	1/8/2003	54.6	U	65.1		66.6		67.8	U	37.0	
(MW-523CSG)	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-525SG	1/8/2003	1462		626.8		59.5		13.6	U	354.7	
MW-525SG*	1/8/2003	1500		900.6		117.4		27.1	U	464.3	
MW-525SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-526SG	1/8/2003	158.2		51.6		79.3	U	13.6	U	64.5	
MW-526SGD	1/8/2003 (dup)	152.8		55.5		79.3	U	13.6	U	64.5	
MW-526SG*	1/8/2003	120.0		69.4		24.0		1.4	L	72.6	
MW-526SGD*	1/8/2003 (dup)	115.9		71.8		24.3		1.5		82.8	
(MW-526A SG)	10/27/2009	147.3		99.2		103.1		6.8	U	123.6	
(MW-526A[R]SG[4])	10/27/2009	141.9		99.2		87.2		6.8	U	134.4	
(MW-526A[R2]SG[4])	10/28/2009	158.2		99.2		99.1		6.8	U	129.0	
MW-526SGM	1/8/2003	114.6		23.8	U	79.3	U	13.6	U	31.2	
MW-526SGM*	1/8/2003	92.2		10.1		1.1		1.5		42.0	
(MW-526C SG)	10/27/2009	37.6		9.9		5.9	U	6.8	U	39.2	
MW-526SGS	1/8/2003	130.9		36.5		79.3	U	13.6	U	49.4	
(MW-526B SG)	10/27/2009	98.2		55.5		51.5		6.8	U	102.1	
MW-527SG	1/9/2003	441.9		702.2		420.3		8.8		193.5	
MW-527SG*	1/9/2003	331.7		912.5	E	551.2		13.6	U	194.5	
MW-527SG	10/28/2009	169.1		32.1		12.3		32.6		139.7	
MW-527SG	10/28/2009 (dup)	196.4		30.9		12.3		29.8		134.4	
MW-528SG	1/6/2003	7.6		23.8	U	59.5	U	13.6	U	10.7	U
MW-528SG*	1/6/2003	6.2		0.8	U	0.8	U	1.4	U	1.1	U
MW-528SG	Not Sampled 2009	-		-		-		-		-	

Appendix B-5
2003 and 2009 Soil Gas Sampling Analytical Results
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Soil Gas Sample Location (Sample ID)	Soil Gas Contaminant of Concern	1,1,1-Trichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
	Screening Criteria[1, 2] ($\mu g/m^3$)	5200		210		NA		42		2.1	
	Sample Date	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.	$\mu g/m^3$	Qual.
MW-529SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-529SG*	1/8/2003	1.1	U	0.8	U	0.8	U	1.4	U	1.1	U
MW-529SG	Not Sampled 2009	-		-		-		-		-	
MW-534SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-534SG*	1/9/2003	1.1	L	0.9	U	0.8	U	1.4	U	1.2	U
MW-534SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-535SG	1/9/2003	10.9	U	23.8	U	79.3	U	13.6	U	10.7	U
MW-535SG*	1/9/2003	2.5		0.9	U	0.8	U	1.9		1.6	
MW-535SG	10/27/2009	8.2	U	4.0	U	5.9	U	6.8	U	5.4	U
MW-536SG	1/8/2003	10.9	U	23.8	U	59.5	U	13.6	U	10.7	U
MW-536SG*	1/8/2003	1.3		0.8	U	0.8	U	1.3	U	1.1	U
MW-536SG	Not Sampled 2009	--		--		--		-		-	

Notes:

1. Screening criteria have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario.
2. Screening criteria for Tetrachloroethene have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = $1x10^{-6}$, residential scenario. Reference Concentrations (RfCs) and Unit Risk Factors (URFs) were obtained from EPA's IRIS database, updated Februray 2012.
3. * = Sample obtained by EPA utilizing deployed SUMMA canister with fixed laboratory analysis. All remaining samples collected in Tedlar bags and analyzed on-site by EPA mobile lab.
4. [R] & [R2] - Multiple samples were collected at MW-526D at the request of EPA to determine if inclement weather was affecting sample collection or analytical results.
5. Qualifier U = Concentration does not exceeded laboratory reporting limit.
6. Qualifier L = Estimated value is below the calibration range.
7. Shading indicates exceedence of applicable screening criteria.

Appendix B-6
Summary of Groundwater Monitoring Wells Utilized for RI Update Report Data Analysis and Assessment
Raymark - OU2 - Groundwater
Stratford, Connecticut

Shallow Screened Overburden Wells	Intermediate Screened Overburden Wells	Deep Screened Overburden Wells	Bedrock Screened Wells
CRA-2S	--	CRA-2D	--
CRA-4S	--	CRA-4D	--
CRA-5S	--	CRA-5D	--
CRA-6S	--	CRA-6D	--
MW-101S	MW-101M	MW-101D	--
MW-102S	--	--	--
MW-104S	--	MW-104D	MW-104B
MW-110S	MW-110M	MW-110D	--
--	MW-111M	MW-111D	--
--	MW-112M	--	--
--	--	MW-201D	MW-201B
MW-203S	--	MW-203D	--
--	--	MW-204D	--
MW-207SR	MW-207MR	--	--
MW-208S	--	--	--
MW-209S	--	--	--
MW-211S	MW-211M	MW-211D	MW-211B
MW-212S	MW-212M	MW-212D	--
MW-213S	--	--	MW-213B
MW-214S	MW-214M	MW-214D	--
MW-215S	--	--	MW-215B
MW-217S	--	MW-217D	--
MW-301S	--	MW-301D	MW-301B
MW-302S	--	MW-302D	MW-302B
MW-309S	--	--	--
MW-310S	--	MW-310D	MW-310B
MW-501S	--	MW-501D	MW-501B
MW-502S	--	--	--
MW-504S	--	MW-504D	
--	MW-505M	MW-505D	MW-505B
MW-506S	MW-506M	MW-506D	--
MW-507S	--	MW-507D	MW-507B
MW-508S	--	MW-508D	--
--	MW-509M	--	--
MW-513S	--	--	--
MW-514S	--	MW-514D	MW-514B
MW-515S	--	--	--
--	MW-516M	--	--
MW-517S	--	--	--
MW-519S	--	--	--
MW-520S	--	--	--
MW-522S	--	--	--
MW-523S	--	--	--
MW-525S	--	--	--
MW-526S	--	--	--
MW-527S	--	--	--
MW-529S	--	--	--
MW-534S	--	--	--
MW-535S	--	--	--
MW-PC01S	MW-PC01M	MW-PC01D	MW-PC01B
MW-PC02S	--	MW-PC02D	MW-PC02B

Appendix B-6
Summary of Groundwater Monitoring Wells Utilized for RI Update Report Data Analysis and Assessment
Raymark - OU2 - Groundwater
Stratford, Connecticut

Shallow Screened Overburden Wells	Intermediate Screened Overburden Wells	Deep Screened Overburden Wells	Bedrock Screened Wells
MW-PC03S	--	MW-PC03D	MW-PC03B
MW-PC04S	--	MW-PC04D	MW-PC04B
MW-PC05S	MW-PC05M	MW-PC05D	MW-PC05B
MW-PC06S	MW-PC06M	MW-PC06D	MW-PC06B
MW-PC07S	--	--	--
MW-PC08S	--	MW-PC08D	MW-PC08B
MW-PC09S	--	MW-PC09D	--
MW-PC10S	MW-PC10M	MW-PC10D	MW-PC10B
MW-PC11S	MW-PC11M	MW-PC11D	MW-PC11B
MW-PC12S	--	MW-PC12D	MW-PC12B
MW-PC13S	MW-PC13M	MW-PC13D	MW-PC13B
MW-PC14S	--	MW-PC14D	MW-PC14B
MW-PC15S	--	MW-PC15D	MW-PC15B
MW-PC16S	MW-PC16M	MW-PC16D	MW-PC16B
RW-3	RW-3	--	--

Notes:

1. Shallow overburden groundwater well concentrations were used to perform risk assessments associated with vapor intrusion, as well as the production of Figures 4-5, 4-6, 4-7, and 4-8.
2. Target contaminant concentrations from the wells listed for the four screen depth intervals were used to develop Figures 4-1, 4-2, and 4-3.
3. Recovery well RW-3 is listed under both shallow and intermediate screen depths because RW-3 well screen extends across both intervals.

APPENDIX C

APPENDIX C

NATURE AND EXTENT DISCUSSION: GROUNDWATER AND SOIL GAS

C.1 NATURE AND EXTENT DISCUSSION: GROUNDWATER

This section summarizes the analytical results collected during the 2009/10 investigations and updates the understanding of nature and extent of contamination in groundwater beneath and downgradient of the former Raymark facility.

The results of groundwater contamination investigations conducted in 2009/10 by both EPA and CTDEEP have been combined in this OU2 RI Update Report. Groundwater samples were collected from bedrock and overburden aquifers to evaluate the extent of groundwater contamination that may have resulted from the past practices of Raymark Industries, Inc. As stated in Section 2.1, Figure 2-1 depicts the 143 groundwater monitoring wells that were sampled in common for both 2002/3 and 2009/10 (91 study area groundwater monitoring wells and 52 post closure groundwater monitoring wells on the former Raymark facility; monitoring well MW-PC02M is shown on the figure, but was damaged and not sampled). In order to provide a consistent basis for comparison, only wells that were sampled both in 2002/3 and 2009/10 were used to evaluate changes in the nature and extent of groundwater contamination within the OU2 study area for this OU2 RI Update Report. This includes all the wells sampled in 2009/10, but only approximately 55 percent of the wells sampled in 2002/3. Please refer to the 2005 RI Report for more detailed information on the sample results from wells not included in the 2009/10 sampling event. For the 143 wells that are evaluated in this OU2 RI Update Report, comparisons are made between data from the 2002/3 and 2009/10 sampling events.

With some exceptions at individual wells, the 2009/10 groundwater sampling results indicate that the plume dimensions and concentrations have generally decreased between 2002/3 and 2009/10. The patterns of contamination identified in the 2009/10 source area sampling are generally consistent with the source information presented in the 2005 RI Report, Section 4.1.1. The groundwater elevation data collected during the 2009/10 sampling event is generally consistent with that collected in the 2002/3 event and, thus, the groundwater flow directions depicted on the 2005 RI Report, Figure 3-7 and Figure 3-8 are representative of the groundwater flow patterns observed during the 2009/10 sampling. This compatibility supports

the assertion that the images in this OU2 RI Update Report are consistent with the contaminant distribution shown in the 2005 RI Report. Section 5 presents further discussion of groundwater flow and a shallow groundwater contour figure.

The groundwater analytical results are summarized in this section according to class of chemical compounds detected (i.e. VOCs, SVOCs, pesticides, PCBs, metals, and dioxins and furans) and by aquifer (overburden, bedrock). This presentation is consistent with the presentation of nature and extent of groundwater contamination presented in the 2005 RI Report.

The groundwater analytical results were compared to: 1) maximum upgradient/cross-gradient concentrations from the 2002/3 sampling, as reported in the 2005 RI Report, Table 4-4; 2) vapor intrusion screening levels (groundwater concentration screening levels based on residential indoor air risks adjusted to correspond to a hazard quotient (HQ) of 0.1 and cancer risks of 1×10^{-6}) provided in Appendix D-1; and 3) to the State of Connecticut Remediation Standards Regulations (RSRs) Groundwater Surface Water Protection Criteria (SWPC) (CTDEP, 1996).

The 2005 RI Report used the March 2003 CTDEP "Proposed Revisions" to Connecticut's RSR Volatilization Criteria (CTDEP, 2003) for comparisons to groundwater data. However, the proposed revisions were never promulgated. Therefore, this OU2 RI Update Report compared the groundwater data to the 2012 adjusted vapor intrusion screening levels. These 2012 adjusted vapor intrusion screening levels were based on the EPA Vapor Intrusion Guidance (EPA, 2002) adjusted in two ways; first, to reflect current toxicity values using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs (EPA, 2012) and second, to correspond to HQ of 0.1 and cancer risks of $1x10^{-6}$, under a residential scenario. In this OU2 RI Update Report, the twice adjusted vapor intrusion screening levels were used to aid in the evaluation of the nature and extent of groundwater contamination. Supporting documentation for these 2012 adjusted vapor intrusion screening levels is provided in Appendix D-1.

The discussion of nature and extent of groundwater in Sections C.1.1 through C.1.5 utilized data from upgradient wells, the overburden aquifer, the bedrock aquifer, and the NAPL recovery well. These datasets are discussed briefly below.

Upgradient Wells

Four upgradient wells were sampled in the 2009/10 sampling. A comparison of the 2009/10 data from these wells to the 2002/3 data from the same wells indicates that upgradient conditions have not changed significantly since 2002/3 (Tables 4-1 and 4-2). Because a larger number of upgradient wells were sampled in 2002/3, the 2002/3 results from all the upgradient wells (reported in the 2005 RI Report, Table 4-4) are considered representative of current upgradient conditions and are used for comparison to the 2009/10 groundwater data.

Overburden Aquifer Data

In 2009, a total of 121 groundwater samples were collected from 114 monitoring wells screened in the overburden aquifer in the OU2 study area (three of the four upgradient locations are overburden wells and were not included in the well total). Of the OU2 study area samples, 121 were analyzed for VOCs (including 7 duplicate pairs); 81 were analyzed for SVOCs, Polycyclic Aromatic Hydrocarbons by Selective Ion Monitoring (PAHs), metals, and pesticides and PCBs; and 40 were analyzed for dioxins and furans. Samples from the three upgradient locations were analyzed for VOCs, SVOCs, PAHs, pesticides and PCBs, and metals. Samples from two of the upgradient overburden locations were analyzed for dioxins and furans. Table 4-3 presents summary statistics for the 2009/10 overburden groundwater data and the criteria used for comparison; the results are discussed in Sections C.1.1 through C.1.5.

Shallow overburden groundwater quality data were used to assess the potential for vapor intrusion into homes and buildings located within the OU2 study area.

Bedrock Aquifer Data

In 2009, a total of 25 groundwater samples were collected from the 25 monitoring wells screened in the bedrock aquifer in the OU2 study area. All 25 samples were analyzed for VOCs and 11 were analyzed for SVOCs, PAHs, pesticides and PCBs, and metals. None of the bedrock groundwater samples were analyzed for dioxins and furans. One of the four upgradient locations is a bedrock well and is not included in the well total. Samples from this location were analyzed for VOCs, SVOCs, PAHs, pesticides and

PCBs, and metals. Table 4-4 presents summary statistics for the 2009/10 bedrock groundwater data and the criteria used for comparison; the results are discussed in Sections C.1.1 through C.1.5.

NAPL Recovery Well Data

In 2010, CTDEEP collected a sample of the aqueous phase discharge from one NAPL recovery well (RW-3) and analyzed the sample for VOCs. RW-3 is screened within the overburden aquifer. This well had previously been sampled in 2003, with the results presented in the 2005 RI Report. Table 4-5 presents the analytical results for both the 2003 and 2010 sampling of this well. The results are discussed in Section C.1.1.

The discussion of nature and extent of groundwater in Sections C.1.1 through C.1.5 utilized plume maps and data summary tables to augment the discussion. These plume maps and data summary tables are discussed briefly below.

Plume Maps Creation

The spatial distribution of groundwater contamination was modeled and shown on accompanying Figure 4-1 to Figure 4-5. Contours were estimated using the natural neighbor interpolation method. No anisotropy was incorporated into the plan view figures. Natural neighbor with an anisotropy ratio of 25:1 (horizontal: vertical) was utilized for estimating contaminant concentration contours in the cross sections. Spatial coordinates and the chemical analytical data for each monitoring location were used to: 1) contour contaminant concentrations in a given layer; and 2) produce two-dimensional images of the distribution of contaminants throughout the OU2 study area. Plume maps were created for 1,1-DCE, 1,1-DCA, TCE, and vinyl chloride at each of four screen depth designations – shallow, medium, and deep overburden, and bedrock. The wells used in each of the depth intervals presented in the figures were selected based on the depth designation of each of the wells, as opposed to screen elevation. Appendix B-6 presents a list of the wells included for each depth interval. Every well location does not have a well at all four depth intervals; therefore, the nature of the inferred plume patterns is influenced by differing spatial coverage at each depth interval.

In order to provide a better comparison between the two sampling events (2002/3 and 2009/10), only the 143 wells that were sampled by EPA or CTDEEP during both sampling events have been included on the figures. Note that analytical results from RW-3 (sampled in 2010) have been included on these figures as they are representative of groundwater concentrations in the former acid neutralization pit area. System performance sampling results for RW-3 collected in 2003 were used in generating the comparison for 2002/3 and the system performance sample from 2010 was included for the development of the 2009/10 figures. Analytical results from this well are presented on Table 4-5 and in Appendix B.

Data Summaries

Tables 4-3 and 4-4 provide statistical data summaries, including the frequency of detection and frequency of exceedances of upgradient concentrations and comparison criteria, for detected compounds in groundwater samples collected in 2009 from the overburden and bedrock aquifers, respectively. These tables summarize the analytical results for overburden and bedrock aquifers and show the range of detected concentrations and the average concentrations for detected compounds in 2009/10. Comparisons of the average detected concentrations in wells sampled in both 2002/3 and 2009/10 are presented on Tables 4-6 and 4-7. Appendix E, Tables E-1 and E-2 present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above screening criteria to facilitate well-by-well comparison. The groundwater analytical results are presented on a disk in Appendix B.

Table 4-8 presents a focused comparison of eleven VOCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, xylene, TCE, and vinyl chloride) between 1997, 2002/3, and 2009/10 sampling rounds for the wells sampled during all three rounds to present trends over a longer time frame.

The following sections describe the groundwater data for each analyte group in greater detail.

C.1.1 Volatile Organic Compounds (VOCs) in Groundwater

VOCs were the most commonly and widely detected chemical class in the groundwater that can be considered entirely the result of man-made sources. Data summaries for individual VOCs are presented in Table 4-3 for the overburden aquifer and Table 4-4 for the bedrock aquifer.

The nature and extent of the VOCs exceeding Connecticut's SWPC and/or EPA's residential 2012 adjusted vapor intrusion screening levels, as well as changes between 2002/3 and 2009/10 analytical results, are described below. The tables and the discussions below present groundwater results by grouping shallow, intermediate, and deep overburden groundwater results together, with bedrock groundwater results presented separately. However, Figures 4-1 through 4-4 present interpreted 2002/3 and 2009/10 spatial distributions of 4 of the 28 identified VOCs throughout the OU2 study area at each of four depth intervals – shallow, medium, and deep overburden, and bedrock. The four VOCs (trichloroethene (TCE), 1,1-dichloroethene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), and vinyl chloride) are identified in Section 6 as the primary risk drivers for residential indoor air exposures resulting from migration of shallow groundwater contaminants to indoor air. The shallow overburden plan view illustrates the extent of contamination in the groundwater near the water table, and also enables the reader to identify areas where the upward migration of vapors into basements may be of greatest concern. The plan view for the bedrock groundwater presents the bedrock topography.

Figures C-5 through C-8 present the 2009/10 groundwater results at each well graphically for these four VOCs at all depths.

Four other VOCs were identified as potential risk drivers; however, because the frequency of detection in shallow groundwater was low, plume maps were not developed. Figures C-1A through C-4B present the shallow groundwater results for these contaminants. Figures C-1C through C-4C present the groundwater results for these contaminants at all depths.

Figure 4-5 presents cross-sectional views for TCE that depict the vertical contamination of TCE. This figure is included because, in the 2005 RI Report, TCE was identified as the contaminant of greatest concern through groundwater comparisons to volatilization criteria; through indoor air modeling from shallow groundwater concentrations and associated potential risks; and through examination of indoor air sampling results and associated risks.

Figures 4-1 through 4-5 use residential groundwater vapor intrusion comparison levels based on HQs of 1.0 and 1×10^{-5} cancer risk for comparison purposes. The comparison standards (groundwater vapor intrusion comparison levels) for TCE have changed since the 2005 RI Report from 27 µg/L for residential and 67 µg/L for industrial/commercial (based on the then proposed Connecticut groundwater volatilization criteria) to 5.2 µg/L for residential exposures and 22 µg/L for industrial/commercial exposures, based on HQs of 1.0 and 1×10^{-5} cancer risk. The residential groundwater vapor intrusion comparison levels are ten times the 2012 adjusted residential vapor intrusion screening levels presented in Appendix D-1; the industrial/commercial groundwater vapor intrusion comparison levels are ten times the 2012 adjusted industrial/commercial vapor intrusion screening levels presented in Appendix D-2. The TCE contaminant presentation has been updated for the revised comparison levels in Figures 4-1, 4-5 through 4-7, 4-10, and 4-11. The revised comparison levels are identified in the color scales for each of the figures.

Overburden

One hundred twenty-one samples collected from overburden groundwater were analyzed for VOCs. The concentrations of 15 VOCs: 1,1,1-trichloroethane (1,1,1-TCA), 1,1,2-trichloroethane (1,1,2-TCA), 1,1-dichloroethane (1,1-DCA), 1,1-DCE, 1,2-dichloroethane (1,2-DCA), benzene, chlorobenzene, chloroform, ethylbenzene, m,p-xylene, methyl tert-butyl ether (MTBE), methylene chloride, tetrachloroethene (PCE), TCE, and vinyl chloride exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one overburden groundwater sample collected during the 2009/10 sampling. Only 1,1,1-TCA, 1,1-DCE, and TCE exceeded Connecticut's SWPC in overburden groundwater.

Among the VOCs detected in OU2 study area overburden groundwater samples, only chlorobenzene and MTBE were detected in upgradient overburden wells (sampled in 2003).

1,1,1-TCA was detected in 65 of 121 overburden groundwater samples. Only the maximum concentration of 140,000 µg/L, detected at MW-PC02D, located at the southeastern side of the former Raymark facility, exceeded the SWPC of 62,000 µg/L. Thirteen samples exceeded the 2012 adjusted vapor intrusion screening level of 740 µg/L, which is based on a HQ of 0.1.

1,1,2-TCA was detected in 17 of 106 overburden groundwater samples. The maximum detected concentration was 21 µg/L, detected at MW-PC02D, located at the southeastern side of the former Raymark facility. No samples exceeded the SWPC of 1260 µg/L. All seventeen samples with detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 0.62 µg/L, which is based on a HQ of 0.1.

1,1-DCA was detected in 77 of 121 overburden groundwater samples. The maximum detected concentration was 2,100 µg/L, detected at CRA-2D, located along Barnum Avenue, just south of the former Raymark facility. There is no SWPC available for comparison. Sixty-one samples exceeded the 2012 adjusted vapor intrusion screening level of 6.6 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

1,1-DCE was detected in 67 of 120 overburden groundwater samples. The maximum detected concentration was 22,000 µg/L, detected at MW-PC02D, located at the southeastern side of the former Raymark facility. Thirty samples exceeded the SWPC of 96 µg/L. Forty-two samples exceeded the 2012 adjusted vapor intrusion screening level of 20 µg/L, which is based on a HQ of 0.1.

1,2-DCA was detected in 7 of 106 overburden groundwater samples. The maximum detected concentration was 8.4 µg/L, detected at MW-111D, located south of the former Raymark facility along Ferry Boulevard and near Ferry Creek. No samples exceeded the SWPC of 2,970 µg/L. Three samples exceeded the 2012 adjusted vapor intrusion screening level of 1.9 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

Benzene was detected in 28 of 106 overburden groundwater samples. The maximum detected concentration was 81 µg/L, detected at CRA-6S, located along Barnum Avenue, just south of the former Raymark facility. No samples exceeded the SWPC of 710 µg/L. Twenty-eight samples exceeded the 2012 adjusted vapor intrusion screening level of 1.4 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

Chlorobenzene was detected in 64 of 121 overburden groundwater samples. The maximum detected concentration was 3,500 µg/L, detected at MW-PC03S located at the eastern side of the former Raymark facility. No samples exceeded the SWPC of 420,000 µg/L. Seventeen detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 41 µg/L,

which is based on a HQ of 0.1. Twenty-nine of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 14 µg/L from the 2002/3 sampling round.

Chloroform was detected in 23 of 121 overburden groundwater samples. The maximum detected concentration was 23 µg/L, detected at MW-PC12D located at the former Raymark facility. No samples exceeded the SWPC of 14,100 µg/L. Twenty samples exceeded the 2012 adjusted vapor intrusion screening level of 0.71 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

Ethylbenzene was detected in 4 of 106 overburden groundwater samples. The maximum detected concentration was 34 µg/L, detected at MW-PC04S, located at the northeastern corner of the former Raymark facility. No samples exceeded the SWPC of 580,000 µg/L. Three samples exceeded the 2012 adjusted vapor intrusion screening level of 3 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

M,p-xylene was detected in 5 of 104 overburden groundwater samples. The maximum detected concentration was 84 µg/L, detected at MW-PC04S, located at the northeastern corner of the former Raymark facility. There is no SWPC available for comparison. Two samples exceeded the 2012 adjusted vapor intrusion screening level of 36 µg/L, which is based on a HQ of 0.1.

MTBE was detected in 22 of 106 overburden groundwater samples. The maximum detected concentration was 1,100 µg/L, detected at MW-PC01M, located at the eastern corner of the former Raymark facility. There is no SWPC available for comparison. Only one sample, the maximum detected concentration, exceeded the 2012 adjusted vapor intrusion screening level of 390 µg/L, which is based on a residential cancer risk of 1×10^{-6}. Twenty of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 4 µg/L from the 2002/3 sampling round.

Methylene chloride was detected in 7 of 106 overburden groundwater samples. The maximum detected concentration was 120 µg/L, detected at MW-PC14D, located at the western side of the former Raymark facility. No samples exceeded the SWPC of 48,000 µg/L. Five samples exceeded the 2012 adjusted vapor intrusion screening level of 39 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

PCE was detected in 33 of 105 overburden groundwater samples. The maximum detected concentration was 51 µg/L, detected at MW-506D, located at the southwestern corner of the former Raymark facility. No samples exceeded the SWPC of 88 µg/L. Ten samples exceeded the 2012 adjusted vapor intrusion screening level of 5.8 µg/L, which is based on a HQ of 0.1.

TCE was detected in 72 of 121 overburden groundwater samples. The maximum detected concentration was 7,800 µg/L, detected at MW-PC14D, located at the western side of the former Raymark facility. Five samples exceeded the SWPC of 2,340 µg/L. Seventy samples exceeded the 2012 adjusted vapor intrusion screening level of 0.52 µg/L, which is based on a HQ of 0.1.

Vinyl chloride was detected in 46 of 104 overburden groundwater samples. The maximum detected concentration was 440 µg/L, detected at MW-207SR, located along the southern edge of the former Raymark facility. No samples exceeded the SWPC of 15,750 µg/L. Forty-six samples exceeded the 2012 adjusted vapor intrusion screening level of 0.14 µg/L, which is based on residential cancer risk of 1×10^{-6}.

Bedrock

Twenty-five samples collected from bedrock groundwater were analyzed for VOCs. The concentrations of 11 VOCs: 1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, benzene, chlorobenzene, chloroform, PCE, TCE, and vinyl chloride exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one bedrock groundwater sample collected during the 2009 sampling. Only 1,1-DCE and TCE exceeded Connecticut's SWPC in bedrock groundwater.

Among the VOCs detected in OU2 study area bedrock groundwater samples, 1,1,1-TCA, 1,1-DCA, 1,1-DCE, acetone, chlorobenzene, chloroform, cis-1,2-DCE, and TCE were detected in upgradient bedrock wells (sampled in 2003).

1,1,1-TCA was detected in 17 of 24 bedrock groundwater samples. No samples exceeded the SWPC of 62,000 µg/L. The maximum concentration of 26,000 µg/L was detected at MW-PC02B, located at the southeastern side of the former Raymark facility. Three samples

exceeded the 2012 adjusted vapor intrusion screening level of 740 µg/L, which is based on a HQ of 0.1. Six of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 110 µg/L from the 2002/3 sampling round.

1,1,2-TCA was detected in 5 of 23 bedrock groundwater samples. The maximum detected concentration was 16 µg/L, detected at MW-211B, located along Barnum Avenue, just south of the former Raymark facility. No samples exceeded the SWPC of 1,260 µg/L. Five samples exceeded the 2012 adjusted vapor intrusion screening level of 0.62 µg/L, which is based on a HQ of 0.1.

1,1-DCA was detected in 18 of 23 bedrock groundwater samples. The maximum detected concentration was 4,600 µg/L, detected at MW-PC02B, located at the southeastern side of the former Raymark facility. There is no SWPC available for comparison. Fourteen samples exceeded the 2012 adjusted vapor intrusion screening level of 6.6 µg/L, which is based on a residential cancer risk of 1×10^{-6}. Sixteen of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 2 µg/L from the 2002/3 sampling round.

1,1-DCE was detected in 19 of 24 bedrock groundwater samples. The maximum detected concentration was 11,000 µg/L, detected at MW-PC02B, located at the southeastern side of the former Raymark facility. Eight samples exceeded the SWPC of 96 µg/L. Thirteen samples exceeded the 2012 adjusted vapor intrusion screening level of 20 µg/L, which is based on a HQ of 0.1. Four of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 260 µg/L from the 2002/3 sampling round.

1,2-DCA was detected in 6 of 24 bedrock groundwater samples. The maximum detected concentration was 18 µg/L, detected at MW-PC16B, located at the southwest corner of the former Raymark facility. No samples exceeded the SWPC of 2,970 µg/L. Only one sample, the maximum detected concentration, exceeded the 2012 adjusted vapor intrusion screening level of 1.9 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

Benzene was detected in 5 of 23 bedrock groundwater samples. The maximum detected concentration was 19 µg/L, detected at MW-PC15B, located at the southwest corner of the former Raymark facility. No samples exceeded the SWPC of 710 µg/L. All four detected

concentrations exceeded the 2012 adjusted vapor intrusion screening level of 1.4 µg/L, which is based on a residential cancer risk of 1×10^{-6}.

Chlorobenzene was detected in 16 of 25 bedrock groundwater samples. The maximum detected concentration was 1,200 µg/L, detected at MW-PC03B, located at the eastern side of the former Raymark facility. No samples exceeded the SWPC of 420,000 µg/L. Three detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 41 µg/L, which is based on a HQ of 0.1. None of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 1,200 µg/L from the 2002/3 sampling round.

Chloroform was detected in 8 of 25 bedrock groundwater samples. The maximum detected concentration was 9.8 µg/L, detected at MW-PC12B, located at the southwest side of the former Raymark facility. No samples exceeded the SWPC of 14,100 µg/L. Eight detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 0.71 µg/L, which is based on a residential cancer risk of 1×10^{-6}. None of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 23 µg/L from the 2002/3 sampling round.

PCE was detected in 13 of 23 bedrock groundwater samples. The maximum detected concentration was 20 µg/L, detected at MW-PC13B, located at the west side of the former Raymark facility. No samples exceeded the SWPC of 88 µg/L. Three detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 5.8 µg/L, which is based on a HQ of 0.1.

TCE was detected in 20 of 24 bedrock groundwater samples. The maximum detected concentration was 4,600 µg/L, detected at MW-211B, located along Barnum Avenue, just south of the former Raymark facility. Only the maximum detected concentration exceeded the SWPC of 2340 µg/L. All 20 detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 0.52 µg/L, which is based on a HQ of 0.1, and the vapor intrusion screening level of 1.1 µg/L, based on residential cancer risk of 1×10^{-6}. Sixteen of the OU2 study area detected concentrations exceeded the maximum detected upgradient concentration of 31 µg/L from the 2002/3 sampling round.

Vinyl chloride was detected in 10 of 23 bedrock groundwater samples. The maximum detected concentration was 55 µg/L, detected at MW-310B, located along Ferry Boulevard, south of the former Raymark facility and west of Ferry Creek. No samples exceeded the SWPC of 15,750 µg/L. All 10 detected concentrations exceeded the 2012 adjusted vapor intrusion screening level of 0.14 µg/L, based on residential cancer risk of 1×10^{-6}.

Recovery Wells

Groundwater samples were collected during 2010 from one of the five DNAPL recovery system wells located on the former Raymark Facility. Seven VOCs were detected. 1,1,1-TCA, PCE, and TCE were detected at MW-RW3 at concentrations greater than the SWPC. No other VOCs exceeded the SWPC. 1,1,1-TCA (130,000 µg/L), 1,1-DCA (2,600 µg/L), PCE (2,400 µg/L), and TCE (500,000 µg/L) were detected at MW-RW3 at concentrations greater than the residential 2012 adjusted vapor intrusion screening levels. These 2010 concentrations are each greater than the concentrations detected in 2003.

Summary of 2009/10 Overburden Groundwater VOC Results

As shown on Table 4-3, the concentrations of 15 VOCs exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one overburden groundwater sample within the OU2 study area collected during 2009/10. Only three VOCs exceeded Connecticut's SWPC in overburden groundwater. The highest concentrations in overburden groundwater of 1,1,1-TCA, 1,1,2-TCA, 1,1-DCE, chlorobenzene, ethylbenzene, m,p-xylene, MTBE, methylene chloride, PCE, TCE, and vinyl chloride were detected at the former Raymark facility. The highest concentrations in overburden groundwater (excluding the NAPL recovery well) of 1,1-DCA, 1,2-DCA, benzene, and chloroform were detected in monitoring well(s) located south of the former Raymark facility.

Summary of 2009/10 Bedrock Groundwater VOC Results

As shown on Table 4-4, the concentrations of 11 VOCs exceeded the residential 2012 adjusted vapor intrusion screening levels in at least one bedrock groundwater sample collected during the 2009/10 sampling. Only two VOCs exceeded Connecticut's SWPC in bedrock groundwater. The highest concentrations in bedrock groundwater of 1,1,1-TCA, 1,1-DCA, 1,1-DCE, 1,2-DCA, benzene, chlorobenzene, chloroform, and PCE were detected at the former Raymark facility;

whereas the highest concentrations in bedrock groundwater of 1,1,2-TCA, TCE, and vinyl chloride were detected in monitoring wells located south of the former Raymark facility. Concentrations of 1,1-DCA and 1,2-DCA in bedrock (at the former Raymark facility) exceeded the maximum concentrations detected in overburden (found in monitoring wells located south of the former Raymark facility). Concentrations of 1,1,1-TCA, 1,1,2-TCA, 1,1-DCE, chloroform, PCE, TCE, and vinyl chloride in deep overburden exceeded the maximum concentrations detected in bedrock. Concentrations of benzene and chlorobenzene in shallow overburden exceeded the maximum concentrations detected in deep overburden or bedrock. Note that deep overburden and bedrock contamination is not assumed to be an issue for vapor intrusion.

Summary of 2010 NAPL Recovery Well VOC Results

As shown on Table 4-5, the concentrations of six VOCs (1,1,1-TCA, 1,1-DCA, styrene, PCE, toluene, and TCE) in the 2010 RW-3 NAPL recovery well sample exceeded the residential 2012 adjusted vapor intrusion screening levels. The sample was an aqueous phase sample collected from the discharge stream of the well's pump. This well is screened within the overburden aquifer. Results of this well and overburden and bedrock groundwater wells at the former Raymark facility are consistent with the presence of a TCE-rich dense non-aqueous phase liquid (DNAPL) source beneath the former acid neutralization pits at the former Raymark facility as described in Section 5.1 of this Update and in the 2005 RI Report Section 5.2. No new NAPL samples have been collected during the 2009/10 sampling.

Comparison of 2002/3 and 2009/10 Groundwater VOC Results

Based on a comparison of the 2002/3 and 2009/10 analytical data using the average detected concentrations, the new analytical sampling results do not indicate a significant change in contamination levels. See Tables 4-6 and 4-7 for comparisons. In general, the nature and extent of VOC groundwater contamination indicates small decreases in concentrations since the 2002/3 sampling round. Appendix E, Tables E-1 and E-2, present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above screening criteria to facilitate a well-by-well comparison.

The following discussion compares the 2009/10 results to the results of the 2002/3 sampling as presented in the 2005 RI Report.

1,1-DCP detected in the 2002/3 sampling was not detected in 2009/10. As in the 2002/3 sampling, benzene concentrations continue to be highest at shallow depths along Barnum Avenue.

The 2005 RI Report noted that the concentrations of 1,1,1-TCA, 1,1-DCE, 1,2-DCA, chlorobenzene, toluene, PCE, TCE, and vinyl chloride were most abundant beneath the former Raymark facility. Maximum concentrations of each of these VOCs were greater in the 2002/3 sampling round than in the 2009/10 sampling round. The 2009/10 sampling results indicate that the highest concentrations of 1,1,1-TCA, 1,1-DCE, 1,2-DCA, chlorobenzene, toluene, PCE, TCE, and vinyl chloride continue to be detected at the former Raymark facility or just to the south along Barnum Avenue.

Tables 4-6 and 4-7 provide comparisons of the 2002/3 and 2009/10 average detected concentrations across the 143 common wells sampled in both rounds in the overburden and the bedrock. Based on these comparisons, the 2009/10 analytical sampling results do not indicate a significant change in VOC contamination levels. In general, the nature and extent of VOC groundwater contamination indicates small decreases in concentrations since the 2002/3 sampling round.

Appendix E, Tables E-1 and E-2, present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above 2012 adjusted vapor intrusion screening levels or Connecticut's SWPC to facilitate a well-by-well comparison. Well-to-well comparison of 2002/3 and 2009/10 results from the wells across the former Raymark facility indicate decreasing VOC concentrations across the former Raymark facility for these and other VOCs. Maximum 2009/10 detected overburden groundwater concentrations of several of the VOCs were detected south of the former Raymark facility along Barnum Avenue. Well-by-well comparison of 2002/3 and 2009/10 results from the area south of the former Raymark facility along Barnum Avenue indicates that concentrations of VOCs in that area have also generally decreased. The overburden groundwater concentrations of 1,1,1-TCA, 1,1,2-TCA, and 1,1-DCE at the location of highest 2009/10 concentrations in overburden (MW-PC02D) were less than they had been in the 2002/3 sampling at the same location.

Seven additional VOCs (1,1,2-TCA, 1,1-DCA, chloroform, ethylbenzene, m,p-xylene, MTBE, and methylene chloride), which were present in the samples but not discussed in the 2005 RI

Report, were identified in the 2009/10 sampling at concentrations above 2012 adjusted vapor intrusion screening levels. Inclusion of these Contaminants of Potential Concern (COPCs) in the discussion reflects a decrease in the screening levels rather than an increase in detected concentrations. Maximum 2002/3 detected concentrations of these VOCs are similar to or greater than those detected in the 2009/10 sampling round. Well-by-well comparisons and comparisons of OU2 study area average concentrations confirm decreasing concentrations across the OU2 study area.

To present trends over a longer time frame, a focused comparison of eleven VOCs (1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,1-DCE, benzene, chlorobenzene, chloroform, ethylbenzene, xylene, TCE, and vinyl chloride) between 1997, 2002/3, and 2009/10 sampling rounds was conducted for the wells sampled during all three rounds. Data from the 1997 sampling round were presented and discussed in the 2005 RI Report. The concentrations of these eleven VOCs detected in the groundwater during the 2009/10 sampling were compared to the concentrations detected in 1997 and 2002/3. The comparison was limited to a smaller subset of 73 wells from which samples were collected and analyzed for VOCs during all three time periods. Table 4-8 provides a statistical summary and comparison of the three datasets. Table 4-9 provides a list of these 73 wells.

Detection frequencies and the number of exceedances of screening levels in 2009/10 for 1,1,1-TCA, 1,1-DCE, ethylbenzene, xylene, and TCE remained approximately the same or lower than the previous rounds of sampling in these wells. The detection frequency and the number of exceedances of the screening levels for 1,1,2-TCA, 1,1-DCA, benzene, chlorobenzene, chloroform, and vinyl chloride increased between the 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round.

Maximum detected concentrations and average concentrations of 1,1,1-TCA, benzene, and chlorobenzene have decreased over time. Maximum detected concentrations of 1,1-DCE and vinyl chloride have also decreased over time; however, average concentrations for 1,1-DCE and vinyl chloride do not show a clear trend.

Maximum detected concentrations and average concentrations of 1,1,2-TCA, chloroform, ethylbenzene, and TCE increased between 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round. Maximum detected concentrations of 1,1-DCA have increased

somewhat over time; however, average concentrations have fluctuated within the same concentration level. Maximum detected concentrations of xylene increased slightly between the 1997 and 2002/3 sampling rounds, but decreased in the 2009/10 sampling round; average concentrations have decreased over time. In summary, VOC contamination appears to be decreasing over time.

No figures are included in the OU2 RI Update Report depicting 1997 sample results. Figures in this report display 2002/3 and 2009/10 sample results. The 1997 results are included in figures in the 2005 RI Report.

Figure 4-1 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for TCE. In general, TCE concentrations appear to have decreased between 2002/3 and 2009/10 at each depth, except at the recovery well. TCE remains at highest concentrations at the recovery well and in deep overburden and bedrock in the northern bedrock valley. The indoor air area of concern for shallow groundwater based on a TCE groundwater vapor intrusion comparison level of 5.2 µg/L (equivalent to a hazard quotient of 1.0 for residential indoor air exposures and less than 1×10^{-5} cancer risk) has diminished.

Figure 4-2 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for 1,1-DCE. In general, 1,1-DCE concentrations appear to have decreased between 2002/3 and 2009/10 at each depth. 1,1-DCE remains at highest concentrations in deep overburden and bedrock in the southern bedrock valley. The indoor air area of concern for shallow groundwater based on a 1,1-DCE groundwater vapor intrusion comparison level of 200 µg/L (equivalent to a hazard quotient of 1.0 for residential indoor air exposures) has diminished.

Figure 4-3 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for vinyl chloride. In general, vinyl chloride concentrations appear to have decreased between 2002/3 and 2009/10 at each depth. High concentrations remain in the intermediate and deep overburden above the southern bedrock valley. The indoor air area of concern for shallow groundwater based on a vinyl chloride groundwater vapor intrusion comparison level of 1.4 µg/L (equivalent to a 1×10^{-5} cancer risk level for residential indoor air exposures) has diminished.

Figure 4-4 presents the shallow, medium, and deep overburden and bedrock groundwater concentrations in the 2002/3 and 2009/10 sampling rounds for 1,1-DCA. In general, 1,1-DCA concentrations appear to have decreased between 2002/3 and 2009/10 in shallow, medium, and deep overburden, but appear to have increased in the bedrock groundwater in the southern bedrock valley and remain high at the recovery well. The indoor air area of concern for shallow groundwater based on a 1,1-DCA groundwater vapor intrusion comparison level of 66 µg/L (equivalent to a 1 x 10^{-5} cancer risk level for residential indoor air exposures) has diminished.

Figures 4-6 and 4-7 present the indoor air areas of concern for TCE and vinyl chloride for residential and industrial/commercial properties, respectively, resulting from the 2002/3 and 2009/10 sampling data. Figures 4-8 and 4-9 present the indoor air areas of concern for 1,1-DCE and 1,1-DCA for residential and industrial/commercial properties, for the 2002/3 and 2009/10 sampling data. The indoor air areas of concern are defined as those areas of the plume where shallow groundwater is detected at concentrations exceeding groundwater vapor intrusion comparison levels corresponding to cancer risk levels of 1 x 10^{-5} and HQs of 1.0. Both the residential and industrial/commercial indoor air areas of concern for shallow groundwater for each of these four VOCs have diminished.

Groundwater Vapor Intrusion Comparison Levels

Contaminant	Residential (µg/L)	Industrial/Commercial (µg/L)
TCE	5.2	22
Vinyl chloride	1.4	25
1,1-DCA	66	330
1,1-DCE	200	820

See Appendix D-1 and D-2 and multiply by 10 to adjust to cancer risk levels of 1 x 10^{-5} and HQs of 1.0.

On Figures 4-6 and Figure 4-7 there are small areas in the center of the VOC plume where concentrations of both TCE and vinyl chloride are less than the groundwater volatilization comparison levels. This is because of non-detect results at MW-522S, CRA-5S, and CRA-6S. The absence of these primary risk drivers in groundwater in this area may be the result of remedial activities (soil removal and soil vapor extraction) that have been implemented at the Synthetic Products site from 1999 through 2007 to remove residual benzene, toluene, ethylbenzene, and xylene (BTEX) compounds from the soil, and/or the chemical interactions

between the Raymark risk drivers and the BTEX compounds at the Synthetic Products site that resulted in the reduction of the concentrations of these compounds. Despite these past remedial activities, this is the location of the highest benzene concentrations identified in the OU2 sampling.

Four other VOCs (benzene, chlorobenzene, chloroform, and xylene) were identified as potential risk drivers; however, because the frequency of detection and exceedance of screening values in shallow groundwater was low, figures displaying indoor air areas of concern were not developed. Locations of detections for these VOCs in shallow groundwater are displayed in Appendix C, Figures C-1A through C-4B. The highest concentrations of benzene in shallow groundwater are found at CRA-6S and CRA-5S, located along Barnum Avenue, just south of the former Raymark facility and at the former Raymark facility at MW-PC03 and MW-PC14. The maximum detected concentration of chlorobenzene was detected at MW-PC03S. The maximum detected concentration of ethylbenzene was detected at MW-PC04S. MW-PC03S and MW-PC04S are located on the eastern side of the former Raymark facility just east of the indoor air area of concern defined by the four primary risk drivers. The maximum detected concentration of chloroform in shallow groundwater was detected at MW-203S located southeast of the former Raymark facility. This location is east of the indoor air area of concern defined by the four primary risk drivers.

Figure 4-10 presents the overall extent of the indoor air area of concern for residential properties (based on the 2009/10 shallow groundwater results for the eight identified risk drivers – the four presented in Figures 4-6 and 4-8, plus the less frequently detected VOCs). Refer to Appendix C, Figure C-1A through Figure C-4A for locations of benzene, chlorobenzene, chloroform, and ethylbenzene exceeding groundwater vapor intrusion comparison levels. The yellow area outlined in blue on Figure 4-10 shows the estimated indoor air area of concern for residential properties where shallow groundwater concentrations exceed the groundwater vapor intrusion comparison levels for the 2009/10 data. The 2009/10 COC extent is presented along with the indoor air area of concern modified from the 2005 RI Report, Figure 4-20, which was based on 2002/3 shallow groundwater results in combination with the proposed TCE Connecticut residential volatilization criterion of 27 µg/L, outlined in green. Comparison of the results for the 2002/3 data with the 2009/10 data indicates that this area has remained approximately the same.

Groundwater Vapor Intrusion Comparison Levels for Additional COCs*

Contaminant	Residential (µg/L)	Industrial/Commercial (µg/L)
Benzene	14	69
Chlorobenzene	410	NVT
Chloroform	7.1	36
Ethylbenzene	30	150

*See Appendix D-1 and D-2 and multiply by 10 to adjust to cancer risk levels of 1×10^{-5} and HQs of 1.0.
NVT – Not sufficiently volatile and/or toxic to pose inhalation risk for this scenario and medium.

Figure 4-11 presents the overall extent of the indoor air areas of concern for industrial/ commercial properties (based on the 2009/10 shallow groundwater results for the four identified risk drivers – the three presented in Figure 4-7 and Figure 4-9, plus the less frequently detected VOC benzene exceeding groundwater vapor intrusion comparison level). There are no exceedances of the industrial groundwater vapor intrusion comparison levels for 1,1-DCE, chlorobenzene, chloroform, and ethylbenzene in 2009/10 shallow groundwater. Refer to Appendix C, Figure C-1B through Figure C-4B. The yellow area outlined in red on Figure 4-11 shows the estimated indoor air area of concern for industrial/commercial properties where shallow groundwater concentrations exceed the groundwater vapor intrusion comparison levels for the 2009/10 data. The 2009/10 COC extent is presented along with the indoor air area of concern modified from the 2005 RI Report, Figure 4-20, which was based on 2002/3 shallow groundwater results in combination with the proposed TCE Connecticut industrial volatilization criterion of 67 µg/L, outlined in green. Comparison of the results for the 2002/3 data with the 2009/10 data indicates that this area has decreased slightly.

Note that the 2005 RI Report Figure 4-20 indoor air areas of concern included an area upgradient of the former Raymark facility along Cottage and Clinton Avenues. That depiction was an artifact of the modeling, not of actual monitored groundwater conditions. Therefore, that portion of the 2005 RI Report contour line has been removed on Figure 4-10 and Figure 4-11.

Comparison of 2003 and 2010 NAPL Recovery Well Results

Sampling of RW-3 was performed by the CTDEEP in 2003 and 2010. The results of that sampling are summarized in Table 4-5. Unlike the overburden and bedrock groundwater results from the 2009/10 sampling rounds, concentrations of 1,1,1-TCA, 1,1-DCA, styrene, PCE,

toluene, and TCE from the NAPL recovery well collected in 2010 exceeded those reported in 2003. Because RW-3 is an operating NAPL recovery well, the concentrations measured in this well would be expected to vary with the history and operation of the well. Because this well is not designed to monitor groundwater and the sample was collected from the effluent of a recovery pump, these results would be expected to be more variable than results obtained from a groundwater monitoring well.

C.1.2 Semi-Volatile Organic Compounds in Groundwater

The types and distribution of SVOCs in the overburden and bedrock aquifers are presented below. Table 4-3 and Table 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively. No figures are presented for SVOCs.

Overburden

The overall distribution of SVOCs in the overburden aquifer during the 2009/10 sampling effort is discussed below. Eighty-one groundwater samples were collected from the overburden aquifer and analyzed for SVOCs. These samples were also analyzed for PAHs using Selective Ion Monitoring (SIM) analysis to provide more sensitive detection limits. Twenty-three SVOCs were detected in the routine analysis. Eleven additional SVOCs were detected in the SIM analysis.

Acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and phenanthrene were the only compounds detected in samples from 2009/10 at concentrations greater than the SWPC. Concentrations of acenaphthylene ranged from 0.11 µg/L to 0.38 µg/L in two samples, with only the maximum detected concentration exceeding the SWPC of 0.3 µg/L. The highest concentration was detected at MW-110S, between Willow Avenue and Ferry Creek. Benzo(a)anthracene was detected in three wells at concentrations ranging from 0.32 µg/L to 0.67 µg/L, exceeding the SWPC of 0.3 µg/L. The highest concentration was detected at MW-529S, just south of the former Raymark facility. Benzo(a)pyrene was detected in four wells. Concentrations of benzo(a)pyrene ranged from 0.21 µg/L to 0.34 µg/L, with three wells exceeding the SWPC of 0.3 µg/L. The highest concentration was detected at MW-529S, just south of the former Raymark facility. Benzo(b)fluoranthene was detected in four wells. Concentrations of benzo(b)fluoranthene ranged from 0.25 µg/L to 0.8 µg/L, with three wells

exceeding the SWPC of 0.3 µg/L. The highest concentration was detected at MW-110D, between Willow Avenue and Ferry Creek. Concentrations of phenanthrene ranged from 0.12 µg/L to 1.9 µg/l in 21 samples. All detected concentrations exceeded the SWPC of 0.077 µg/L. The maximum concentration was detected at CRA-6S, along Barnum Avenue.

Among the SVOCs detected in OU2 study area overburden groundwater samples, several were detected in upgradient overburden wells (sampled in 2002/3), including 2,4-dimethylphenol, 2-methylphenol, 4-chloro-3-methylphenol, 4-methylphenol, caprolactam, naphthalene, phenol, benzo(b)fluoranthene, and chrysene. Among the SVOCs with exceedances of SWPC, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, and phenanthrene were not detected in upgradient wells; and all detected OU2 study area concentrations of benzo(b)fluoranthene exceeded the maximum concentrations detected in upgradient wells. All detected OU2 study area concentrations of 2,4-dimethylphenol, 2-methylphenol, 4-chloro-3-methylphenol, and 4-methylphenol were less than the maximum upgradient concentrations. Maximum OU2 study area concentrations of caprolactam, naphthalene, phenol, and chrysene exceeded the maximum upgradient concentrations, but did not exceed the SWPC.

Bedrock

The overall distribution of SVOCs in the bedrock aquifer during the 2009/10 sampling effort is discussed below. Eleven samples were collected from the bedrock aquifer and analyzed for SVOCs. Five SVOCs were detected, each in one or two samples of the 11 collected and analyzed by routine SVOC analysis. Additionally, five PAHs were detected in samples analyzed by SIM analysis. Phenanthrene was the only compound with a concentration greater than the SWPC of 0.077 µg/L (0.22 µg/L at MW-213B). It was not detected in any other wells. Among the SVOCs detected in OU2 study area bedrock groundwater samples, only caprolactam was also detected in upgradient bedrock wells (sampled in 2002/3). The OU2 study area bedrock concentrations of caprolactam were less than the maximum upgradient concentration in bedrock of 650 µg/L.

Summary of 2009/10 Groundwater SVOC Results and Comparison of 2002/3 and 2009/10 Results

SVOCs were detected infrequently and at relatively low concentrations in groundwater samples from throughout the OU2 study area. Only five compounds had concentrations exceeding the

SWPC, and the distribution of those exceedances, primarily in the overburden aquifer, appears to be sporadic. Compared to the previous 2002/3 sampling round, concentrations of SVOCs from the 2009/10 sampling effort appear to be similarly low, and detections of SVOCs are still sporadic throughout the OU2 study area.

C.1.3 Pesticides and PCBs in Groundwater

The type and distribution of pesticides and PCBs in the overburden and bedrock aquifers are presented below. Tables 4-3 and 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively. No figures are presented for pesticides or PCBs.

Overburden

The type and distribution of pesticides and PCBs in the overburden aquifer during the 2009/10 sampling effort are presented below. Eighty-one samples were collected from the overburden aquifer and analyzed for pesticides and PCBs.

Nine pesticides were detected in up to three samples each of the overburden groundwater samples collected. Concentrations of dieldrin and heptachlor exceeded their respective SWPC (0.1 µg/L and 0.05 µg/L). Dieldrin was detected at 0.22 µg/L in one sample at MW-302S, located along Housatonic Avenue. Heptachlor concentrations ranged from 0.03 µg/L to 0.07 µg/L in two samples; the highest concentration was found at MW-213S located along Minor Avenue.

Arochlor 1254 was detected in one overburden groundwater sample, at MW-111D, located near Ferry Creek, at a concentration of 0.45 µg/L. No SWPC are available for PCBs for comparison. No other PCBs were detected in overburden groundwater samples collected during 2009/10.

Among the pesticides and PCBs detected in OU2 study area overburden groundwater samples, none were detected in upgradient overburden wells.

Bedrock

The types and distribution of pesticides and PCBs for the bedrock aquifer during the 2009/10 sampling effort are presented below. Eleven samples were collected from the bedrock aquifer and analyzed for pesticides and PCBs.

Three pesticides were detected in one bedrock groundwater sample each. Concentrations of dieldrin and heptachlor exceeded the SWPC. Dieldrin was detected in only one sample, at MW-215B (along Willow Avenue) at a concentration of 0.13 µg/L, exceeding the SWPC of 0.1 µg/L. Heptachlor was detected in only one sample, at MW-505B (along Barnum Avenue) at a concentration of 0.058 µg/L exceeding the SWPC of 0.05 µg/L. PCBs were not detected in bedrock groundwater samples during the 2009/10 sampling effort.

Among the pesticides and PCBs detected in OU2 study area bedrock groundwater samples, none were detected in upgradient bedrock wells.

Summary of 2009/10 Groundwater Pesticide and PCB Results and Comparison of 2002/3 and 2009/10 Results

Pesticides were infrequently detected in the 2009/10 samples. Compared to the previous 2002/3 sampling round, concentrations of pesticides from the 2009/10 sampling effort appear to be similarly low in samples from both aquifers, and detections of pesticides are still infrequent in the OU2 study area.

PCBs were detected in a single sample from overburden groundwater near Ferry Creek. No PCBs were detected in bedrock samples collected during 2009/10. No PCBs were detected in either overburden or bedrock samples collected during 2002/3. PCBs had been detected in overburden samples at MW-305S, located along Ferry Creek further upstream, during earlier sampling (1999).

C.1.4 Metals in Groundwater

Metals are ubiquitous in groundwater because they occur naturally in the environment. Naturally-occurring heavy metals are usually found in the groundwater at low concentrations. Their occurrence at high concentrations may indicate an anthropogenic source of VOCs,

geochemical changes in the aquifer resulting from biodegradation of organic contaminants, or an abundance of suspended solids in the groundwater sample. Groundwater samples collected from the OU2 monitoring wells were acquired using methods that minimized the amount of suspended particulates, so it is anticipated that the laboratory results are representative of mobile metals in the sampled interval.

The type and distribution of metals in the overburden and bedrock aquifers are presented below. Data summaries for individual metals are presented in Table 4-3 for the overburden aquifer and Table 4-4 for the bedrock aquifer. No figures are presented for metals.

Overburden

A summary of the nature and extent of the metals that exceeded Connecticut's SWPC in the overburden aquifer are described below. Eighty-one samples were collected from the overburden aquifer and analyzed for metals.

Arsenic, beryllium, cadmium, copper, lead, and zinc exceeded SWPC in one or more overburden groundwater samples.

Concentrations of beryllium surpassed the SWPC of 4 µg/L in 3 of the 4 samples in which it was detected. The maximum concentration of 13 µg/L was detected in deep overburden at MW-211D. This location is south of the former Raymark facility along Barnum Avenue.

Concentrations of cadmium surpassed the SWPC of 6 µg/L in 4 of the 14 samples in which it was detected. The maximum concentration of 77 µg/L was detected at CRA-4S, located along Barnum Avenue.

The concentration of copper surpassed the SWPC of 13 µg/L in only 1 of the 34 samples in which it was detected. The maximum concentration of 108 µg/L was detected at CRA-4S, located along Barnum Avenue.

Concentrations of lead surpassed the SWPC of 13 µg/L in 2 of the 8 samples in which it was detected. The maximum concentration of 69 µg/L was detected at MW-104S. This location is west of Ferry Boulevard.

Concentrations of zinc surpassed the SWPC of 123 µg/L in 7 of the 48 samples in which it was detected. The maximum concentration of 968 µg/L was detected at MW-211D. This location is south of the former Raymark facility along Barnum Avenue. Areas of high localized concentrations were also found in the groundwater south of the former Raymark facility along Barnum Avenue and East Broadway, and along the Housatonic River near Minor Avenue, as well as the overburden and bedrock in the southern bedrock valley.

Arsenic detections exceeding SWPC were more frequent. Twenty-five of the 62 samples with measurable levels of arsenic exceeded the SWPC of 4 µg/L. Arsenic concentrations reached a maximum of 163 µg/L at MW-505M, located south of the former Raymark facility along Barnum Avenue. Areas of high localized concentrations were also found in the groundwater beneath East Broadway and the Barnum Avenue cut-off, as well as the overburden and bedrock in the southern bedrock valley.

Bedrock

A summary of the nature and extent of the metals that exceeded Connecticut's SWPC in the bedrock aquifer are described below. Eleven samples were collected from the bedrock aquifer and analyzed for metals.

Arsenic, beryllium, chromium, and zinc exceeded SWPC in one or two bedrock groundwater samples each. Maximum concentrations of beryllium, chromium, and zinc (4.6 µg/L, 10 µg/L, and 186 µg/L) detected at MW-514B, located along Ferry Boulevard, and south of Minor Avenue exceeded SWPC. Maximum concentrations of arsenic (11.2 µg/L) detected at MW-211B, located south of the former Raymark facility along Barnum Avenue exceeded the SWPC.

Summary of 2009/10 Groundwater Metals Results and Comparison of 2002/3 and 2009/10 Results

Concentrations of arsenic, beryllium, cadmium, chromium, copper, lead, and zinc exceeded SWPC in at least one groundwater sample collected from the OU2 study area during the 2009/10 sampling round. In general, the 2009/10 sampling round reported lower concentrations of metals than the 2002/3 sampling round. Groundwater beneath the former Raymark facility was not analyzed for metals during 2009/10.

The 2005 RI Report noted that metal contamination was most noticeable in the deep overburden and bedrock associated with the southern bedrock valley southwest and south of the former Raymark facility acid neutralization pits. Shallow groundwater along East Broadway west of Ferry Creek exceeded the SWPC for arsenic, copper, lead, and zinc. Groundwater from the deep overburden and bedrock associated with the southern bedrock valley often exceeded the SWPC for arsenic, beryllium, cadmium, copper, lead, and zinc.

Tables 4-6 and 4-7 provide comparisons of the 2002/3 and 2009/10 average detected concentrations across common wells sampled in both rounds. Based on these comparisons, the 2009/10 analytical sampling results do not indicate a significant change in metal contamination levels.

Appendix E, Table E-1 and Table E-2 present individual well data from the 2002/3 and 2009/10 sampling rounds for the contaminants detected in 2009/10 above screening criteria to facilitate well-by-well comparison. Well-by-well comparisons of 2002/3 and 2009/10 results from samples collected in the deep overburden and bedrock associated with the southern bedrock valley southwest and south of the former Raymark facility acid neutralization pits indicate that metals concentrations have generally decreased in this area. However, lead and zinc concentrations at MW-104S (along East Broadway) are higher in 2009/10 than in 2002/3. Concentrations of arsenic, beryllium, cadmium, lead, and zinc remain above SWPC beneath portions of East Broadway. Concentrations of arsenic, beryllium, and zinc remain above SWPC from the deep overburden and bedrock associated with the southern bedrock valley. Groundwater along Longbrook Avenue was not sampled during 2009/10. Groundwater in the overburden and bedrock near the former Raymark facility acid neutralization pits was not analyzed for metals during 2009/10.

C.1.5 Dioxins and Furans in Groundwater

The types and distribution of dioxins and furans in groundwater are presented below. Table 4-3 and Table 4-4 provide summaries of the analytical results for contaminants detected in the overburden and bedrock aquifers, respectively. Results discussed below reflect only the groundwater sampling effort performed during 2009/10.

The term “dioxins and furans” is commonly used to refer to a specific group of polychlorinated dioxin and furan chemical compounds. The toxicity of one specific compound, 2,3,7,8-tetrachloro-dibenzo-p-dioxin (2,3,7,8-TCDD), has been studied more than other known dioxins and furans. The toxicities of all other dioxins and furans are expressed in relation to 2,3,7,8-TCDD. Concentrations of each individual dioxin and furan in a sample are multiplied by Toxicity Equivalent Factors (TEFs) to yield 2,3,7,8-TCDD equivalent concentrations. These values are then totaled to yield total 2,3,7,8-TCDD Toxicity Equivalent (TEQ) concentrations. The TEF used for these calculations are found in “Toxic Equivalency Factor for PCBs, PCDDs, PCDFs for Human and Wildlife” (Van der Berg et. al.1998).

Overburden

The distribution of dioxins and furans in the overburden aquifer during the 2009/10 sampling effort is presented below. Forty-one groundwater samples were collected from the overburden aquifer and analyzed for dioxins and furans.

Five samples contained dioxins and/or furans. Toxicity Equivalent concentrations ranged from 0.02 pg/L to 0.47 pg/L. The highest concentration was detected at MW-213S, located along Minor Avenue. No dioxins or furans were detected in 2002/3 or 2009/10 upgradient well sampling. In previous sampling rounds (pre-2003), dioxins and furans were detected in overburden wells upgradient of the former Raymark facility. The maximum pre-2002/3 upgradient concentration for overburden wells was 13 pg/L. No samples from the 2009/10 sampling round exceeded that concentration. There is no SWPC for dioxins and furans to use for comparison.

Bedrock

No 2009/10 groundwater samples from the bedrock aquifer were analyzed for dioxins and furans.

Summary of 2009/10 Groundwater Dioxins and Furans Results and Comparison of 2002/3 and 2009/10 Results

Low concentrations of dioxins and furans were infrequently detected in overburden groundwater samples collected from the OU2 study area. This is consistent with the results reported in the 2005 RI Report.

C.2 NATURE AND EXTENT DISCUSSION: SOIL GAS

This evaluation of the nature and extent of VOCs in soil gas is based on the data collected during the 2003 soil gas sampling effort (see the 2005 RI Report, Section 2.12.6) and during the October 2009 soil gas sampling effort (see Section 2.0 of this OU2 RI Update Report). The purpose of the 2009 sampling effort was to update the extent of VOC contamination in residential areas hydraulically downgradient from the former Raymark facility. The 2003 and 2009 soil gas sampling was performed at permanent soil gas well locations installed between August 2002 and January 2003 along public ways downgradient and east of the former Raymark facility. Table 4-10 presents the 2003 and 2009 soil gas sampling results. Table 4-11 presents statistical summaries of the 2003 and 2009 soil gas sampling results from the mobile laboratory. Figure 2-2 shows sampling locations for soil gas within the OU2 study area.

In January 2003, soil gas samples were collected from a total of 26 permanent soil gas monitoring well locations, and in October 2009, soil gas samples were collected from a total of 25 of these locations (one was destroyed). At two locations (MW-523SG and MW-526SG), multiple soil gas samples were collected within the unsaturated soil area. All gas samples were analyzed for five target VOCs: 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and TCE. The analytical results are tabulated in Table 4-10.

Figures 4-12 and 4-13 present the plume maps for TCE and 1,1-DCE, respectively. In order to provide a consistent comparison between the two sampling events only the 25 sampling locations that were sampled during both the 2003 and 2009 sampling events have been included in the figures.

In the discussions below multiple samples from the same location were treated as a single detection if a detected concentration was reported in any of the samples from that location.

C.2.1 Contaminants in Soil Gas

2003

The 2003 sampling effort included collection of two samples from each location with one collected in a Tedlar bag and analyzed in the EPA on-site mobile laboratory and one collected in a SUMMA canister and analyzed off-site at the EPA NERL. Results were generally consistent. The EPA NERL analysis was able to report concentrations below the detection limit of the mobile laboratory for some samples.

1,1-DCE was detected at 13 of the 26 sample locations, and concentrations were the highest beneath portions of Ferry Boulevard. Lesser concentrations of 1,1-DCE were also detected along Housatonic Avenue and Riverview Place. The highest concentration (8649 $\mu g/m^3$) was found at MW-517SG beneath Ferry Boulevard north of Minor Avenue and south of Riverview Place.

1,1,1-TCA was detected at 24 of the 26 sample locations. The highest concentrations were found beneath portions of Ferry Boulevard and lesser concentrations detected along Housatonic Avenue, Riverview Place, and Minor Avenue. The highest concentration (14731 $\mu g/m^3$) was found at MW-517SG beneath Ferry Boulevard north of Minor Avenue and south of Riverview Place.

TCE was detected at 15 of 26 sample locations. Its distribution was similar to that for 1,1-DCE, with highest concentrations beneath portions of Ferry Boulevard and lesser concentrations detected along Housatonic Avenue and Riverview Place. The highest concentration point of TCE (7094 $\mu g/m^3$) was measured in the soil gas at MW-519SG beneath Ferry Boulevard north of Riverview Place.

PCE was detected at 6 of the 26 sample locations, and concentrations were the highest beneath portions of Ferry Boulevard. Lesser concentrations of PCE were detected along Riverview Place. The highest concentration point (142 $\mu g/m^3$) was found at MW-519SG beneath Ferry Boulevard north of Riverview Place.

Cis-1,2-DCE was detected at 12 of the 26 sample locations. The highest concentrations were detected beneath portions of Ferry Boulevard and Riverview Place and lesser concentrations

detected along Housatonic Avenue and Minor Avenue. The highest concentration point of cis-1,2-DCE (1971 µg/m^3) was found at MW-517SG beneath Ferry Boulevard north of Minor Avenue and south of Riverview Place.

2009

The 2009 samples were collected in Tedlar bags and analyzed in the EPA on-site mobile laboratory; confirmation samples were sent to EPA NERL.

1,1-DCE was detected at 6 of the 25 sample locations, and concentrations were the highest beneath portions of Ferry Boulevard. Lesser concentrations of 1,1-DCE were also detected along Housatonic Avenue and Riverview Place. The highest concentration point (1976 µg/m^3) was found at MW-518SG beneath Ferry Boulevard at Riverview Place.

1,1,1-TCA was detected at 7 of the 25 sample locations. Its distribution was similar to that for 1,1-DCE, with highest concentrations beneath portions of Ferry Boulevard and lesser concentrations detected along Housatonic Avenue and Riverview Place. The highest concentration point of 1,1,1-TCA (4403 µg/m^3) was found at MW-514SG beneath Ferry Boulevard just south of Minor Avenue.

TCE was detected at 6 of the 25 sample locations. Its distribution was similar to that for 1,1-DCE, with highest concentrations beneath portions of Ferry Boulevard and lesser concentrations detected along Housatonic Avenue and Riverview Place. The highest concentration point of TCE (8491 µg/m^3) was measured in the soil gas at MW-519SG beneath Ferry Boulevard north of Riverview Place.

PCE was detected at 5 of the 25 sample locations, and concentrations were the highest beneath portions of Ferry Boulevard. Lesser concentrations of PCE were detected along Riverview Place. The highest concentration point (359 µg/m^3) was found at MW-519SG beneath Ferry Boulevard north of Riverview Place.

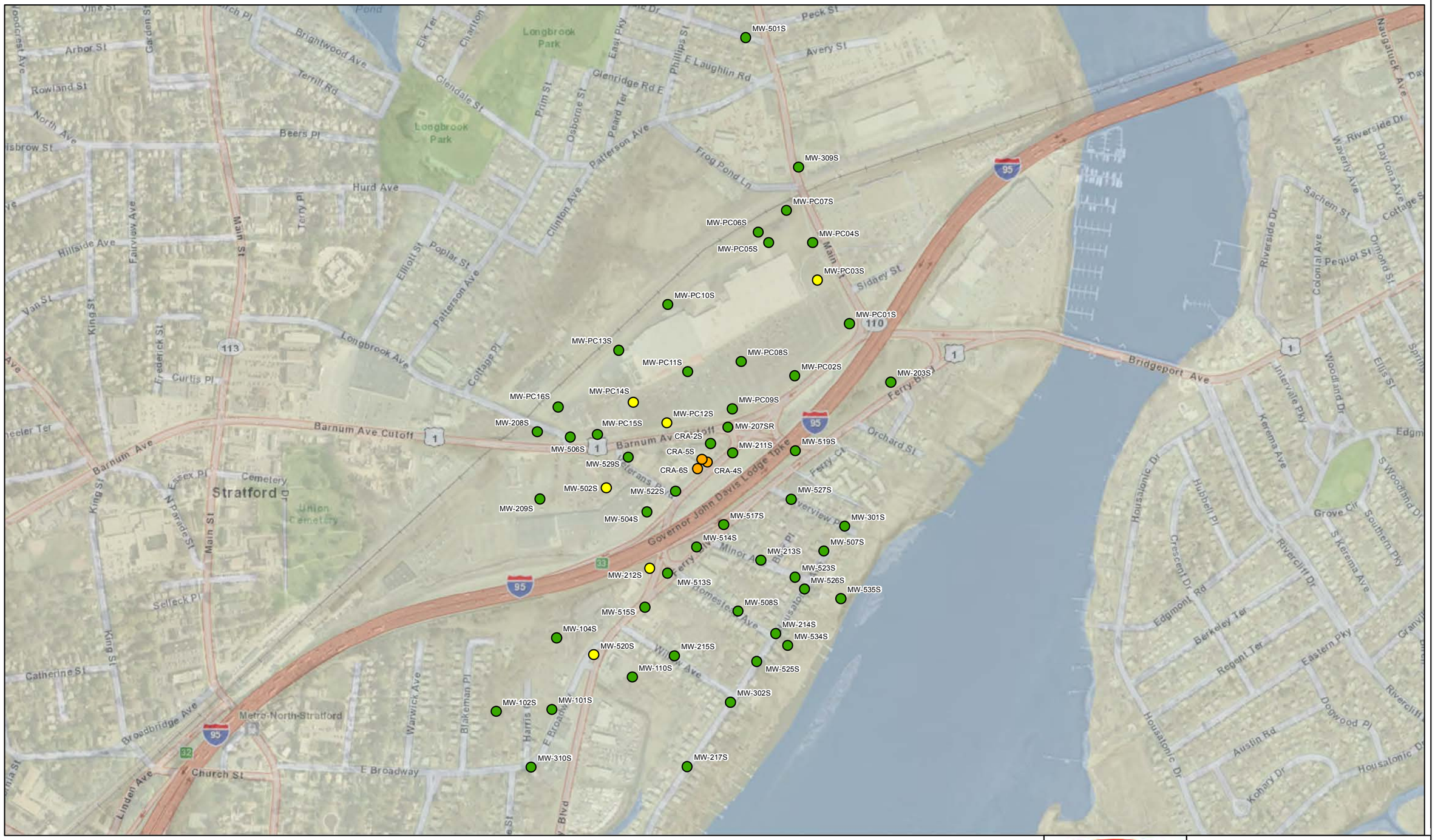
Cis-1,2-DCE was detected at 6 of the 25 sample locations. Once again, its distribution was similar to that for 1,1-DCE, with highest concentrations beneath portions of Ferry Boulevard and lesser concentrations detected along Housatonic Avenue and Riverview Place. The highest

concentration point of cis-1,2-DCE (2617 µg/m^3) was found at MW-518SG beneath Ferry Boulevard at Riverview Place.

Summary of 2003 and 2009 Soil Gas Sampling Results

1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and TCE were each detected in both 2003 and 2009; however, each was detected less frequently in 2009. Table 4-11 presents statistical summaries of the 2003 and 2009 soil gas sampling results from the mobile laboratory. The highest concentrations during both sampling rounds were detected along portions of Ferry Boulevard. 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, and TCE in both sampling rounds were also detected along Housatonic Avenue and Riverview Place and PCE in both sampling rounds was also detected along Riverview Place; however, concentrations at these locations were less than those reported along Ferry Boulevard.

Results are generally consistent between the two sampling rounds with some increases and some decreases in specific wells, but with highest concentrations detected along Ferry Boulevard and lesser concentrations along Housatonic Avenue and Riverview Place. It should be noted that the location of highest concentrations for 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, and PCE in the 2003 sampling (MW-517SG) could not be re-sampled during 2009 because the soil gas well was not found during the 2009 well inspection survey (it is believed to have been destroyed during I-95 construction activities). The 2009 results are also consistent with the 2002 results described in the 2005 RI Report.



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Residential Screening Level (≤ 1.4) or Non-Detect (U)
- 1 - 10 X Residential Screening Level (> 1.4 ≤ 14)
- 10 - 100 X Residential Screening Level (> 14 ≤ 140)
- > 100 X Residential Screening Level (> 140)

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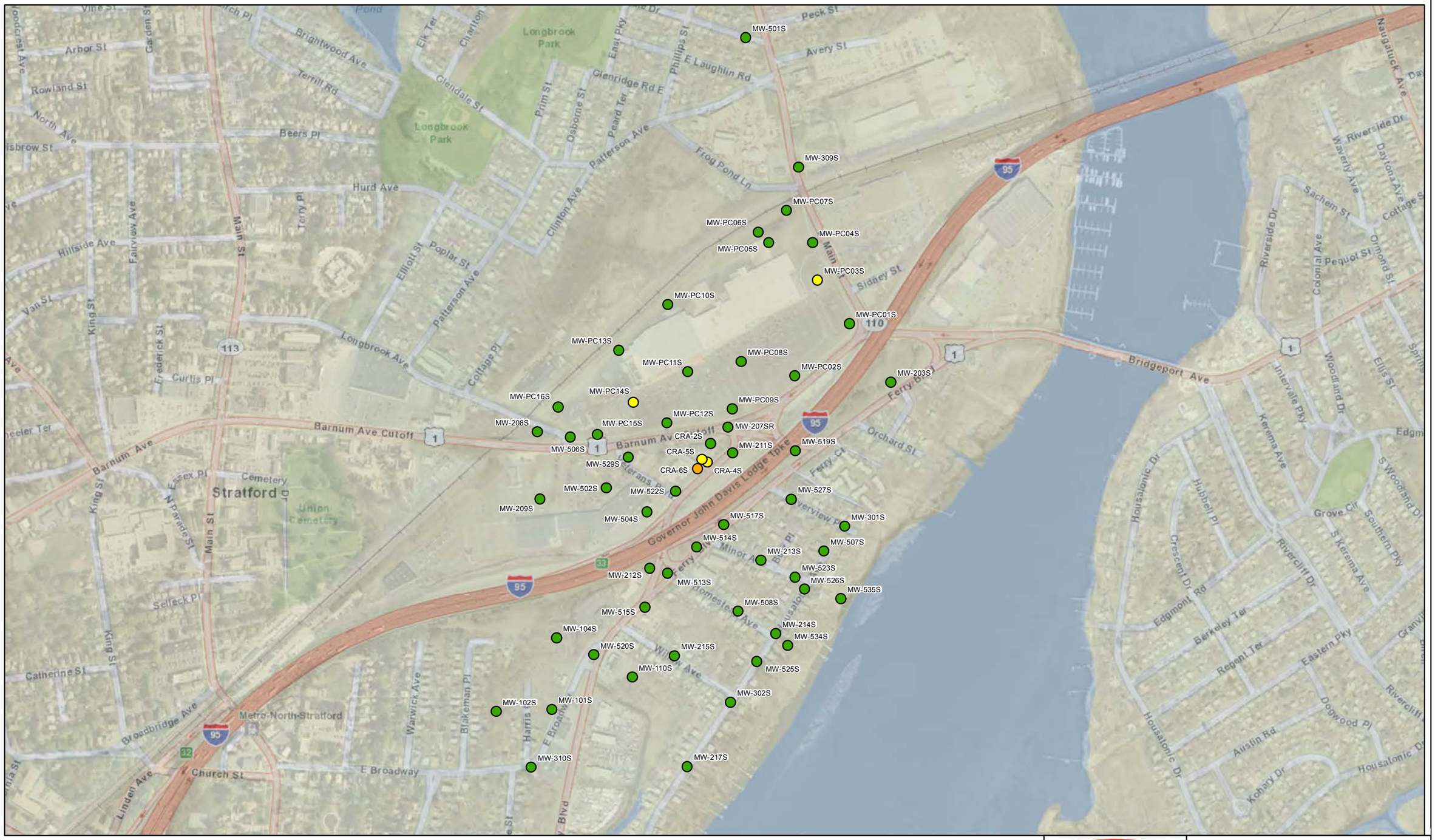
FIGURE C-1A

2009 SHALLOW GROUNDWATER BENZENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-1A_Raymark_2009_Benzene_Shallow_Res.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Industrial/Commercial Screening Level (≤ 6.9) or Non-Detect (U)
- 1 - 10 X Industrial/Commercial Screening Level (> 6.9 ≤ 69)
- 10 - 100 X Industrial/Commerciall Screening Level (> 69 ≤ 690)
- > 100 X Industrial/Commercial Screening Level (> 690)

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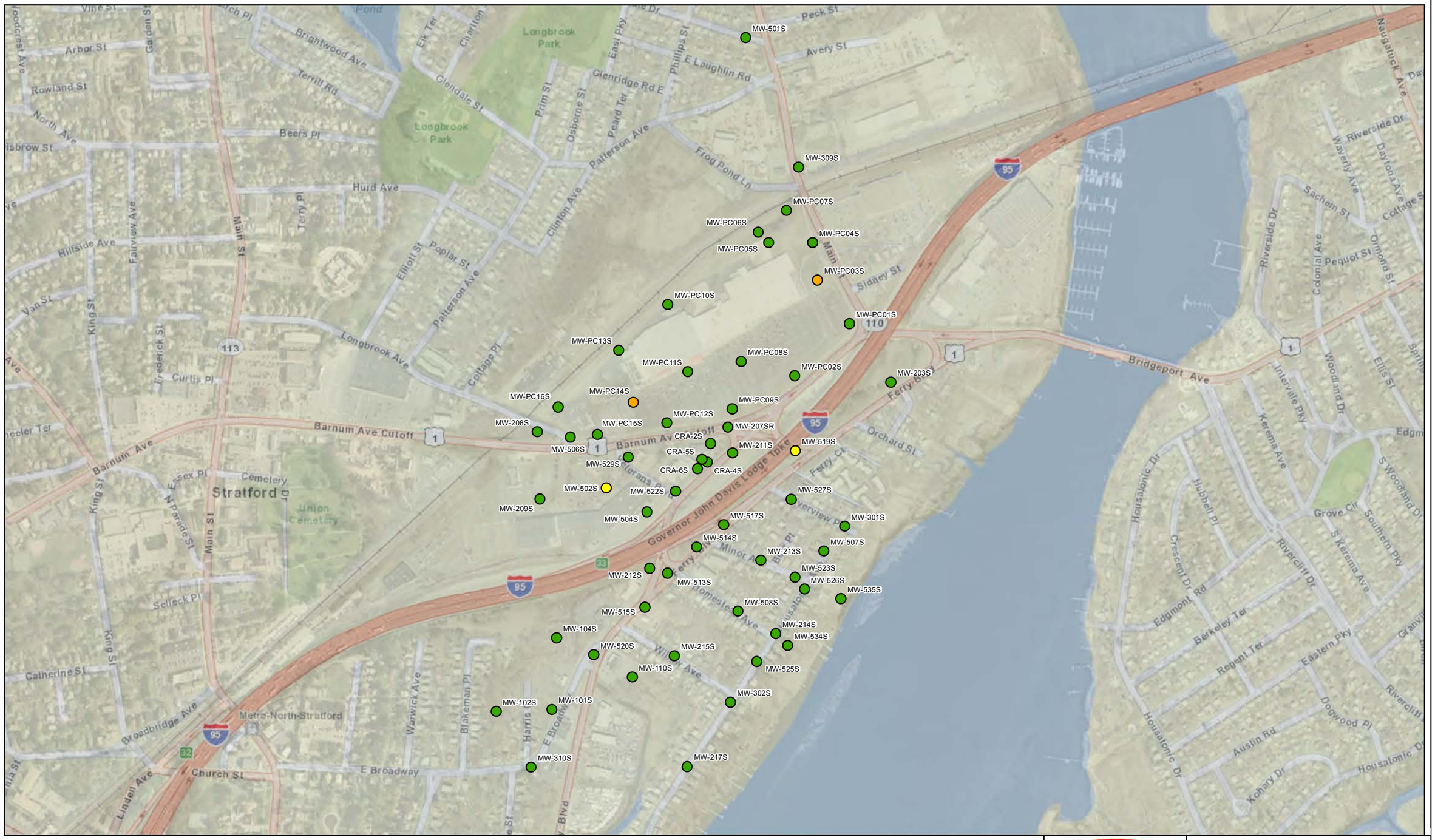
FIGURE C-1B

2009 SHALLOW GROUNDWATER
BENZENE RESULTS-INDUSTRIAL/COMM.
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-1B_Raymark_2009_Benzene_Shallow_Ind.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on non cancer HQ=0.1.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Residential Screening Level (≤ 41) or Non-Detect (U)
- 1 - 10 X Residential Screening Level (> 41 ≤ 410)
- 10 - 100 X Residential Screening Level (> 410 ≤ 4100)
- > 100 X Residential Screening Level (> 4100)

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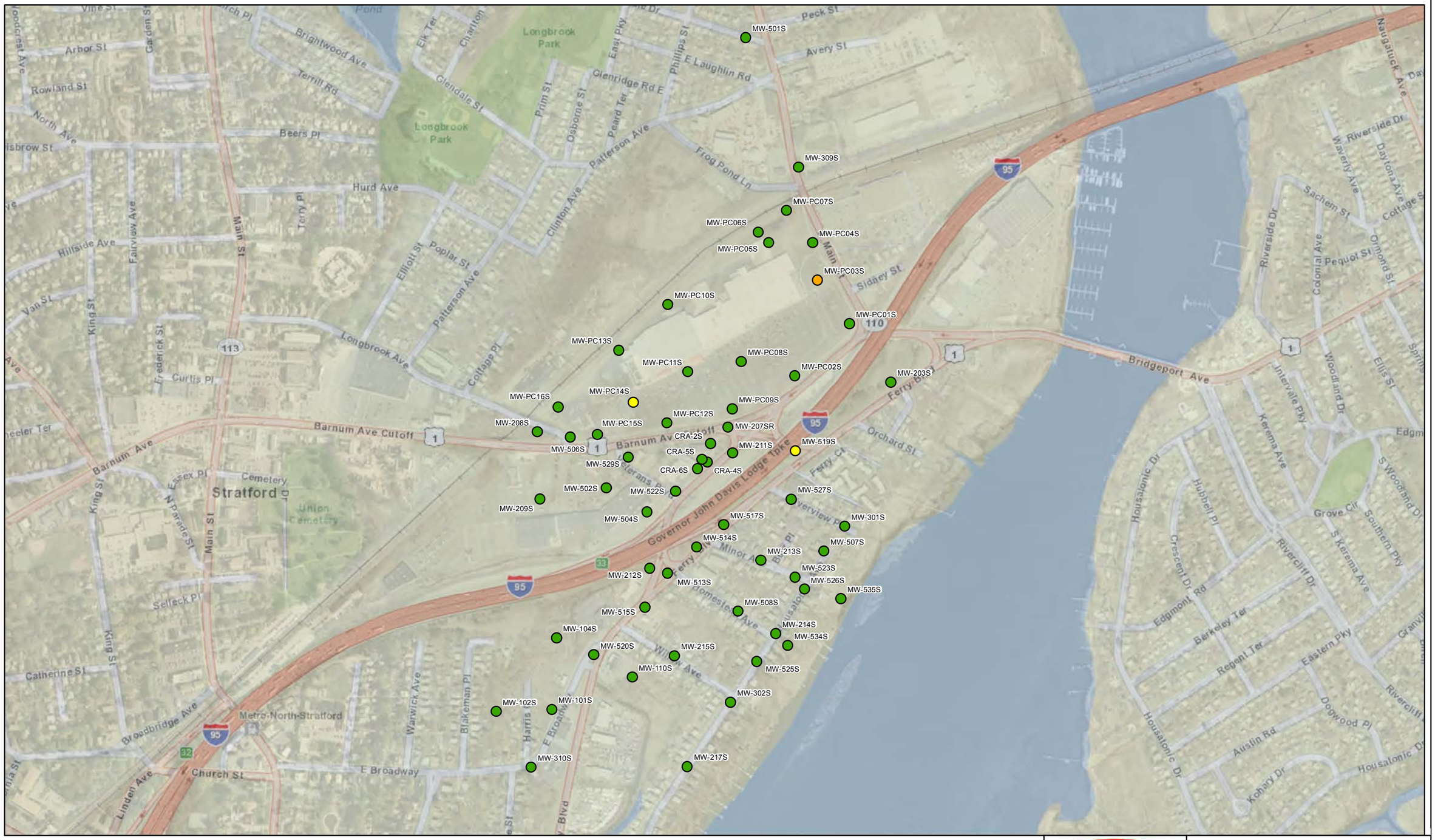
FIGURE C-2A

2009 SHALLOW GROUNDWATER CHLOROBENZENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-2A_Raymark_2009_CB_Shallow_Res.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on non cancer HQ=0.1.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Industrial/Commercial Screening Level (≤ 170) or Non-Detect (U)
- 1 - 10 X Industrial/Commercial Screening Level (> 170 ≤ 1700)
- 10 - 100 X Industrial/Commercial Screening Level (> 1700 ≤ 17000)
- > 100 X Industrial/Commercial Screening Level (> 17000)

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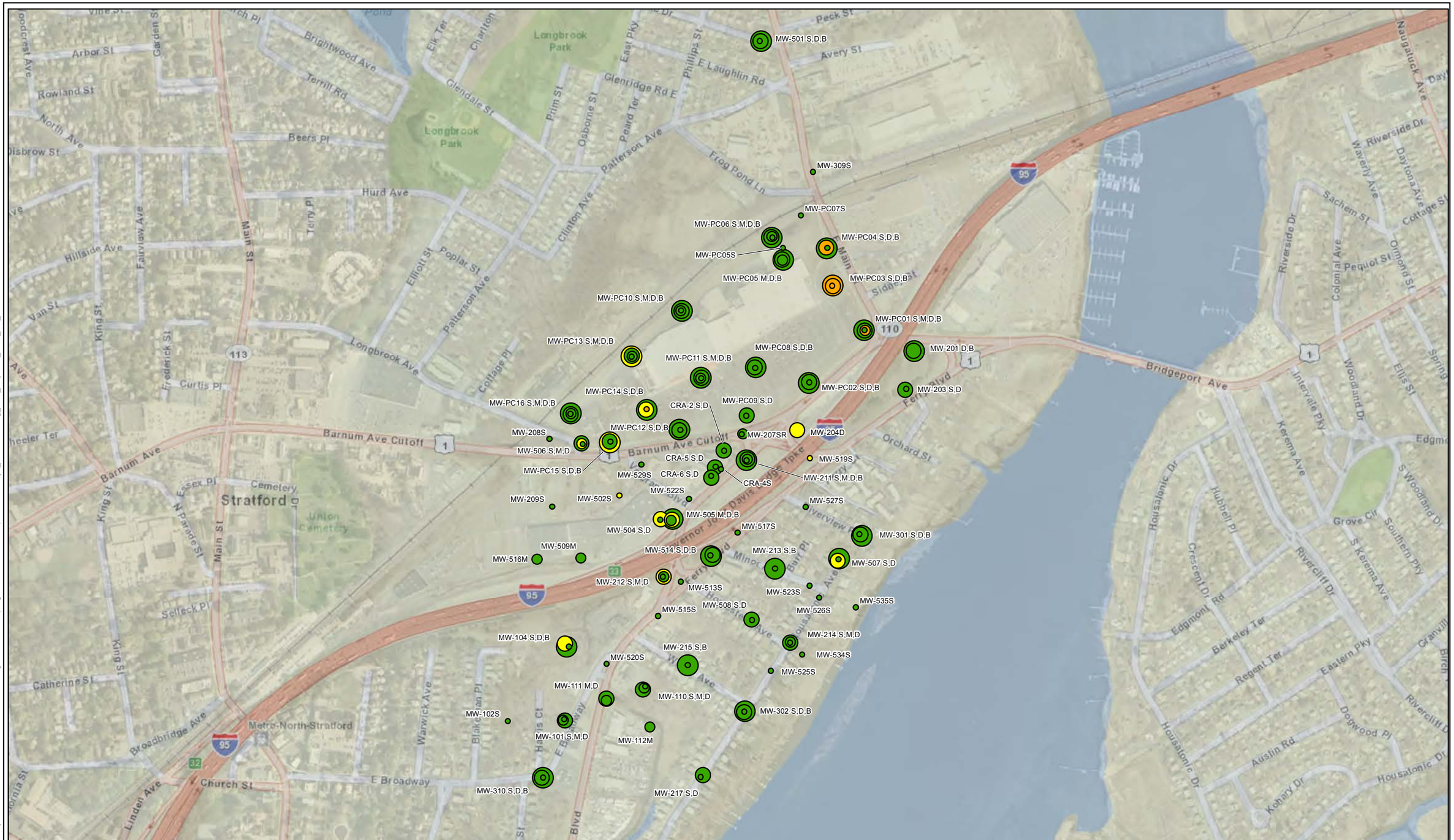
FIGURE C-2B

2009 SHALLOW GROUNDWATER
CHLOROBENZENE RESULTS-INDUST./COMM.
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-2B_Raymark_2009_CB_Shallow_Ind.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on non-cancer HQ=0.1.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤ 1 X Residential Screening Level (41) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (410)
- > 10 ≤ 100 X Residential Screening Level (4100)
- > 100 X Residential Screening Level (4100)

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FIGURE C-2C

2009 GROUNDWATER
CHLOROBENZENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

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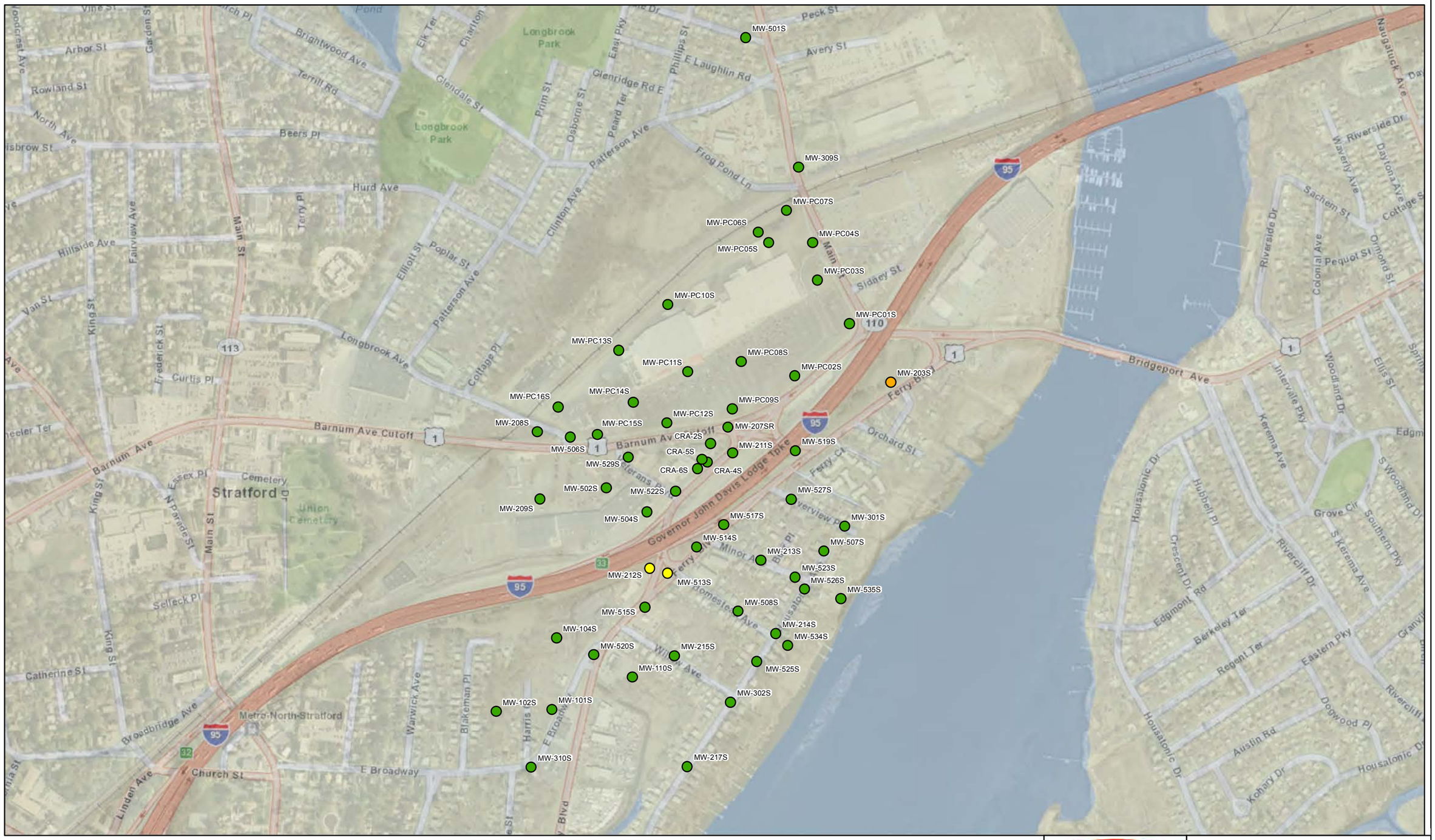

0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Residential Screening Level (≤ 0.71) or Non-Detect (U)
- 1 - 10 X Residential Screening Level (> 0.71 ≤ 7.1)
- 10 - 100 X Residential Screening Level (> 7.1 ≤ 71)
- > 100 X Residential Screening Level (> 71)

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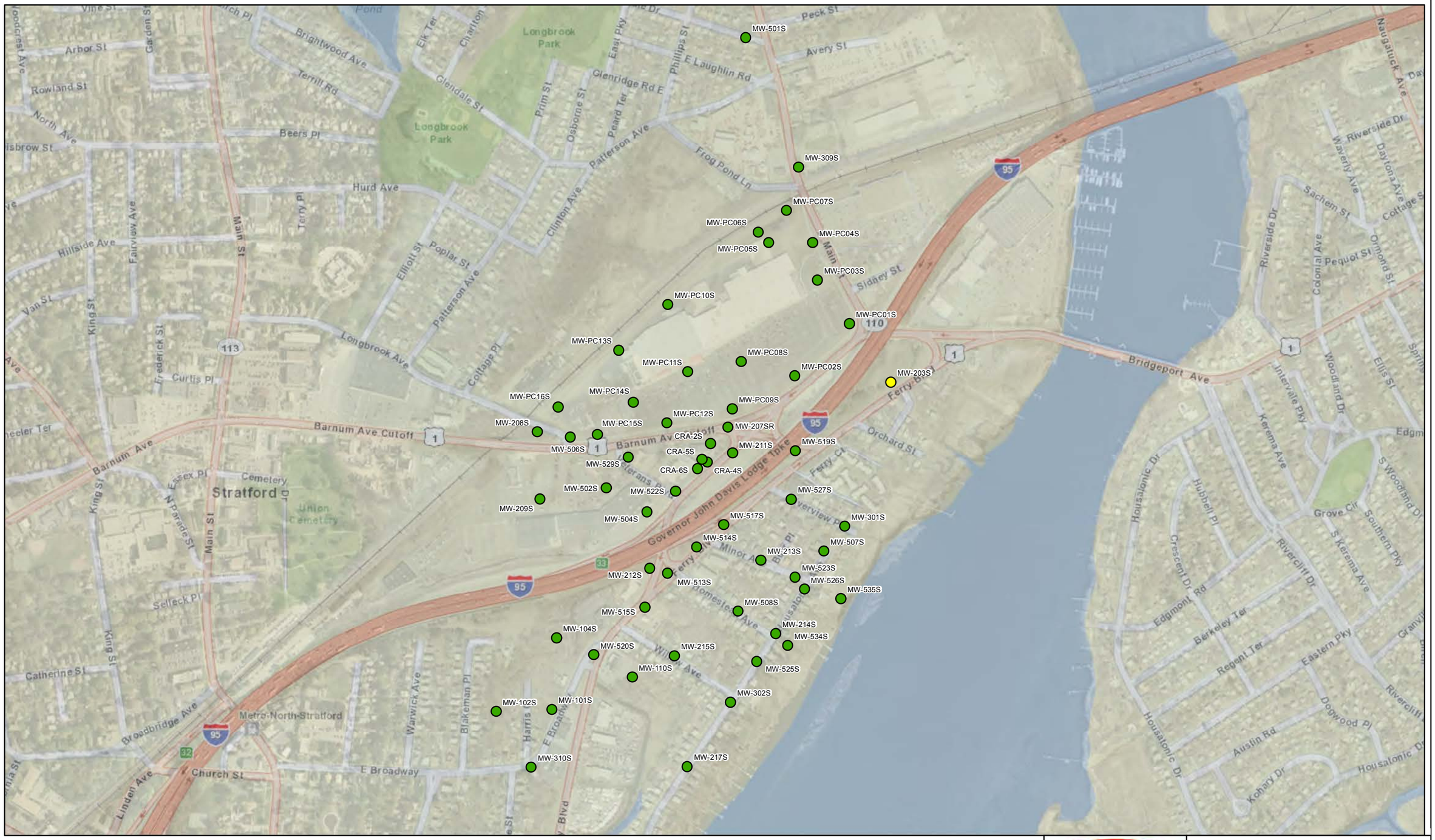
FIGURE C-3A

2009 SHALLOW GROUNDWATER CHLOROFORM RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-3A_Raymark_2009_Chloroform_Shallow_Res.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Industrial/Commercial Screening Level (≤ 3.6) or Non-Detect (U)
- 1 - 10 X Industrial/Commercial Screening Level (> 3.6 ≤ 36)
- 10 - 100 X Industrial/Commercial Screening Level (> 3.6 ≤ 360)
- > 100 X Industrial/Commercial Screening Level (> 360)

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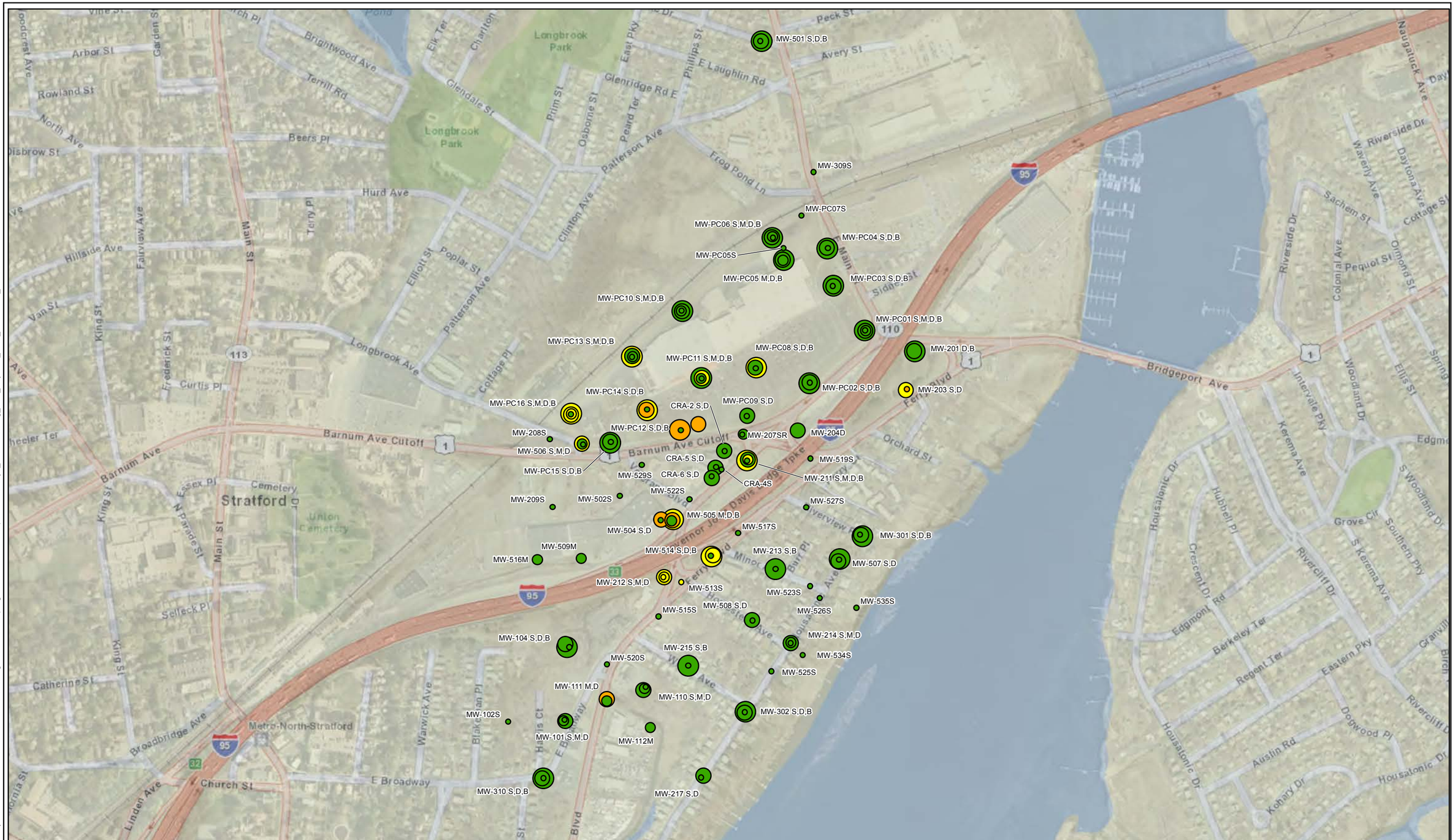
FIGURE C-3B

2009 SHALLOW GROUNDWATER CHLOROFORM RESULTS-INDUSTRIAL/COMM.
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-3B_Raymark_2009_Chloroform_Shallow_Ind.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (0.71) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (7.1)
- > 10 ≤ 100 X Residential Screening Level (71)
- > 100 X Residential Screening Level (71)

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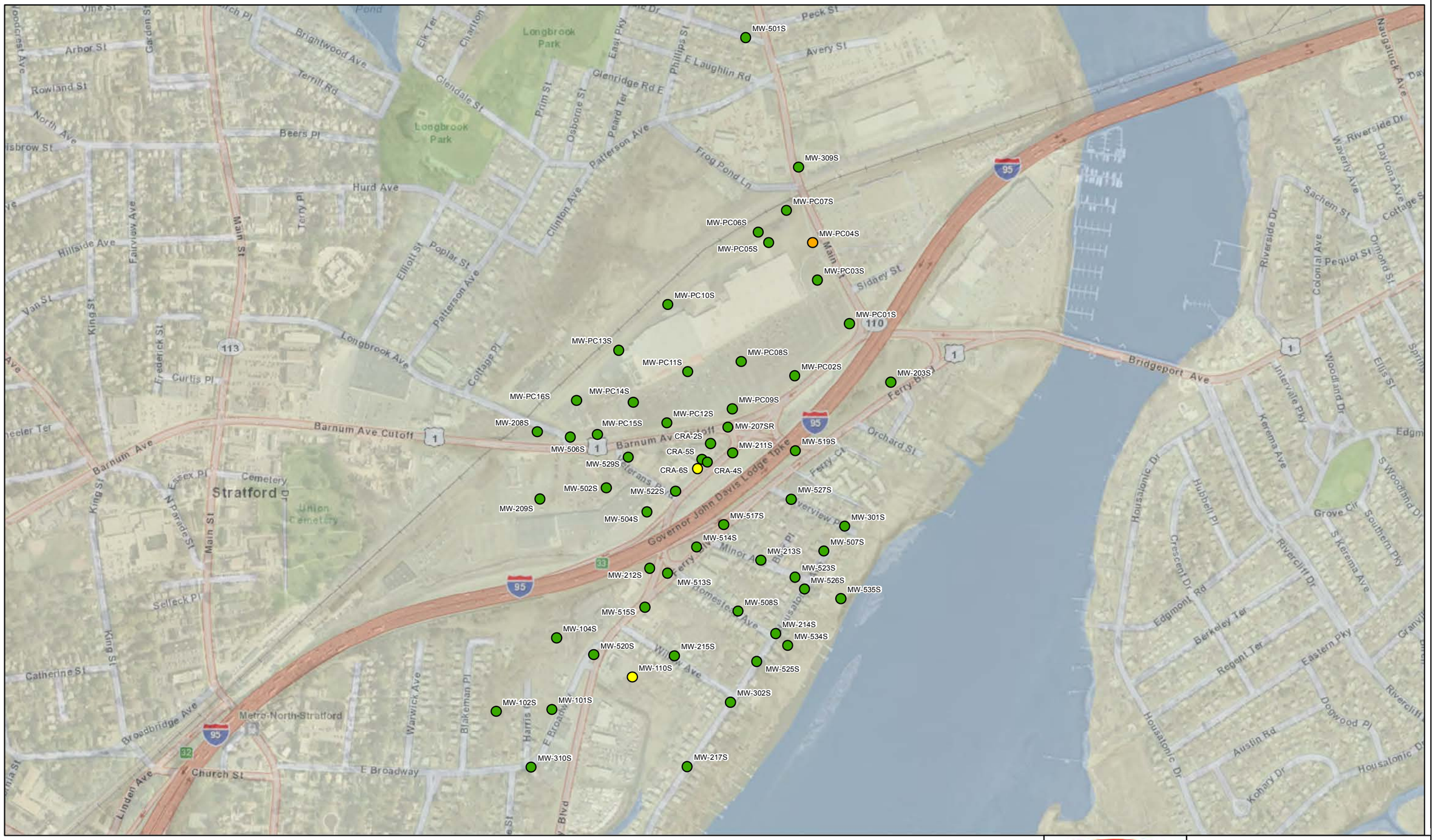
FIGURE C-3C

2009 GROUNDWATER
CHLOROFORM RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C3C_Raymark_2009_Chloroform_Res.mxd



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Residential Screening Level (≤ 3) or Non-Detect (U)
- 1 - 10 X Residential Screening Level (> 3 ≤ 30)
- 10 - 100 X Residential Screening Level (> 30 ≤ 300)
- > 100 X Residential Screening Level (> 300)

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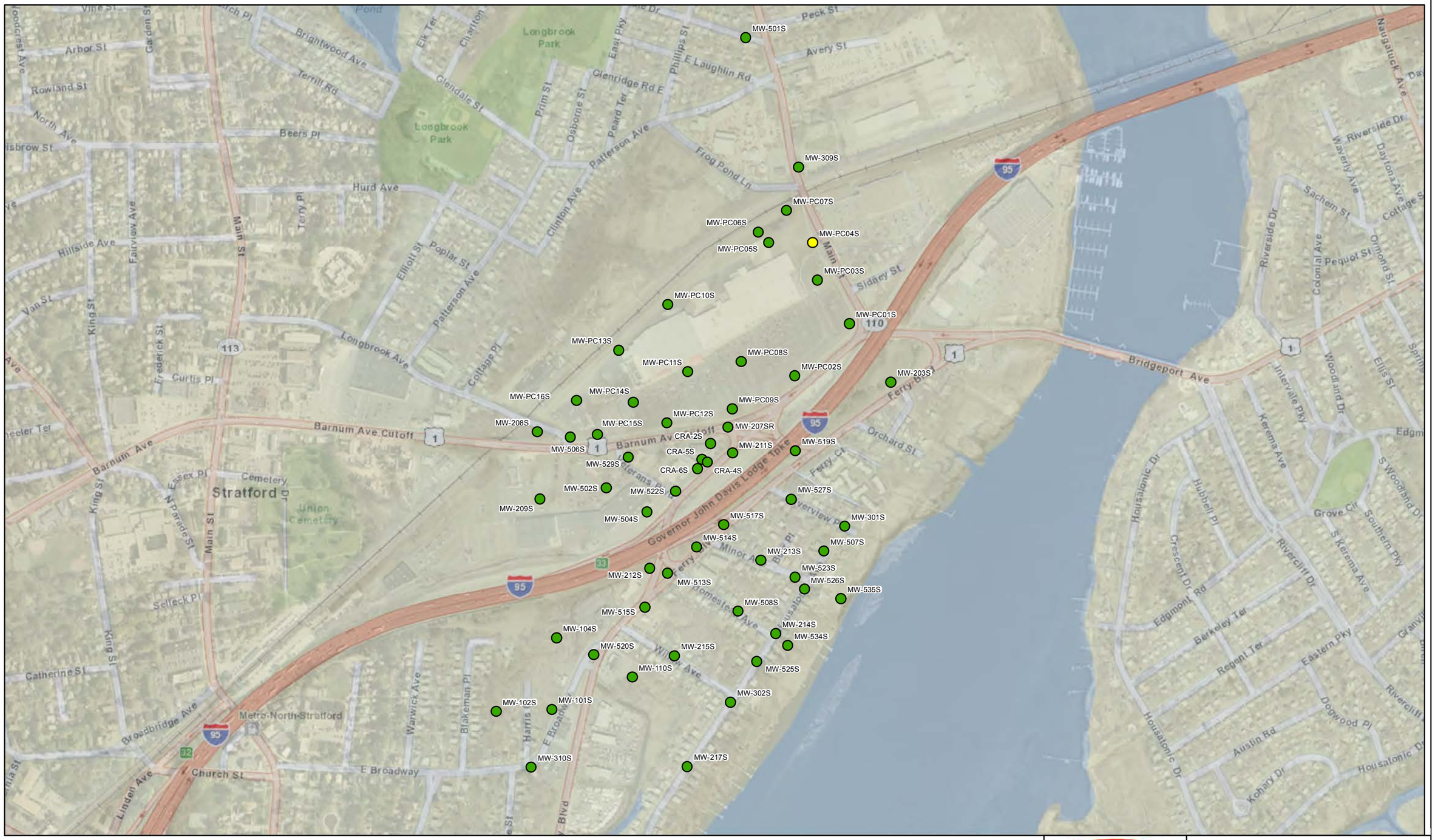
FIGURE C-4A

2009 SHALLOW GROUNDWATER ETHYLBENZENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-4A_Raymark_2009_EB_Shallow_Res.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the

Concentration Indicator (µg/L)[4]

- ≤ 1 X Industrial/Commercial Screening Level (≤ 15) or Non-Detect (U)
- 1 - 10 X Industrial/Commercial Screening Level (> 15 ≤ 150)
- 10 - 100 X Industrial/Commercial Screening Level (> 150 ≤ 1500)
- > 100 X Industrial/Commercial Screening Level (> 1500)

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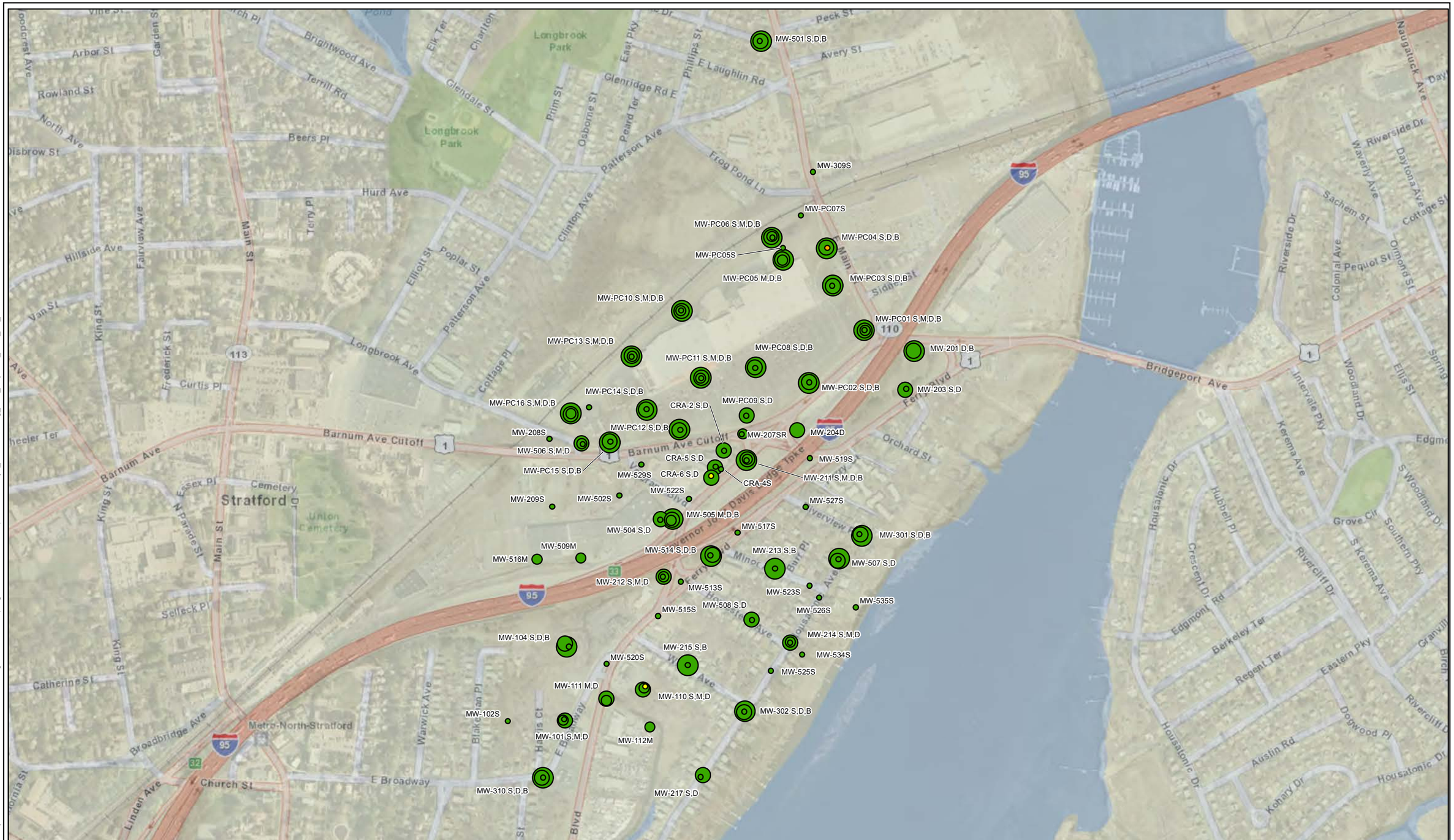
FIGURE C-4B

2009 SHALLOW GROUNDWATER
ETHYLBENZENE RESULTS-INDUSTRIAL/COMM.
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: DB
PROJECT NO. 80043	DATE: MAY 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater\Compounds\Shallow\C-Series Figures\Fig_C-4B_Raymark_2009_EB_Shallow_Ind.mxd Date Printed: 5/31/2012



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (3) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (30)
- > 10 ≤ 100 X Residential Screening Level (300)
- > 100 X Residential Screening Level (300)

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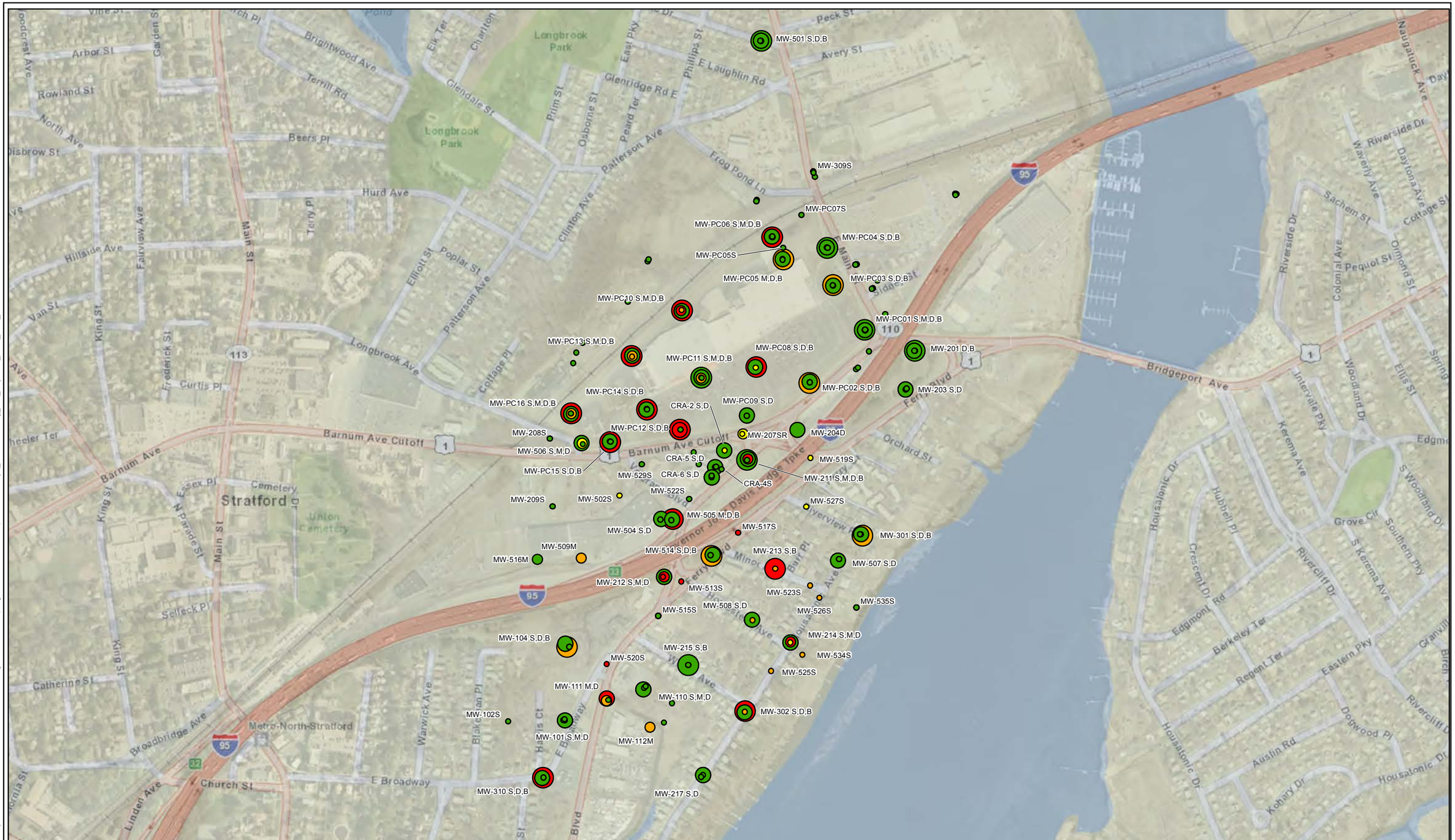
FIGURE C-4C

2009 GROUNDWATER
ETHYLBENZENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C4C_Raymark_2009_EB_Res.mxd



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (1.1) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (11)
- > 10 ≤ 100 X Residential Screening Level (110)
- > 100 X Residential Screening Level (110)

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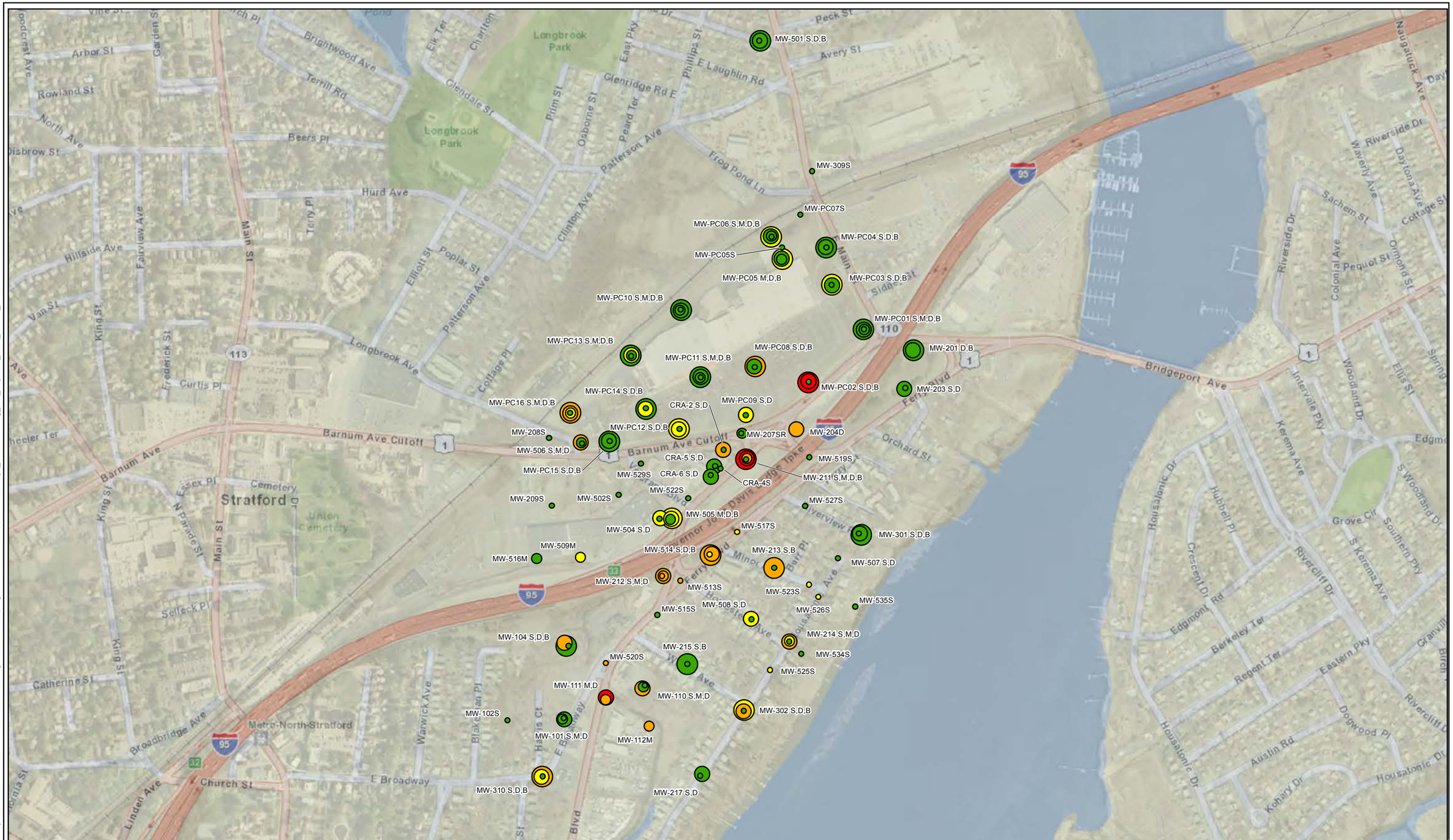
FIGURE C-5

2009 GROUNDWATER
TRICHLOROETHENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C-5_Raymark_2009_TCE_Res.mxd



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on non-cancer HQ=0.1.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (20) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (200)
- > 10 ≤ 100 X Residential Screening Level (2000)
- > 100 X Residential Screening Level (2000)

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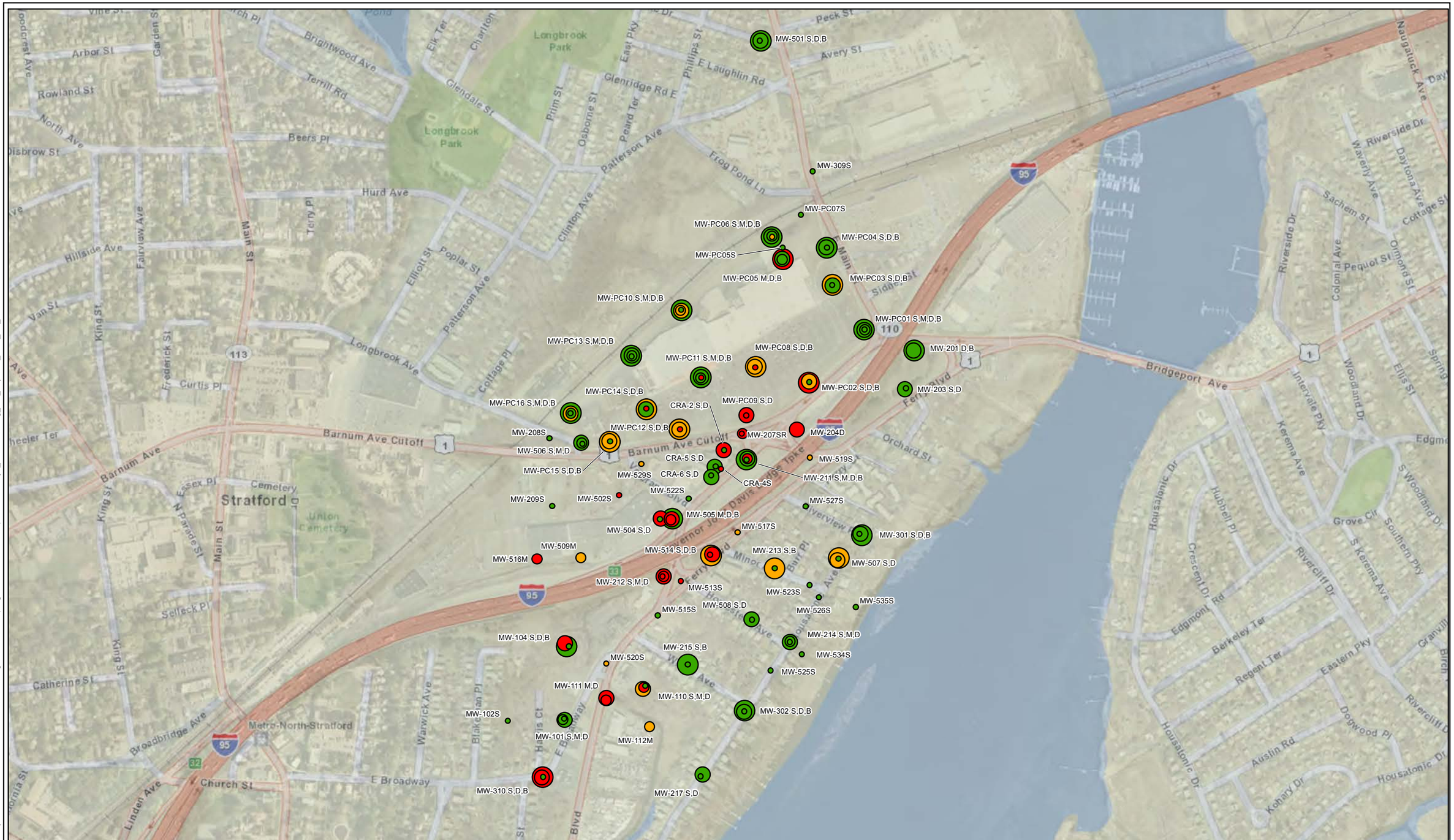
FIGURE C-6

2009 GROUNDWATER 1,1-DICHLOROETHENE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C-6_Raymark_2009_11DCE_Res.mxd



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (0.14) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (1.4)
- > 10 ≤ 100 X Residential Screening Level (14)
- > 100 X Residential Screening Level (14)

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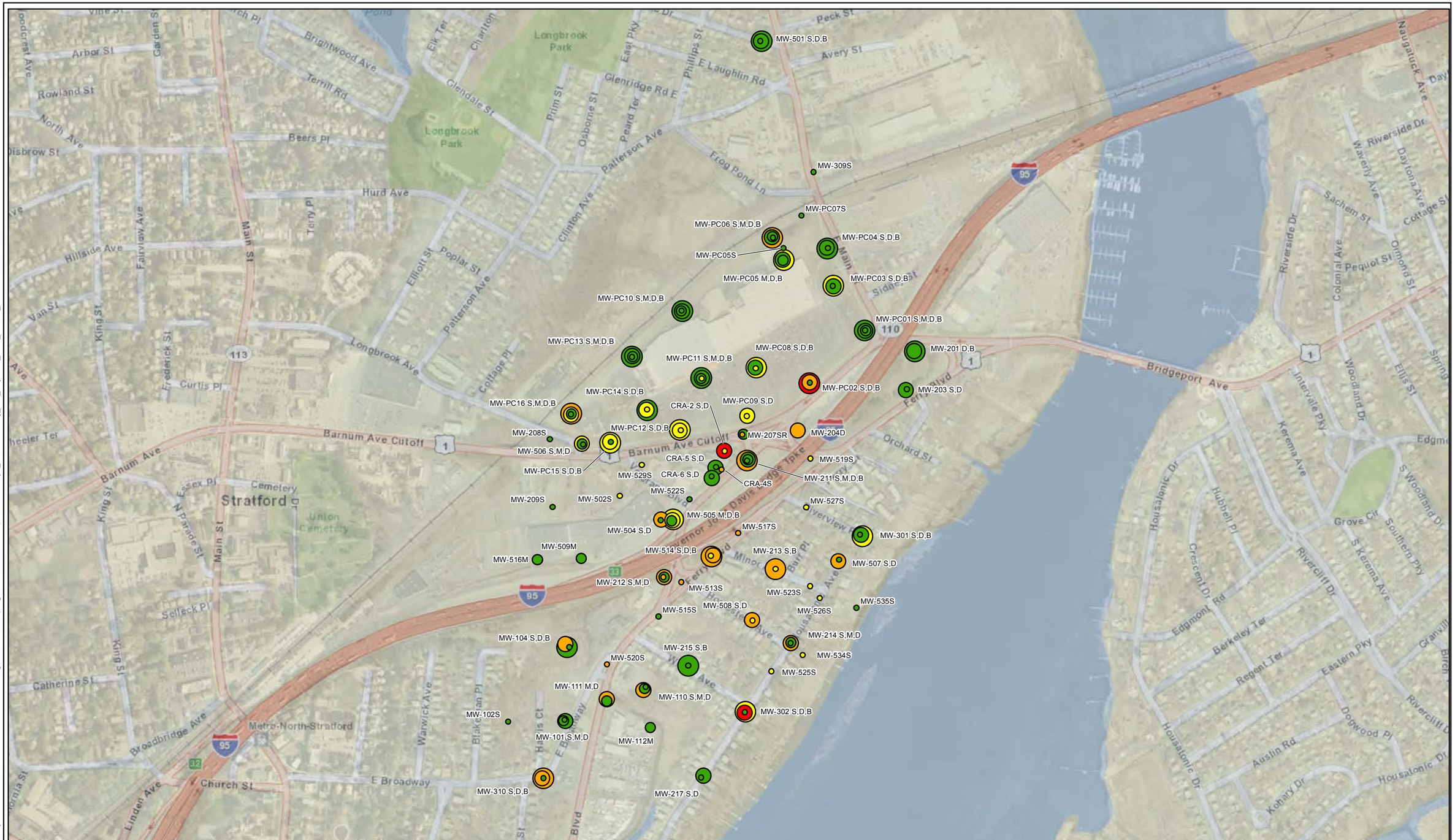
FIGURE C-7

2009 GROUNDWATER
VINYL CHLORIDE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C-7_Raymark_2009_VC_Res.mxd



0 250 500 1,000

Feet

1 inch = 600 feet

N

Notes:

1. Sampling occurred in October and November 2009.

2. If sample results were duplicated, the higher concentration is shown.

3. Residential Screening Level is based on cancer risk of 1 x 10^{-6}.

4. Location of all features is approximate. Map is for reference purposes only. Nobis Engineering, Inc. makes no warranties, representations - expressed or implied - relating to the completeness, accuracy, or reliability of the data shown.

Depth Indicator

- Shallow
- Intermediate
- Deep
- Bedrock

Concentration Indicator (µg/L)

- ≤1 X Residential Screening Level (6.6) or Non-Detect (U)
- > 1 ≤ 10 X Residential Screening Level (66)
- > 10 ≤ 100 X Residential Screening Level (660)
- > 100 X Residential Screening Level (660)

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FIGURE C-8

2009 GROUNDWATER 1,1-DICHLOROETHANE RESULTS - RESIDENTIAL
RAYMARK SUPERFUND SITE
STRATFORD, CONNECTICUT

PREPARED BY: JH	CHECKED BY: CW
PROJECT NO. 80043	DATE: APRIL 2012

Path: R:\80000 Task Orders\80043 Raymark OU2 RI-FS\Technical Data\GIS Data\Figures\2012 Sampling\Groundwater 6 Compounds\Bullseye_Residential\Fig_C-8_Raymark_2009_11DCA_Res.mxd

APPENDIX D

APPENDIX D

2012 ADJUSTED VAPOR INTRUSION SCREENING AND COMPARISON LEVEL CALCULATIONS

D-1 2012 Adjusted Residential Vapor Intrusion Screening Levels – Cancer Risk = $1x10^{-6}$ and HQ = 0.1

D-2 2012 Adjusted Industrial/Commercial Vapor Intrusion Screening Levels – Cancer Risk = $1x10^{-6}$ and HQ = 0.1

Appendix D-1
2012 Adjusted Residential Vapor Intrusion Screening Levels -
Cancer Risk = $1x10^{-6}$ and HQ = 0.1
Raymark - OU2 - Groundwater
Stratford, Connecticut

OSWER VAPOR INTRUSION ASSESSMENT
Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Residential	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	0.1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (^{o}C)	Tgw	25	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	(ug/m^3)$^{-1}$		(mg/m^3)		
67-64-1	Acetone	Yes	Yes	3.2E+03	NC	3.2E+04	NVT			3.10E+01	A	
107-13-1	Acrylonitrile	Yes	Yes	3.6E-02	C	3.6E-01	6.3E+00	6.80E-05	I	2.00E-03	I	
107-05-1	Allyl Chloride	Yes	Yes	1.0E-01	NC	1.0E+00	2.3E-01	6.00E-06	CA	1.00E-03	I	
71-43-2	Benzene	Yes	Yes	3.1E-01	C	3.1E+00	1.4E+00	7.80E-06	I	3.00E-02	I	
100-44-7	Benzyl Chloride	Yes	Yes	5.0E-02	C	5.0E-01	2.9E+00	4.90E-05	CA	1.00E-03	P	
108-86-1	Bromobenzene	Yes	Yes	6.3E+00	NC	6.3E+01	6.2E+01			6.00E-02	I	
74-97-5	Bromochloromethane	Yes	Yes	4.2E+00	NC	4.2E+01	7.0E+01			4.00E-02	X	
75-27-4	Bromodichloromethane	Yes	Yes	6.6E-02	C	6.6E-01	7.6E-01	3.70E-05	CA			
106-99-0	Butadiene, 1,3-	Yes	Yes	8.1E-02	C	8.1E-01	2.7E-02	3.00E-05	I	2.00E-03	I	
104-51-8	Butylbenzene, n-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
75-15-0	Carbon Disulfide	Yes	Yes	7.3E+01	NC	7.3E+02	1.2E+02			7.00E-01	I	
56-23-5	Carbon Tetrachloride	Yes	Yes	4.1E-01	C	4.1E+00	3.6E-01	6.00E-06	I	1.00E-01	I	
108-90-7	Chlorobenzene	Yes	Yes	5.2E+00	NC	5.2E+01	4.1E+01			5.00E-02	P	
124-48-1	Dibromochloromethane	Yes	Yes	9.0E-02	C	9.0E-01	2.8E+00	2.70E-05	CA			
75-00-3	Ethyl Chloride	Yes	Yes	1.0E+03	NC	1.0E+04	2.3E+03			1.00E+01	I	
67-66-3	Chloroform	Yes	Yes	1.1E-01	C	1.1E+00	7.1E-01	2.30E-05	I	9.80E-02	A	
95-49-8	Chlorotoluene, o-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
106-43-4	Chlorotoluene, p-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
98-82-8	Cumene	Yes	Yes	4.2E+01	NC	4.2E+02	NVT			4.00E-01	I	
110-82-7	Cyclohexane	Yes	Yes	6.3E+02	NC	6.3E+03	NVT			6.00E+00	I	
96-12-8	Dibromo-3-chloropropane, 1,2-	Yes	Yes	1.6E-04	C	1.6E-03	2.7E-02	6.00E-03	P	2.00E-04	I	Mut
106-93-4	Dibromoethane, 1,2-	Yes	Yes	4.1E-03	C	4.1E-02	1.5E-01	6.00E-04	I	9.00E-03	I	
95-50-1	Dichlorobenzene, 1,2-	Yes	Yes	2.1E+01	NC	2.1E+02	NVT			2.00E-01	H	
106-46-7	Dichlorobenzene, 1,4-	Yes	Yes	2.2E-01	C	2.2E+00	2.2E+00	1.10E-05	CA	8.00E-01	I	
75-71-8	Dichlorodifluoromethane	Yes	Yes	1.0E+01	NC	1.0E+02	7.4E-01			1.00E-01	X	
75-34-3	Dichloroethane, 1,1-	Yes	Yes	1.5E+00	C	1.5E+01	6.6E+00	1.60E-06	CA			
107-06-2	Dichloroethane, 1,2-	Yes	Yes	9.4E-02	C	9.4E-01	1.9E+00	2.60E-05	I	7.00E-03	P	
75-35-4	Dichloroethylene, 1,1-	Yes	Yes	2.1E+01	NC	2.1E+02	2.0E+01			2.00E-01	I	
540-59-0	Dichloroethylene, 1,2- (Mixed Isomers)	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
156-59-2	Dichloroethylene, 1,2-cis-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
156-60-5	Dichloroethylene, 1,2-trans-	Yes	Yes	6.3E+00	NC	6.3E+01	3.8E+01			6.00E-02	P	
78-87-5	Dichloropropane, 1,2-	Yes	Yes	2.4E-01	C	2.4E+00	2.1E+00	1.00E-05	CA	4.00E-03	I	
142-28-9	Dichloropropane, 1,3-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
100-41-4	Ethylbenzene	Yes	Yes	9.7E-01	C	9.7E+00	3.0E+00	2.50E-06	CA	1.00E+00	I	
110-54-3	Hexane, N-	Yes	Yes	7.3E+01	NC	7.3E+02	9.9E-01			7.00E-01	I	
591-78-6	Hexanone, 2-	Yes	Yes	3.1E+00	NC	3.1E+01	8.2E+02			3.00E-02	I	
79-20-9	Methyl Acetate	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
74-83-9	Bromomethane	Yes	Yes	5.2E-01	NC	5.2E+00	1.7E+00			5.00E-03	I	
74-87-3	Chloromethane	Yes	Yes	9.4E+00	NC	9.4E+01	2.6E+01			9.00E-02	I	
74-95-3	Dibromomethane (Methylene Bromide)	Yes	Yes	4.2E-01	NC	4.2E+00	1.2E+01			4.00E-03	X	
75-09-2	Methylene Chloride	Yes	Yes	5.2E+00	C	5.2E+01	3.9E+01	4.70E-07	I	1.00E+00	A	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Yes	Yes	5.2E+02	NC	5.2E+03	NVT			5.00E+00	I	
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	Yes	Yes	3.1E+02	NC	3.1E+03	NVT			3.00E+00	I	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	Yes	Yes	9.4E+00	C	9.4E+01	3.9E+02	2.60E-07	CA	3.00E+00	I	
91-20-3	Naphthalene	Yes	Yes	7.2E-02	C	7.2E-01	4.0E+00	3.40E-05	CA	3.00E-03	I	
103-65-1	Propyl benzene	Yes	Yes	1.0E+02	NC	1.0E+03	NVT			1.00E+00	X	
100-42-5	Styrene	Yes	Yes	1.0E+02	NC	1.0E+03	NVT			1.00E+00	I	
630-20-6	Tetrachloroethane, 1,1,1,2-	Yes	Yes	3.3E-01	C	3.3E+00	3.2E+00	7.40E-06	I			

Appendix D-1
2012 Adjusted Residential Vapor Intrusion Screening Levels -
Cancer Risk = $1x10^{-6}$ and HQ = 0.1
Raymark - OU2 - Groundwater
Stratford, Connecticut

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	(ug/m^3)$^{-1}$		(mg/m^3)		
79-34-5	Tetrachloroethane, 1,1,2,2-	Yes	Yes	4.2E-02	C	4.2E-01	2.8E+00	5.80E-05	CA			
127-18-4	Tetrachloroethylene	Yes	Yes	4.2E+00	NC	4.2E+01	5.8E+00	2.60E-07	I	4.00E-02	I	
108-88-3	Toluene	Yes	Yes	5.2E+02	NC	5.2E+03	NVT			5.00E+00	I	
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Yes	Yes	3.1E+03	NC	3.1E+04	1.5E+02			3.00E+01	H	
87-61-6	Trichlorobenzene, 1,2,3-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
120-82-1	Trichlorobenzene, 1,2,4-	Yes	Yes	2.1E-01	NC	2.1E+00	3.6E+00			2.00E-03	P	
71-55-6	Trichloroethane, 1,1,1-	Yes	Yes	5.2E+02	NC	5.2E+03	7.4E+02			5.00E+00	I	
79-00-5	Trichloroethane, 1,1,2-	Yes	Yes	2.1E-02	NC	2.1E-01	6.2E-01	1.60E-05	I	2.00E-04	X	
79-01-6	Trichloroethylene	Yes	Yes	2.1E-01	NC	2.1E+00	5.2E-01	see note	I	2.00E-03	I	TCE
75-69-4	Trichlorofluoromethane	Yes	Yes	7.3E+01	NC	7.3E+02	1.8E+01			7.00E-01	H	
96-18-4	Trichloropropane, 1,2,3-	Yes	Yes	3.1E-02	NC	3.1E-01	2.2E+00			3.00E-04	I	Mut
95-63-6	Trimethylbenzene, 1,2,4-	Yes	Yes	7.3E-01	NC	7.3E+00	2.9E+00			7.00E-03	P	
108-67-8	Trimethylbenzene, 1,3,5-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
108-05-4	Vinyl Acetate	Yes	Yes	2.1E+01	NC	2.1E+02	1.0E+03			2.00E-01	I	
593-60-2	Vinyl Bromide	Yes	No	7.6E-02	C	7.6E-01	NVT	3.20E-05	H	3.00E-03	I	
75-01-4	Vinyl Chloride	Yes	Yes	1.6E-01	C	1.6E+00	1.4E-01	4.40E-06	I	1.00E-01	I	VC
1330-20-7	Xylenes	Yes	Yes	1.0E+01	NC	1.0E+02	4.9E+01			1.00E-01	I	
108-38-3	Xylene, m-	Yes	Yes	1.0E+01	NC	1.0E+02	3.6E+01			1.00E-01	S	
95-47-6	Xylene, o-	Yes	Yes	1.0E+01	NC	1.0E+02	4.9E+01			1.00E-01	S	
106-42-3	Xylene, p-	Yes	Yes	1.0E+01	NC	1.0E+02	3.7E+01			1.00E-01	S	

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	**Units**	**Residential Symbol**	**Residential Value**	**Commercial Symbol**	**Commercial Value**	**Selected (based on scenario in cell E5) Symbol**	**Selected Value**
Averaging time for carcinogens	(yrs)	ATc_R	70	ATc_C	70	ATc	70
Averaging time for non-carcinogens	(yrs)	ATnc_R	30	ATnc_C	25	ATnc	30
Exposure duration	(yrs)	ED_R	30	ED_C	25	ED	30
Exposure frequency	(days/yr)	EF_R	350	EF_C	250	EF	350
Exposure time	(hr/day)	ET_R	24	ET_C	8	ET	24

(2) **Generic Attenuation Factors:**

Source Medium of Vapors		**Residential Symbol**	**Residential Value**	**Commercial Symbol**	**Commercial Value**	**Selected (based on scenario in cell E5) Symbol**	**Selected Value**
Groundwater	(-)	AFgw_R	0.001	AFgw_C	0.001	AFgw	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R	0.1	AFss_C	0.1	AFss	0.1

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET

(4) **Special Case Chemicals**

Trichloroethylene	**Residential Symbol**	**Residential Value**	**Commercial Symbol**	**Commercial Value**	**Selected (based on scenario in cell E5) Symbol**	**Selected Value**
	mIURTCE_R	1.00E-06	mIURTCE_C	0.00E+00	mIURTCE	1.00E-06
	IURTCE_R	3.10E-06	IURTCE_C	4.10E-06	IURTCE	3.10E-06

Mutagenic Chemicals — The exposure durations and age-dependent adjustment factors for mutagenic-mode-of-action are listed in the table below:

Note: This section applies to trichloroethylene and other mutagenic chemicals, but not to vinyl chloride.

Age Cohort	**Exposure Duration (years)**	**Age-dependent adjustment factor**
0 - 2 years	2	10
2 - 6 years	4	3
6 - 16 years	10	3
16 - 30 years	14	1

Mutagenic-mode-of-action (MMOA) adjustment facto 76 — This factor is used in the equations for mutagenic chemicals.

Vinyl Chloride — See the Navigation Guide equation for Cia,c for vinyl chloride.

Appendix D-1
2012 Adjusted Residential Vapor Intrusion Screening Levels -
Cancer Risk = $1x10^{-6}$ and HQ = 0.1
Raymark - OU2 - Groundwater
Stratford, Connecticut

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	$(ug/m^3)^{-1}$		(mg/m^3)		

Notation:
NVT = Not sufficiently volatile and/or toxic to pose inhalation risk in selected exposure scenario for the indicated medium
C = Carcinogenic
NC = Non-carcinogenic
I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at: http://www.epa.gov/iris/subst/index.html
P = PPRTV. EPA Provisional Peer Reviewed Toxicity Values (PPRTVs). Available online at: http://hhpprtv.ornl.gov/pprtv.shtml
A = Agency for Toxic Substances and Disease Registry (ATSDR) Minimum Risk Levels (MRLs). Available online at: http://www.atsdr.cdc.gov/mrls/index.html
CA = California Environmental Protection Agency/Office of Environmental Health Hazard Assessment assessments. Available online at:
H = HEAST. EPA Superfund Health Effects Assessment Summary Tables (HEAST) database. Available online at: http://epa-heast.ornl.gov/heast.shtml
S = See RSL User Guide, Section 5
X = PPRTV Appendix
E = The Engineering ToolBox. Available online at http://www.engineeringtoolbox.com/explosive-concentration-limits-d_423.html
N = Centers for Disease Control and Prevention (CDC) National Institute for Occupational Safety and Health (NIOSH). Pocket Guide to Chemical Hazards. Available online at:
M = Chemical-specific MSDS
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user.
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS), which generally should not be changed.
*Refer to your Risk Assessor regarding screening levels based on toxicity values derived from sources "A", "CA" or "H" where the other toxicity value is derived from a top tier source (IRIS or PPRTV).
Specific chemicals that are included in this category are highlighted tan in columns Q through W.

Appendix D-2
2012 Adjusted Industrial/Commercial Vapor Intrusion Screening Levels -
Cancer Risk = $1x10^{-6}$ and HQ = 0.1
Raymark - OU2 - Groundwater
Stratford, Connecticut

OSWER VAPOR INTRUSION ASSESSMENT
Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	0.1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (^{o}C)	Tgw	25	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	(ug/m^3)$^{-1}$		(mg/m^3)		
67-64-1	Acetone	Yes	Yes	1.4E+04	NC	1.4E+05	NVT			3.10E+01	A	
107-13-1	Acrylonitrile	Yes	Yes	1.8E-01	C	1.8E+00	3.2E+01	6.80E-05	I	2.00E-03	I	
107-05-1	Allyl Chloride	Yes	Yes	4.4E-01	NC	4.4E+00	9.7E-01	6.00E-06	CA	1.00E-03	I	
71-43-2	Benzene	Yes	Yes	1.6E+00	C	1.6E+01	6.9E+00	7.80E-06	I	3.00E-02	I	
100-44-7	Benzyl Chloride	Yes	Yes	2.5E-01	C	2.5E+00	1.5E+01	4.90E-05	CA	1.00E-03	P	
108-86-1	Bromobenzene	Yes	Yes	2.6E+01	NC	2.6E+02	2.6E+02			6.00E-02	I	
74-97-5	Bromochloromethane	Yes	Yes	1.8E+01	NC	1.8E+02	2.9E+02			4.00E-02	X	
75-27-4	Bromodichloromethane	Yes	Yes	3.3E-01	C	3.3E+00	3.8E+00	3.70E-05	CA			
106-99-0	Butadiene, 1,3-	Yes	Yes	4.1E-01	C	4.1E+00	1.4E-01	3.00E-05	I	2.00E-03	I	
104-51-8	Butylbenzene, n-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
75-15-0	Carbon Disulfide	Yes	Yes	3.1E+02	NC	3.1E+03	5.2E+02			7.00E-01	I	
56-23-5	Carbon Tetrachloride	Yes	Yes	2.0E+00	C	2.0E+01	1.8E+00	6.00E-06	I	1.00E-01	I	
108-90-7	Chlorobenzene	Yes	Yes	2.2E+01	NC	2.2E+02	1.7E+02			5.00E-02	P	
124-48-1	Dibromochloromethane	Yes	Yes	4.5E-01	C	4.5E+00	1.4E+01	2.70E-05	CA			
75-00-3	Ethyl Chloride	Yes	Yes	4.4E+03	NC	4.4E+04	NVT			1.00E+01	I	
67-66-3	Chloroform	Yes	Yes	5.3E-01	C	5.3E+00	3.6E+00	2.30E-05	I	9.80E-02	A	
95-49-8	Chlorotoluene, o-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
106-43-4	Chlorotoluene, p-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
98-82-8	Cumene	Yes	Yes	1.8E+02	NC	1.8E+03	NVT			4.00E-01	I	
110-82-7	Cyclohexane	Yes	Yes	2.6E+03	NC	2.6E+04	NVT			6.00E+00	I	
96-12-8	Dibromo-3-chloropropane, 1,2-	Yes	Yes	2.0E-03	C	2.0E-02	3.4E-01	6.00E-03	P	2.00E-04	I	Mut
106-93-4	Dibromoethane, 1,2-	Yes	Yes	2.0E-02	C	2.0E-01	7.7E-01	6.00E-04	I	9.00E-03	I	
95-50-1	Dichlorobenzene, 1,2-	Yes	Yes	8.8E+01	NC	8.8E+02	NVT			2.00E-01	H	
106-46-7	Dichlorobenzene, 1,4-	Yes	Yes	1.1E+00	C	1.1E+01	1.1E+01	1.10E-05	CA	8.00E-01	I	
75-71-8	Dichlorodifluoromethane	Yes	Yes	4.4E+01	NC	4.4E+02	3.1E+00			1.00E-01	X	
75-34-3	Dichloroethane, 1,1-	Yes	Yes	7.7E+00	C	7.7E+01	3.3E+01	1.60E-06	CA			
107-06-2	Dichloroethane, 1,2-	Yes	Yes	4.7E-01	C	4.7E+00	9.8E+00	2.60E-05	I	7.00E-03	P	
75-35-4	Dichloroethylene, 1,1-	Yes	Yes	8.8E+01	NC	8.8E+02	8.2E+01			2.00E-01	I	
540-59-0	Dichloroethylene, 1,2- (Mixed Isomers)	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
156-59-2	Dichloroethylene, 1,2-cis-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
156-60-5	Dichloroethylene, 1,2-trans-	Yes	Yes	2.6E+01	NC	2.6E+02	1.6E+02			6.00E-02	P	
78-87-5	Dichloropropane, 1,2-	Yes	Yes	1.2E+00	C	1.2E+01	1.1E+01	1.00E-05	CA	4.00E-03	I	
142-28-9	Dichloropropane, 1,3-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
100-41-4	Ethylbenzene	Yes	Yes	4.9E+00	C	4.9E+01	1.5E+01	2.50E-06	CA	1.00E+00	I	
110-54-3	Hexane, N-	Yes	Yes	3.1E+02	NC	3.1E+03	4.2E+00			7.00E-01	I	
591-78-6	Hexanone, 2-	Yes	Yes	1.3E+01	NC	1.3E+02	3.4E+03			3.00E-02	I	
79-20-9	Methyl Acetate	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
74-83-9	Bromomethane	Yes	Yes	2.2E+00	NC	2.2E+01	7.3E+00			5.00E-03	I	
74-87-3	Chloromethane	Yes	Yes	3.9E+01	NC	3.9E+02	1.1E+02			9.00E-02	I	
74-95-3	Dibromomethane (Methylene Bromide)	Yes	Yes	1.8E+00	NC	1.8E+01	5.2E+01			4.00E-03	X	
75-09-2	Methylene Chloride	Yes	Yes	2.6E+01	C	2.6E+02	2.0E+02	4.70E-07	I	1.00E+00	A	
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Yes	Yes	2.2E+03	NC	2.2E+04	NVT			5.00E+00	I	
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-penta	Yes	Yes	1.3E+03	NC	1.3E+04	NVT			3.00E+00	I	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	Yes	Yes	4.7E+01	C	4.7E+02	2.0E+03	2.60E-07	CA	3.00E+00	I	
91-20-3	Naphthalene	Yes	Yes	3.6E-01	C	3.6E+00	2.0E+01	3.40E-05	CA	3.00E-03	I	

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Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	0.1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (^{o}C)	Tgw	25	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	(ug/m^3)$^{-1}$		(mg/m^3)		
103-65-1	Propyl benzene	Yes	Yes	4.4E+02	NC	4.4E+03	NVT			1.00E+00	X	
100-42-5	Styrene	Yes	Yes	4.4E+02	NC	4.4E+03	NVT			1.00E+00	I	
630-20-6	Tetrachloroethane, 1,1,1,2-	Yes	Yes	1.7E+00	C	1.7E+01	1.6E+01	7.40E-06	I			
79-34-5	Tetrachloroethane, 1,1,2,2-	Yes	Yes	2.1E-01	C	2.1E+00	1.4E+01	5.80E-05	CA			
127-18-4	Tetrachloroethylene	Yes	Yes	1.8E+01	NC	1.8E+02	2.4E+01	2.60E-07	I	4.00E-02	I	
108-88-3	Toluene	Yes	Yes	2.2E+03	NC	2.2E+04	NVT			5.00E+00	I	
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	Yes	Yes	1.3E+04	NC	1.3E+05	NVT			3.00E+01	H	
87-61-6	Trichlorobenzene, 1,2,3-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
120-82-1	Trichlorobenzene, 1,2,4-	Yes	Yes	8.8E-01	NC	8.8E+00	1.5E+01			2.00E-03	P	
71-55-6	Trichloroethane, 1,1,1-	Yes	Yes	2.2E+03	NC	2.2E+04	NVT			5.00E+00	I	
79-00-5	Trichloroethane, 1,1,2-	Yes	Yes	8.8E-02	NC	8.8E-01	2.6E+00	1.60E-05	I	2.00E-04	X	
79-01-6	Trichloroethylene	Yes	Yes	8.8E-01	NC	8.8E+00	2.2E+00	see note	I	2.00E-03	I	TCE
75-69-4	Trichlorofluoromethane	Yes	Yes	3.1E+02	NC	3.1E+03	7.7E+01			7.00E-01	H	
96-18-4	Trichloropropane, 1,2,3-	Yes	Yes	1.3E-01	NC	1.3E+00	9.4E+00			3.00E-04	I	Mut
95-63-6	Trimethylbenzene, 1,2,4-	Yes	Yes	3.1E+00	NC	3.1E+01	1.2E+01			7.00E-03	P	
108-67-8	Trimethylbenzene, 1,3,5-	No Inhal. Tox. Info	No Inhal. Tox. Info	--	--	--	--					
108-05-4	Vinyl Acetate	Yes	Yes	8.8E+01	NC	8.8E+02	4.2E+03			2.00E-01	I	
593-60-2	Vinyl Bromide	Yes	No	3.8E-01	C	3.8E+00	NVT	3.20E-05	H	3.00E-03	I	
75-01-4	Vinyl Chloride	Yes	Yes	2.8E+00	C	2.8E+01	2.5E+00	4.40E-06	I	1.00E-01	I	VC
1330-20-7	Xylenes	Yes	Yes	4.4E+01	NC	4.4E+02	NVT			1.00E-01	I	
108-38-3	Xylene, m-	Yes	Yes	4.4E+01	NC	4.4E+02	1.5E+02			1.00E-01	S	
95-47-6	Xylene, o-	Yes	Yes	4.4E+01	NC	4.4E+02	NVT			1.00E-01	S	
106-42-3	Xylene, p-	Yes	Yes	4.4E+01	NC	4.4E+02	1.6E+02			1.00E-01	S	

Notes:

(1) **Inhalation Pathway Exposure Parameters (RME):**

Exposure Scenario	Units	Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected Value
Averaging time for carcinogens	(yrs)	ATc_R	70	ATc_C	70	ATc	70
Averaging time for non-carcinogens	(yrs)	ATnc_R	30	ATnc_C	25	ATnc	25
Exposure duration	(yrs)	ED_R	30	ED_C	25	ED	25
Exposure frequency	(days/yr)	EF_R	350	EF_C	250	EF	250
Exposure time	(hr/day)	ET_R	24	ET_C	8	ET	8

(2) **Generic Attenuation Factors**:

Source Medium of Vapors		Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected Value
Groundwater	(-)	AFgw_R	0.001	AFgw_C	0.001	AFgw	0.001
Sub-Slab and Exterior Soil Gas	(-)	AFss_R	0.1	AFss_C	0.1	AFss	0.1

(3) **Formulas**

Cia, target = MIN(Cia,c; Cia,nc)
Cia,c (ug/m3) = TCR x ATc x (365 days/yr) x (24 hrs/day) / (ED x EF x ET x IUR
Cia,nc (ug/m3) = THQ x ATnc x (365 days/yr) x (24 hrs/day) x RfC x (1000 ug/mg) / (ED x EF x ET

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Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR	1.00E-06	Enter target risk for carcinogens
Target Hazard Quotient for Non-Carcinogens	THQ	0.1	Enter target hazard quotient for non-carcinogens
Average Groundwater Temperature (^oC)	Tgw	25	Enter average of the stabilized groundwater temperature to correct Henry's Law Constant for groundwater target concentrations

CAS	Chemical Name	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Soil Source?	Is Chemical Sufficiently Volatile and Toxic to Pose Inhalation Risk Via Vapor Intrusion from Groundwater Source?	Target Indoor Air Conc. @ TCR = 0.000001 or THQ = 0.1	Toxicity Basis	Target Sub-Slab and Exterior Soil Gas Conc. @ TCR = 0.000001 or THQ = 0.1	Target Ground Water Conc. @ TCR = 0.000001 or THQ = 0.1	Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
		Cvp > Cia,target/AFss?	Cvp > Cia,target/AFgw?	MIN(Cia,c;Cia,nc)		Csg	Cgw	IUR		RfC		i
		Yes/No	Yes/No	(ug/m^3)	C/NC	(ug/m^3)	(ug/L)	(ug/m^3)$^{-1}$		(mg/m^3)		

(4) **Special Case Chemicals**
Trichloroethylene

Residential Symbol	Residential Value	Commercial Symbol	Commercial Value	Selected (based on scenario in cell E5) Symbol	Selected (based on scenario in cell E5) Value
mIURTCE_R	1.00E-06	mIURTCE_C	0.00E+00	mIURTCE	0.00E+00
IURTCE_R	3.10E-06	IURTCE_C	4.10E-06	IURTCE	4.10E-06

Vinyl Chloride — See the Navigation Guide equation for Cia,c for vinyl chloride.

Notation:
NVT = Not sufficiently volatile and/or toxic to pose inhalation risk in selected exposure scenario for the indicated medium
C = Carcinogenic
NC = Non-carcinogenic
I = IRIS: EPA Integrated Risk Information System (IRIS). Available online at: http://www.epa.gov/iris/subst/index.html
P = PPRTV. EPA Provisional Peer Reviewed Toxicity Values (PPRTVs). Available online at: http://hhpprtv.ornl.gov/pprtv.shtml
A = Agency for Toxic Substances and Disease Registry (ATSDR) Minimum Risk Levels (MRLs). Available online at: http://www.atsdr.cdc.gov/mrls/index.html
CA = California Environmental Protection Agency/Office of Environmental Health Hazard Assessment assessments. Available online at:
H = HEAST. EPA Superfund Health Effects Assessment Summary Tables (HEAST) database. Available online at: http://epa-heast.ornl.gov/heast.shtml
S = See RSL User Guide, Section 5
X = PPRTV Appendix
E = The Engineering ToolBox. Available online at http://www.engineeringtoolbox.com/explosive-concentration-limits-d_423.html
N = Centers for Disease Control and Prevention (CDC) National Institute for Occupational Safety and Health (NIOSH). Pocket Guide to Chemical Hazards. Available online at:
M = Chemical-specific MSDS
Mut = Chemical acts according to the mutagenic-mode-of-action, special exposure parameters apply (see footnote (4) above).
VC = Special exposure equation for vinyl chloride applies (see Navigation Guide for equation).
TCE = Special mutagenic and non-mutagenic IURs for trichloroethylene apply (see footnote (4) above).
Yellow highlighting indicates site-specific parameters that may be edited by the user.
Blue highlighting indicates exposure factors that are based on Risk Assessment Guidance for Superfund (RAGS), which generally should not be changed.

*Refer to your Risk Assessor regarding screening levels based on toxicity values derived from sources "A", "CA" or "H" where the other toxicity value is derived from a top tier source (IRIS or PPRTV).
Specific chemicals that are included in this category are highlighted tan in columns Q through W.

APPENDIX E

APPENDIX E

WELL-BY-WELL 2002/3 AND 2009/10 GROUNDWATER SAMPLING RESULTS

E-1 Well-by-Well 2002/3 and 2009/10 Groundwater Sampling Results – Overburden Monitoring Wells

E-2 Well-by-Well 2002/3 and 2009/10 Groundwater Sampling Results – Bedrock Monitoring Wells

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	CRA-2D	CRA-2D	CRA-2S	CRA-2S	CRA-4D	CRA-4S	CRA-5D	CRA-5D	CRA-5S	CRA-5S	CRA-6D	CRA-6D	CRA-6S	CRA-6S	CRA-6S	MW-101D	MW-101D	MW-101M	MW-101M	MW-101S	MW-101S	MW-102S
Sample Location	OU2-MW-CRA2D-07	OU2-CRA-2D	OU2-MW-CRA2S-07	OU2-CRA-2S	OU2-CRA-4D	OU2-CRA-4S	OU2-MW-CRA5D-07	OU2-CRA-5D	OU2-MW-CRA5S-07	OU2-CRA-5S	OU2-MW-CRA6D-07	OU2-CRA-6D	OU2-MW-CRA6S-07	OU2-MW-DUP24-07	OU2-CRA-6S	OU2-MW-101D-07	OU2-MW-101D	OU2-MW-101M-07	OU2-MW-101M	OU2-MW-101S-07	OU2-MW-101S	OU2-MW-102S-07
Date Sampled	1/28/2003	11/5/2009	1/28/2003	11/5/2009	11/5/2009	11/5/2009	1/28/2003	11/9/2009	1/28/2003	11/9/2009	1/28/2003	11/6/2009	1/28/2003	1/28/2003	11/6/2009	12/4/2002	11/5/2009	12/4/2002	11/5/2009	12/10/2002	11/9/2009	12/12/2002
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	Field Dup. OU2-MW-CRA6S-07	Field Dup. OU2-MW-CRA6S-07	None	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	10000 *	6900 D	5 J	98 D	2100 D	11	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	2 J
1,1,2-TRICHLOROETHANE	6 J	4.4 J	10 U	0.5 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
1,1-DICHLOROETHANE	1900 *	2100 D	1 J	36 D	1000 D	210 D	230	5 U	10 U	5 U	10 U	5 U	1 J	2 J	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
1,1-DICHLOROETHENE	3000 *J	1000 D	0.9 U	10 J	310 D	2.6 J	0.9 UJ	5 U	0.9 U	1.2 J	0.9 U	5 U	0.9 U	0.9 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
1,2-DICHLOROETHANE	10 U	5 U	10 U	0.5 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
BENZENE	10 U	5 U	10 U	0.5 U	5 U	41	140	7.9	2300 *J	51	540 *	42	4500 *	4800 *	81	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
CHLOROBENZENE	9 J	4.8 J	10 U	0.5 U	3.9 J	5 U	3 J	3.6 J	10 U	5 U	2 J	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
CHLOROFORM	2 J	5 U	6 J	0.4 J	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
ETHYLBENZENE	10 U	5 U	10 U	0.5 U	5 U	5 U	10 U	5 U	2 J	1.4 J	2 J	5 U	7 J	12	3.6 J	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
m,p-Xylene	NA	5 U	NA	0.5 U	5 U	5 U	NA	5 U	NA	5 U	NA	5 U	NA	NA	5 U	NA	5 U	NA	0.5 U	NA	0.5 U	NA
METHYL TERT-BUTYL ETHER	10 U	5 U	10 U	0.5 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 UJ	10 U	5 U	10 U	5 U	1 J	0.5 U	10 U	0.5 U	10 U
METHYLENE CHLORIDE	10 U	5 U	10 UJ	0.5 U	5 U	5 U	10 UJ	5 U	10 U	5 U	10 UJ	5 U	10 U	10 UJ	5 U	10 U	5 U	10 U	0.5 U	10 UJ	0.5 U	10 U
TETRACHLOROETHENE	3 J	2.8 J	10 U	0.5 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
TRICHLOROETHENE	1800 *	730 D	2 J	10 J	190	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U
VINYL CHLORIDE	300	270 DJ	1 U	0.5 U	190	23	5	5 U	1 U	5 U	1 U	5 U	1 U	1 U	5 U	1 U	5 U	1 U	0.5 U	1 U	0.5 U	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	3 UJ	1.6 J	2.3 U	1.1 J	3.3 J	4.7 J	31.3	13.6 J	6.8 U	3 J	29	22.7 J	21.1	21.9	23.4 J	5 U	1 U	17.5	8.6 J	15.8 UJ	9.1 J	110
BERYLLIUM	0.25 U	5 UJ	0.24 U	5 UJ	5 U	5 U	0.28 U	5 UJ	0.26 U	5 UJ	0.28 U	5 UJ	0.25 U	0.28 U	5 UJ	0.9 U	5 U	0.9 U	5 U	0.1 U	5 UJ	NA R
CADMIUM	0.68 UJ	5 U	19.3	5.9	5 UJ	76.6 J	0.5 U	5 U	0.5 U	5 U	0.5 U	5 U	0.5 U	0.5 U	5 U	0.7 U	5 UJ	0.7 UJ	5 UJ	0.4 UJ	5 U	0.4 UJ
COPPER	3 U	2.3 J	12.2 U	6.2 J	2.1 J	108 J	0.8 U	25 UJ	3.4 U	25 UJ	0.8 U	1.7 J	0.8 U	0.8 U	25 UJ	5.8 U	25 UJ	5.8 U	25 UJ	1.3 U	25 UJ	NA R
LEAD	2.3 UJ	10 UJ	1.5 U	10 UJ	10 UJ	27.3 J	2.6 UJ	10 UJ	3.7 UJ	10 UJ	1.5 U	10 UJ	1.8 UJ	2.5 UJ	10 UJ	2.4 U	10 UJ	2.4 U	10 UJ	29 J	10 UJ	20.2
ZINC	15.1 U	60 UJ	28.3 U	60 UJ	15.1 J	670	5.8 U	3.9 J	6.9 U	4.3 J	9.4 U	64.1	4.5 U	4.6 U	15.7 J	22.8	14.2 J	NA R	60 UJ	1.6 UJ	12 J	408
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	10 U	5 U	10 U	5 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	1 J	1 J	1.6 J	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Benzo(a)anthracene	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.32	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Benzo(a)pyrene	0.2 UJ	R	0.2 UJ	R	R	0.33 J	0.2 UJ	0.1 U	0.2 UJ	0.1 U	0.2 UJ	R	0.2 UJ	0.2 UJ	R	0.2 U	R	0.2 U	R	0.2 U	0.1 U	0.2 U
Benzo(b)fluoranthene	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.57	0.2 U	0.1 U	0.2 U	0.1 U	0.32	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Phenanthrene	0.44	0.52	0.2 U	0.1 U	0.16	0.56	0.2 U	0.1 U	0.2 U	0.37	0.2 U	0.53	1.3	1.3	1.9 D	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.05 U	0.1 U	0.05 U	0.1 U	0.1 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U
HEPTACHLOR	0.02 U	0.05 U	0.02 U	0.05 U	0.05 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concentration
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentration

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-102S	MW-104D	MW-104D	MW-104S	MW-104S	MW-104S	MW-110D	MW-110D	MW-110D	MW-110M	MW-110M	MW-110S	MW-110S	MW-111D	MW-111D	MW-111D	MW-111M	MW-111M	MW-112M	MW-112M	MW-112M	MW-201D
Sample Location	OU2-MW-102S	OU2-MW-104D-07	OU2-MW-104D	OU2-MW-104S-07	OU2-MW-DUP03-07	OU2-MW-104S	OU2-MW-110D-07	OU2-MW-DUP15-07	OU2-MW-110D	OU2-MW-110M-07	OU2-MW-110M	OU2-MW-110S-07	OU2-MW-110S	OU2-MW-111D-07	OU2-MW-111D	OU2-MW-DUP03	OU2-MW-111M-07	OU2-MW-111M	OU2-MW-112M-07	OU2-MW-DUP01-07	OU2-MW-112M	OU2-MW-201D-07
Date Sampled	11/5/2009	12/11/2002	11/4/2009	12/12/2002	12/12/2002	11/4/2009	1/13/2003	1/13/2003	11/4/2009	1/13/2003	11/6/2009	1/13/2003	11/6/2009	1/8/2003	11/4/2009	11/4/2009	1/8/2003	11/4/2009	12/6/2002	12/6/2002	11/4/2009	12/18/2002
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0		0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	Field Dup. OU2-MW-104S-07	Field Dup. OU2-MW-104S-07	None	Field Dup. OU2-MW-110D-07	Field Dup. OU2-MW-110D-07	None	None	None	None		None	Field Dup. OU2-MW-111D	Field Dup. OU2-MW-111D	None	None	Field Dup. OU2-MW-112M-07	Field Dup. OU2-MW-112M-07	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden		Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	6.3	130	240 D	10 U	10 U	0.5 U	62	68	170	28	12	10 U	5 U	6500 *	4500 D	4800 D	1300 *J	610 D	88	110	170	10 U
1,1,2-TRICHLOROETHANE	5 U	10 U	2.5 J	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	23	15	16	5 J	3.4 J	10 U	10 U	5 U	10 U
1,1-DICHLOROETHANE	5 U	120	210 D	10 U	10 U	0.5 U	30	32	94	85	15	10 U	5 U	350 *	360 DJ	390 DJ	370 J	240 D	41	45	64	10 U
1,1-DICHLOROETHENE	5 U	160	510 D	10 U	10 U	0.5 U	51	53	290 D	41	8.8 U	0.9 U	5 U	6200 *	6900 D	7100 D	1500 *J	1400 D	120	140	280 D	0.9 U
1,2-DICHLOROETHANE	5 U	10 U	5 U	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	13	5 UJ	8.4 J	5 J	5 U	10 U	10 U	5 U	10 U
BENZENE	5 U	5 J	8.8	10 U	10 U	0.5 U	10 U	10 U	5 U	6 J	5 U	3 J	5 U	3 J	2.2 J	2.3 J	9 J	3.9 J	10 U	10 U	5 U	10 U
CHLOROBENZENE	5 U	36	51	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	36	19	21	19 J	9.1	10 U	10 U	5 U	10 U
CHLOROFORM	5 U	1 J	5 U	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	13	9.5	10	3 J	5 U	10 U	10 U	5 U	10 U
ETHYLBENZENE	5 U	10 U	5 U	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	13	3.4 J	10 U	5 U	5 U	10 UJ	5 U	10 U	10 U	5 U	10 U
m,p-Xylene	5 U	NA	5 U	NA	NA	0.5 U	NA	NA	5 U	NA	5 U	NA	8	NA	5 U	5 U	NA	5 U	NA	NA	5 U	NA
METHYL TERT-BUTYL ETHER	5 U	10 U	5 U	10 U	10 U	0.5 U	2 J	3 J	22	9 J	6.9	10 U	5 U	10 U	5 U	2.2 J	25 J	6	3 J	3 J	6.3	10 U
METHYLENE CHLORIDE	5 U	10 U	5 U	10 U	10 U	0.5 U	10 UJ	10 UJ	5 U	10 UJ	5 U	10 UJ	5 U	10 U	5 U	5 U	10 UJ	5 U	10 U	10 UJ	5 U	10 U
TETRACHLOROETHENE	5 U	2 J	2.1 J	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	8 J	5.7	5.8	4 J	2.1 J	10 U	10 U	5 U	10 U
TRICHLOROETHENE	5 U	370	420 D	10 U	10 U	0.5 U	92	98	190	14	5 U	10 U	5 U	1200 *	770 D	800 D	540 *J	60	41	55	93	10 U
VINYL CHLORIDE	5 U	82	100	1 U	1 U	0.5 U	1	1	8.9	110	21	4	5 U	68	52	55	68 J	27	6	6	6.6	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	82.8	3.2 UJ	1 J	9.3 UJ	2.9 U	3.8 J	3.3 UJ	2.3 U	3.3 J	2.3 U	0.28 J	NA R	3.2 J	31.7 J	24.6	24.1	5 J	10.8 J	12.8	11.6	18.3 J	2.5 U
BERYLLIUM	5 U	0.1 U	5 U	0.1 U	0.14 UJ	5 U	1.1 U	1.1 U	5 U	1.1 U	5 UJ	1.1 U	5 UJ	9.4 J	5.8 J	5.7 J	0.1 U	5 U	0.9 U	0.9 U	5 U	0.1 U
CADMIUM	5 UJ	0.4 U	5 UJ	0.4 U	0.4 U	5 UJ	0.5 UJ	0.5 UJ	5 UJ	0.5 UJ	2.8 J	0.5 UJ	5 U	12.4 J	6.2 J	6.2 J	0.3 U	5 UJ	0.7 U	0.7 U	5 UJ	1.3 J
COPPER	5.4 J	1.3 U	1.7 J	3.3 J	97 J	36.1 J	2	1.5	3.5 J	0.8 U	1.8 J	7.7 J	1.3 J	0.6 U	25.5 J	24.3 J	0.6 U	25 UJ	5.8 U	5.8 U	9.1 J	1.4 U
LEAD	4.2 J	2.3 UJ	10 UJ	9.8	8.7 J	69.2 J	1.5 U	1.5 U	3.2 J	1.5 U	10 UJ	1.5 U	10 UJ	2.8 J	3.5 J	3 J	2.2 UJ	10 UJ	2.4 U	2.4 U	3.1 J	7.3
ZINC	82.2	11.1 U	3.3 J	28.6 U	21.5 U	31.9 J	136 J	173 J	5.8 J	9.7 UJ	10.5 J	20 UJ	2 J	1260 J	700	695	1.7 J	60 UJ	5.5 U	5.5 U	9 J	20.6 J
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	5 U	10 U	5 U	10 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	100 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	1.2	0.38	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U
Benzo(a)anthracene	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.42	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U
Benzo(a)pyrene	R	0.2 U	R	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.31 J	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	R	0.2 U	R	0.2 U	0.2 U	R	0.2 U
Benzo(b)fluoranthene	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 UJ	0.2 U	0.2 U	0.8	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U
Phenanthrene	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.34 D	0.2 U	0.1 U	0.2 U	0.49 D	0.2 U	0.1 U	0.1 U	0.41	0.4	0.2 U	0.2 U	0.1 U	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U
HEPTACHLOR	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-201D	MW-203D	MW-203D	MW-203S	MW-203S	MW-204D	MW-204D	MW-207MR	MW-207MR	MW-207MR	MW-207SR	MW-207SR	MW-208S	MW-208S	MW-209S	MW-209S	MW-211D	MW-211D	MW-211M	MW-211M	MW-211S	MW-211S
Sample Location	OU2-MW-201D	OU2-MW-203D-07	OU2-MW-203D	OU2-MW-203S-07	OU2-MW-203S	OU2-MW-204D-07	OU2-MW-204D	OU2-MW-207MR-07	OU2-MW-DUP25-07	OU2-MW-207MR	OU2-MW-207SR-07	OU2-MW-207SR	OU2-MW-208S-07	OU2-MW-208S	OU2-MW-209S-07	OU2-MW-209S	OU2-MW-211D-07	OU2-MW-211D	OU2-MW-211M-07	OU2-MW-211M	OU2-MW-211S-07	OU2-MW-211S
Date Sampled	11/10/2009	1/7/2003	11/4/2009	1/7/2003	11/4/2009	12/12/2002	11/16/2009	1/30/2003	1/30/2003	11/3/2009	1/30/2003	11/13/2009	12/19/2002	11/12/2009	12/12/2002	11/12/2009	12/11/2002	11/3/2009	12/11/2002	11/9/2009	12/11/2002	11/9/2009
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	Field Dup. OU2-MW-207MR-07	Field Dup. OU2-MW-207MR-07	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	5 U	10 U	0.5 U	10 U	5 U	730 *	53	240 J	250 J	210 D	870 *J	500 D	10 U	0.5 U	10 U	0.5 U	32000 *	32000 D	3500 *	3800 D	10 U	0.5 U
1,1,2-TRICHLOROETHANE	5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	1 J	5 U	10 U	0.5 U	10 U	0.5 U	49	19	10 U	4.5 J	10 U	0.5 U
1,1-DICHLOROETHANE	5 U	10 U	0.5 U	10 U	5 U	200	260 D	58	58	68	170	120	10 U	0.5 U	10 U	0.5 U	280	1000 UD	140	84	10 U	0.5 U
1,1-DICHLOROETHENE	5 U	0.9 U	0.5 U	0.9 U	2.5 J	890 *	270 D	20	20	15	160	20	0.9 U	0.5 U	0.9 UJ	0.5 U	17000 *	16000 D	870 *	1300 D	10 U	0.5 U
1,2-DICHLOROETHANE	5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	0.5 U
BENZENE	5 U	10 U	0.5 U	10 U	5 U	10 U	4.3 J	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U	5 UJ	10 U	1.7 J	10 U	0.5 U
CHLOROBENZENE	5 U	10 U	0.5 U	10 U	5 U	5 J	280 D	1 J	1 J	5 U	2 J	1.5 J	2 J	1.1	10 U	0.5 U	6 J	4.9 J	16	15	10 U	0.5 U
CHLOROFORM	5 U	10 U	3.6	26	21	2 J	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	12	5 U	4 J	3.9 J	10 U	0.5 U
ETHYLBENZENE	5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	0.5 U
m,p-Xylene	5 U	NA	0.5 U	NA	5 U	NA	5 U	NA	NA	5 U	NA	5 U	NA	0.5 U	NA	0.5 U	NA	5 U	NA	5 U	NA	0.5 U
METHYL TERT-BUTYL ETHER	5 U	1 J	0.5 U	10 U	5 U	2 J	3.2 J	10 UJ	10 UJ	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	10 U	5 U	10 U	2 J	10 U	0.5 U
METHYLENE CHLORIDE	5 U	10 UJ	0.5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 UJ	5 U	10 U	0.5 U	10 U	0.5 U	10 U	5 U	10 U	5 U	10 U	0.5 U
TETRACHLOROETHENE	5 U	10 U	0.5 U	10 U	5 U	3 J	5 U	10 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	0.5 U	1 J	5 U	5 J	3.7 J	10 U	0.5 U
TRICHLOROETHENE	5 U	10 U	0.5	10 U	5 U	830 *	28	6 J	5 J	4.2 J	43	5.5	2 J	0.5 U	10 U	0.5 U	83	48	2400 *	1100 D	10 U	0.5 U
VINYL CHLORIDE	5 U	1 U	0.5 U	1 U	5 U	15	52	200	190	150 D	480 *	440 D	1 U	0.5 U	1 U	0.5 U	4	5 U	32	22	1 U	0.5 U
TAL Metal Analysis (UG/L)																						
ARSENIC	0.36 J	4.8 U	0.74 J	4.8 U	0.38 J	2.9 U	0.72 J	52.1	52.5	62.3	29.7	34.8	7.4 U	9.2 J	4.1 UJ	0.54 J	75.7	61.5 J	2.9 U	5.8 J	3.3 UJ	6.9 J
BERYLLIUM	5 U	0.57 U	5 U	0.1 U	5 U	0.23 U	5 UJ	0.45 U	0.48 U	5 UJ	0.46 U	5 UJ	0.1 U	5 UJ	0.16 UJ	5 UJ	85.7 J	12.8	0.14 J	0.95 J	0.1 U	5 UJ
CADMIUM	1.1 J	1.9	8.5 J	0.3 U	5 UJ	0.82 U	5 UJ	0.5 U	0.5 U	5 UJ	0.5 U	5 UJ	0.4 U	1.9 J	0.4 U	5 UJ	25.4 J	4.6 J	1.5 U	2.9 J	0.4 UJ	5 U
COPPER	1.8 J	0.6 U	3.4 J	1 J	25 UJ	1.3 UJ	2.2 J	0.8 U	0.8 U	25 UJ	0.94 UJ	25 UJ	1.4 U	25 UJ	1.3 UJ	25 UJ	544 J	25.1 J	1.3 U	25 UJ	1.3 U	25 UJ
LEAD	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.3 U	10 UJ	1.5 U	2.4 UJ	10 UJ	1.8 UJ	10 UJ	2.3 U	10 UJ	2.3 U	10 UJ	199 J	10.8 J	2.3 UJ	10 UJ	2.5 J	10 UJ
ZINC	9.5 J	3.3	2.4 J	2.3 J	60 UJ	25.3 U	28.2 J	13.4 U	13.3 U	2.3 J	13.2 U	60 U	2.7 U	1.5 J	14.4 U	4.3 J	7020	968	27.4 U	137	8.8 UJ	60 UJ
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	5 U	10 U	5 U	10 U	5 U	10 U	5 U	2 J	1 J	5 U	2 J	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.11	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)anthracene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)pyrene	0.1 U	0.2 U	R	0.2 U	R	0.2 U	R	0.2 UJ	0.2 UJ	0.1 U	0.2 UJ	R	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(b)fluoranthene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U
Phenanthrene	0.1 U	0.2 U	0.13	0.2 U	0.1 U	0.2 U	0.24	1.9	1.9	0.21	2.6	0.58	0.2 U	0.15	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.24	0.2 U	0.1 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U
HEPTACHLOR	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.03 J	0.02 U	0.02 U	0.05 U	0.02 U	0.066	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-212D	MW-212D	MW-212D	MW-212M	MW-212M	MW-212M	MW-212S	MW-212S	MW-213S	MW-213S	MW-214D	MW-214D	MW-214M	MW-214M	MW-214S	MW-214S	MW-215S	MW-215S	MW-217D	MW-217D	MW-217S	MW-217S
Sample Location	OU2-MW-212D-07	OU2-MW-DUP06-07	OU2-MW-212D	OU2-MW-212M-07	OU2-MW-212M	OU2-GW-DUP02	OU2-MW-212S-07	OU2-MW-212S	OU2-MW-213S-07	OU2-MW-213S	OU2-MW-214D-07	OU2-MW-214D	OU2-MW-214M-07	OU2-MW-214M	OU2-MW-214S-07	OU2-MW-214S	OU2-MW-215S-07	OU2-MW-215S	OU2-MW-217D-07	OU2-MW-217D	OU2-MW-217S-07	OU2-MW-217S
Date Sampled	12/17/2002	12/17/2002	11/2/2009	12/17/2002	11/2/2009	11/2/2009	12/17/2002	11/10/2009	1/7/2003	11/13/2009	1/7/2003	11/2/2009	1/7/2003	11/5/2009	1/7/2003	11/5/2009	1/9/2003	11/12/2009	1/14/2003	10/30/2009	1/10/2003	11/10/2009
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0		0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	Field Dup. OU2-MW-212D-07	Field Dup. OU2-MW-212D-07	None	None	Field Dup. OU2-MW-212M	Field Dup. OU2-MW-212M		None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden		Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	2400 *	2500 *	1400 D	4900 *	2700 D	2800 D	3500 *	1700 D	65	5.7	1200 *	530 D	710 *	110	86	6.2	3 J	0.59	18	2.2 J	10 U	0.5 U
1,1,2-TRICHLOROETHANE	9 J	9 J	5.5	5 J	2.7 J	3.4 J	4 J	5 U	10 U	5 U	3 J	2 J	1 J	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
1,1-DICHLOROETHANE	500 *	530 *	370 D	520 *	450 D	470 D	440 *	440 D	15	11	330	190	140	72	13	4.6 J	10 U	0.28 J	16	5.1 J	10 U	0.5 U
1,1-DICHLOROETHENE	1900 *	1900 *	1700 D	1200 *	710 D	740 D	1000 *	380 D	40	8	920 *	670 D	430 *	150	47	9.7	0.9 U	0.5 U	15	5.8 J	0.9 U	0.5 U
1,2-DICHLOROETHANE	5 J	5 J	5 U	3 J	5 U	5 U	3 J	5 U	10 U	5 U	4 J	5 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
BENZENE	7 J	7 J	3.5 J	2 J	5 UJ	5 U	3 J	2.1 J	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
CHLOROBENZENE	96	96	43	23	20	22	23	19	10 U	5 U	2 J	5 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
CHLOROFORM	7 J	7 J	4.6 J	5 J	2.8 J	3.6 J	4 J	2.9 J	10 U	5 U	2 J	5 U	1 J	5 U	10 U	5 U	10 U	0.38 J	1 J	5 UJ	10 U	0.5 U
ETHYLBENZENE	10 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
m,p-Xylene	NA	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA	0.5 U	NA	5 UJ	NA	0.5 U
METHYL TERT-BUTYL ETHER	10 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	18	46	1 J	5 U	10 U	5 U	8 J	0.5 U	2 J	5 UJ	10 U	0.5 U
METHYLENE CHLORIDE	10 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 UJ	5 U	10 U	5 U	10 U	5 U	10 UJ	5 U	10 UJ	0.5 U	10 UJ	5 UJ	10 UJ	0.5 U
TETRACHLOROETHENE	2 J	2 J	5 U	6 J	2.5 J	3.1 J	5 J	2.6 J	10 U	5 U	7 J	3.2 J	2 J	5 U	10 U	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
TRICHLOROETHENE	430 *	470 *	170	1700 *	680 D	680 D	1300 *	910 D	49	15	1300 *	660 D	400	150	44	9.7	10 U	1.3	95	14 UJ	10 U	0.5 U
VINYL CHLORIDE	240	240	290 D	54	190	200	62	130 D	1 U	5 U	9	5 U	1 U	5 U	1 U	5 U	1 U	0.5 U	1 U	5 UJ	1 U	0.5 U
TAL Metal Analysis (UG/L)																						
ARSENIC	62.4	63.3	56.1	18.5	15.5 J	15.9 J	2.5 U	0.5 J	4.8 U	1 U	4.8 U	0.32 J	4.8 U	1 U	4.8 U	0.36 J	4.8 U	1 U	2.3 U	0.77 J	4.8 U	1 U
BERYLLIUM	0.1 U	0.1 U	5 U	0.1 U	5 U	5 U	0.1 U	5 U	0.1 U	5 UJ	0.1 U	5 U	0.1 U	5 U	0.1 U	5 U	0.1 U	5 UJ	1.1 U	5 U	0.1 U	5 U
CADMIUM	0.4 UJ	0.4 UJ	5 UJ	0.4 U	5 UJ	5 UJ	0.6 J	5 UJ	0.3 U	5 UJ	0.3 U	5 UJ	0.3 U	5 UJ	0.3 U	5 UJ	0.3 U	5 UJ	0.5 UJ	5 U	0.3 U	5 UJ
COPPER	1.4 U	1.4 U	25 UJ	1.4 U	25 UJ	25 UJ	1.4 U	2.3 J	0.6 UJ	1.4 J	0.6 U	1.8 J	0.64 J	25 UJ	0.6 U	1.7 J	0.6 UJ	25 UJ	1.5	25 U	0.6 U	25 UJ
LEAD	5.8	4.8	10 UJ	3.2 J	10 UJ	10 UJ	2.3 U	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	1.5 U	10 U	2.2 UJ	10 UJ
ZINC	303 J	304 J	118	49.3	10 J	10.9 J	3.4 U	60 UJ	4.6	89	2.1 J	1.7 J	1.4 U	60 UJ	2.7 J	60 UJ	7.8	18.8 J	19.4 UJ	60 U	1.4 U	60 UJ
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	10 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)anthracene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)pyrene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	R	0.2 U	0.1 U	0.2 U	R	0.2 U	R	0.2 U	R	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(b)fluoranthene	0.2 U	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 U
Phenanthrene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U
HEPTACHLOR	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	0.05 U	0.02 U	0.05 U	0.02 U	0.069	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
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9. EMPC = Estimated Maximum Potential Concentr

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Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-301D	MW-301D	MW-301D	MW-301S	MW-301S	MW-302D	MW-302D	MW-302D	MW-302D	MW-302S	MW-302S	MW-309S	MW-309S	MW-309S	MW-310D	MW-310D	MW-310D	MW-310S	MW-310S	MW-501D	MW-501D	MW-501S
Sample Location	OU2-MW-301D-07	OU2-MW-DUP18-07	OU2-MW-301D	OU2-MW-301S-07	OU2-MW-301S	OU2-MW-302D-07	OU2-MW-DUP13-07	OU2-GW-DUP01	OU2-MW-302D	OU2-MW-302S-07	OU2-MW-302S	OU2-MW-309S-07	OU2-MW-309S	OU2-MW-DUP06	OU2-MW-310D-07	OU2-MW-DUP08-07	OU2-MW-310D	OU2-MW-310S-07	OU2-MW-310S	OU2-MW-501D-07	OU2-MW-501D	OU2-MW-501S-07
Date Sampled	1/15/2003	1/15/2003	10/29/2009	1/15/2003	11/10/2009	1/9/2003	1/9/2003	10/28/2009	10/28/2009	1/9/2003	11/10/2009	1/23/2003	11/11/2009	11/11/2009	12/19/2002	12/19/2002	10/27/2009	12/19/2002	10/27/2009	12/13/2002	10/30/2009	12/13/2002
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	Field Dup. OU2-MW-301D-07	Field Dup. OU2-MW-301D-07	None	None	None	Field Dup. OU2-MW-302D-07	Field Dup. OU2-MW-302D-07	Field Dup. OU2-MW-302D	Field Dup. OU2-MW-302D	None	None	None	Field Dup. OU2-MW-309S	Field Dup. OU2-MW-309S	Field Dup. OU2-MW-310D-07	Field Dup. OU2-MW-310D-07	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	radient Overbu	radient Overbu	radient Overbu	Overburden	Overburden	Overburden	Overburden	Overburden	radient Overbu	radient Overbu	radient Overbu
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	130	120	5 UJ	10 U	0.5 U	820 *	690 *	520 D	490 D	74	6.8 U	10 U	0.5 U	NA	11 J	22 J	20 J	10 U	5 UJ	10 U	5 UJ	10 U
1,1,2-TRICHLOROETHANE	10 U	10 U	5 UJ	10 U	0.5 U	11	10	6.3	5.5	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
1,1-DICHLOROETHANE	140	130	5 UJ	4 J	0.4 J	1000 *	940 *	640 D	670 D	16	3 J	10 U	0.5 U	NA	9 J	18 J	240 DJ	10 U	5 UJ	10 U	5 UJ	10 U
1,1-DICHLOROETHENE	120	120	2.4 J	3	0.5 U	730 *	660 *	690 D	680 D	43	8.3 U	0.9 U	0.5 U	NA	25 J	50 J	180 J	0.9 U	5 UJ	0.9 UJ	5 UJ	0.9 UJ
1,2-DICHLOROETHANE	10 U	10 U	5 UJ	10 U	0.5 U	10	10	5 U	5 U	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
BENZENE	10 U	1 J	5 UJ	10 U	0.5 U	10 U	10 U	5 U	5 U	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	8.5 J	10 U	5 UJ	10 U	5 UJ	10 U
CHLOROBENZENE	3 J	3 J	5 UJ	10 U	0.5 U	10 U	10 U	5 U	5 U	10 U	5 U	10 U	0.5 U	NA	1 J	2 J	7.6 J	10 U	5 UJ	10 U	5 UJ	10 U
CHLOROFORM	2 J	2 J	5 UJ	1 J	0.5 U	8 J	8 J	3.5 J	5 U	2 J	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
ETHYLBENZENE	10 U	10 U	5 UJ	10 U	0.5 U	10 U	10 U	5 U	5 U	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
m,p-Xylene	NA	NA	5 UJ	NA	0.5 U	NA	NA	5 U	5 U	NA	5 U	NA	0.5 U	NA	NA	NA	5 UJ	NA	5 UJ	NA	5 UJ	NA
METHYL TERT-BUTYL ETHER	85	82	4.3 J	10 U	0.5 U	10 U	10 U	2.1 J	5 U	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
METHYLENE CHLORIDE	10 UJ	10 UJ	5 UJ	10 UJ	0.5 U	10 UJ	10 UJ	5 U	5 U	10 UJ	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
TETRACHLOROETHENE	2 J	2 J	5 UJ	10 U	0.5 U	20	19	7.3	6.6	10 U	5 U	10 U	0.5 U	NA	10 UJ	10 UJ	5 UJ	10 U	5 UJ	10 U	5 UJ	10 U
TRICHLOROETHENE	66	59	5 UJ	10 U	0.5 U	6600 *	6100 *	1900 D	1900 D	59	12	10 U	0.5 U	NA	32 J	62 J	11 UJ	10 U	5 UJ	10 U	5 UJ	10 U
VINYL CHLORIDE	2	2	5 UJ	1 U	0.5 U	3	3	5 U	5 U	1 U	5 U	1 U	0.5 U	NA	2 J	4 J	42 J	1 U	5 UJ	1 U	5 UJ	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	2.3 U	2.3 U	1 U	2.3 U	1 U	4.8 U	4.8 U	NA	1 U	4.8 U	1 U	3.6 UJ	1 U	NA	2.5 U	2.5 U	1.1	3 U	0.65 J	2.9 U	1 U	3.5 UJ
BERYLLIUM	1.1 U	1.1 U	5 U	1.1 U	5 U	0.1 U	0.1 U	5 U	5 U	0.1 U	5 U	0.2 UJ	5 UJ	NA	0.1 U	0.1 U	5 U	0.22 UJ	5 U	0.22 U	5 U	0.24 U
CADMIUM	0.96 UJ	0.5 UJ	5 U	0.5 U	5 UJ	0.3 U	0.3 U	5 U	5 U	0.3 U	5 UJ	0.33 UJ	5 UJ	NA	0.4 U	0.4 U	5 U	0.3 U	5 U	0.4 U	5 U	0.4 U
COPPER	0.8 UJ	0.8 UJ	25 U	0.8 UJ	0.71 J	0.6 U	0.6 U	25 U	25 U	0.6 U	25 UJ	1.9 J	25 UJ	NA	1.4 U	1.4 J	25 UJ	1.5 U	25 U	1.3 UJ	25 U	1.3 UJ
LEAD	1.5 U	1.5 UJ	10 U	1.5 U	10 UJ	2.2 UJ	2.2 UJ	10 U	10 U	2.2 UJ	10 UJ	1.3 UJ	10 UJ	NA	2.3 U	2.3 U	10 U	1.2 U	10 U	2.3 U	10 U	2.3 U
ZINC	10.8 UJ	7.9 UJ	60 U	35.2 UJ	18.7 J	2.1 UJ	3.7 U	60 U	60 U	10.2	6.2 J	0.6 UJ	60 U	NA	7.1 U	8.5 U	60 U	1.1 UJ	60 U	12.2 U	21.4 J	13.1 U
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	10 U	10 U	5 U	10 U	5 U	10 U	10 U	5 UJ	5 U	10 U	5 U	10 U	5 U	NA	10 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Benzo(a)anthracene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Benzo(a)pyrene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Benzo(b)fluoranthene	0.2 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.2 U	0.2 U	0.1 UJ	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.2 U
Phenanthrene	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	NA	0.05 U	0.1 U	0.1 U	0.25	0.22	0.05 U	0.1 U	NA	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U
HEPTACHLOR	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	NA	0.02 U	0.05 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	NA	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-501S	MW-502S	MW-502S	MW-504D	MW-504D	MW-504S	MW-504S	MW-505D	MW-505D	MW-505M	MW-505M	MW-505M	MW-506D	MW-506D	MW-506M	MW-506M	MW-506S	MW-506S	MW-507D	MW-507D	MW-507S	MW-507S
Sample Location	OU2-MW-501S	OU2-MW-502S-07	OU2-MW-502S	OU2-MW-504D-07	OU2-MW-504D	OU2-MW-504S-07	OU2-MW-504S	OU2-MW-505D-07	OU2-MW-505D	OU2-MW-505M-07	OU2-MW-DUP05-07	OU2-MW-505M	OU2-MW-506D-07	OU2-MW-506D	OU2-MW-506M-07	OU2-MW-506M	OU2-MW-506S-07	OU2-MW-506S	OU2-MW-507D-07	OU2-MW-507D	OU2-MW-507S-07	OU2-MW-507S
Date Sampled	11/12/2009	12/18/2002	11/12/2009	12/16/2002	11/11/2009	12/16/2002	11/11/2009	12/16/2002	11/11/2009	12/16/2002	12/16/2002	11/11/2009	12/19/2002	11/3/2009	12/19/2002	11/3/2009	12/19/2002	11/3/2009	1/7/2003	10/26/2009	1/7/2003	11/11/2009
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	Field Dup. OU2-MW-505M-07	Field Dup. OU2-MW-505M-07	None	None	None	None	None	None	None	None	None	None	Field Dup. OU2-MW-507S
Zone	radient Overbu	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	0.5 U	10 U	5 U	66	28	10 U	5 U	93	45	10 U	10 U	5 U	1100	1800 D	3 J	5 U	10 U	0.5 U	1100 *	110 J	1 J	0.5 U
1,1,2-TRICHLOROETHANE	0.5 U	10 U	5 U	3 J	2.4 J	10 U	5 U	4 J	4 J	10 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	0.5 U	2 J	5 UJ	10 U	0.5 U
1,1-DICHLOROETHANE	0.5 U	41	19	81	79	16	6.4	57	64	280	310	5 U	16	20	110	32	10 U	0.5 U	330	130 J	1 J	0.5 U
1,1-DICHLOROETHENE	0.5 U	10	8.5	73	57	2	5 U	89	75	0.9 U	0.9 U	5 U	470	1400 D	6	5 U	0.9 U	0.5 U	900 *	NA	0.9 U	0.5 U
1,2-DICHLOROETHANE	0.5 U	10 U	5 U	4 J	5 U	10 U	5 U	4 J	5 U	10 U	10 U	5 U	5 J	5 U	10 U	5 U	10 U	0.5 U	2 J	5 UJ	10 U	0.5 U
BENZENE	0.5 U	6 J	2.8 J	9 J	5.7	10 U	5 U	7 J	7.1	8 J	9 J	5 U	6 J	4.7 J	4 J	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
CHLOROBENZENE	0.5 U	130	54	210	110	10 U	5 U	140	100	15	16	9.9	17	14	180	64	1 J	0.5 U	4 J	58 J	10 U	0.5 U
CHLOROFORM	0.5 U	10 U	5 U	12	15	10 U	5 U	21	22	10 U	10 U	5 U	7 J	5	3 J	5 U	10 U	0.5 U	2 J	5 UJ	10 U	0.5 U
ETHYLBENZENE	0.5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	6 J	5 U	10 U	0.5 U	10 U	5 UJ	10 U	0.5 U
m,p-Xylene	0.5 U	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA	NA	5 U	NA	5 U	NA	5 U	NA	0.5 U	NA	5 UJ	NA	0.5 U
METHYL TERT-BUTYL ETHER	0.5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	12	10 U	5 U	10 U	0.5 U	45	190 J	10 U	0.5 U
METHYLENE CHLORIDE	0.5 U	10 U	5 U	25	19	10 U	5 U	55	68	10 U	10 U	5 U	30	42	5 J	5 U	10 U	0.5 U	10 U	5 UJ	10 UJ	0.5 U
TETRACHLOROETHENE	0.5 U	10 U	5 U	10	9.5	10 U	5 U	17	15	10 U	10 U	5 U	27	51	10 U	5 U	10 U	0.5 U	4 J	5 UJ	10 U	0.5 U
TRICHLOROETHENE	0.5 U	10 U	2.4 J	2900 *	3600 D	10 U	5 U	4700 *	5800 D	10 U	10 U	5 U	900	880 D	12	8.9	10 U	0.35 J	480 *	85 J	10 U	0.5 U
VINYL CHLORIDE	0.5 U	28	18	400	170	2	5 U	180	82	2	2	26	8	5 U	8	5 U	1 U	0.5 U	11	6.2 J	1 U	0.5 U
TAL Metal Analysis (UG/L)																						
ARSENIC	1 U	96	55.9	3 U	2.8 J	3 U	1 U	3 U	1.3 J	143	153	163	3 U	0.52 J	2.5 U	0.38 J	9.1 U	0.6 J	4.8 U	1 U	4.8 U	1 U
BERYLLIUM	5 UJ	0.1 U	5 UJ	0.2 U	5 U	0.2 U	5 U	0.2 U	5 U	0.2 U	0.2 U	5 U	0.21 UJ	5 UJ	0.41 U	5 UJ	0.1 U	5 UJ	0.1 U	5 U	0.1 U	5 UJ
CADMIUM	5 UJ	0.4 U	5 UJ	1.1 U	1.5 J	0.39 UJ	5 UJ	2.3	1.8 J	0.3 U	0.3 U	5 UJ	0.3 U	5 UJ	2.8	5 UJ	0.4 U	5 UJ	0.3 U	5 U	0.33 J	5 UJ
COPPER	25 UJ	1.4 U	25 UJ	1.6 J	1.7 J	1.5 U	25 UJ	3.6	2.9 J	2.1 J	1.5 U	25 UJ	1.5 U	1.1 J	4.4	5 J	1.5 J	2.3 J	2.8	25 U	0.62 J	25 UJ
LEAD	10 UJ	2.3 U	10 UJ	1.4 J	10 UJ	1.2 U	10 UJ	3.8	10 UJ	1.2 U	1.2 U	10 UJ	1.2 U	10 UJ	2.5 J	10 UJ	2.3 U	10 UJ	2.2 UJ	10 U	2.2 UJ	10 UJ
ZINC	60 U	4.6 U	10.8 J	1.1 UJ	60 UJ	1.1 UJ	113	8 J	4.6 J	1.1 UJ	4.3 J	60 UJ	1.1 UJ	60 UJ	127	66	424	500	2.1 J	60 U	1.4 U	1.3 J
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)anthracene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)pyrene	R	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(b)fluoranthene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.2 U	0.1 UJ	0.2 U	0.1 U
Phenanthrene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.23 J
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U
HEPTACHLOR	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U	0.087 J	R	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
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Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-507S	MW-508D	MW-508D	MW-508S	MW-508S	MW-509M	MW-509M	MW-513S	MW-513S	MW-514D	MW-514D	MW-514S	MW-514S	MW-514S	MW-515S	MW-515S	MW-515S	MW-516M	MW-516M	MW-516M	MW-517S	MW-517S
Sample Location	OU2-MW-DUP05	OU2-MW-508D-07	OU2-MW-508D	OU2-MW-508S-07	OU2-MW-508S	OU2-MW-509M-07	OU2-MW-509M	OU2-MW-513S-07	OU2-MW-513S	OU2-MW-514D-07	OU2-MW-514D	OU2-MW-514S-07	OU2-GW-514S	OU2-MW-514S	OU2-MW-515S-07	OU2-MW-DUP10-07	OU2-MW-515S	OU2-MW-516M-07	OU2-MW-DUP07-07	OU2-MW-516M	OU2-MW-517S-07	OU2-MW-517S
Date Sampled	11/11/2009	1/8/2003	10/28/2009	1/8/2003	11/12/2009	12/17/2002	11/11/2009	1/9/2003	11/10/2009	1/9/2003	10/29/2009	1/9/2003	11/10/2009	11/10/2009	1/7/2003	1/7/2003	11/12/2009	12/18/2002	12/18/2002	11/11/2009	1/9/2003	11/10/2009
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	Field Dup. OU2-MW-507S	None	None	None	None	None	None	None	None	None	None	None	None	None	Field Dup. OU2-MW-515S-07	Field Dup. OU2-MW-515S-07	None	Field Dup. OU2-MW-516M-07	Field Dup. OU2-MW-516M-07	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	0.5 U	1100 *	160	150	12	74	27	3900 *	2300 D	3500 *	470 DJ	25	94	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	1100 *	260 D
1,1,2-TRICHLOROETHANE	0.5 U	3 J	5 U	10 U	5 U	10 U	5 U	3 J	2.5 J	5 J	5 UJ	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	2 J	5 U
1,1-DICHLOROETHANE	0.5 U	190	77	28	9.9	36	22	260	190 D	390	180 DJ	120	64	NA	10 U	10 U	0.5 U	20	20	12	170	75
1,1-DICHLOROETHENE	0.5 U	620 *	180	91	12	91	100	1100 *	410 D	2400 *	600 DJ	100	110	NA	0.9 U	0.9 U	0.5 U	0.9 U	0.9 U	1.3 J	640 *	190
1,2-DICHLOROETHANE	0.5 U	2 J	5 U	10 U	5 U	10 U	5 U	10 U	5 U	5 J	5 UJ	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U
BENZENE	0.5 U	10 U	5 U	10 U	5 U	1 J	1.6 J	1 J	5 U	2 J	5 UJ	2 J	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U
CHLOROBENZENE	0.5 U	10 U	5 U	10 U	5 U	35	19	12	13	17	14 J	10 U	6.3	NA	10 U	10 U	0.5 U	14	14	12	4 J	12
CHLOROFORM	0.5 U	3 J	5 U	10 U	5 U	1 J	5 U	4 J	2.2 J	7 J	2.2 J	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	2 J	5 U
ETHYLBENZENE	0.5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 UJ	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	10 U	5 U
m,p-Xylene	0.5 U	NA	5 U	NA	5 U	NA	5 U	NA	5 U	NA	5 UJ	NA	5 U	NA	NA	NA	0.5 U	NA	NA	5 U	NA	5 U
METHYL TERT-BUTYL ETHER	0.5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	2 J	3.5 J	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	1 J	2.9 J
METHYLENE CHLORIDE	0.5 U	10 UJ	5 U	10 U	5 U	10 U	5 U	10 UJ	5 U	10 UJ	5 UJ	10 UJ	5 U	NA	10 U	10 UJ	0.5 U	10 U	10 U	5 U	10 UJ	5 U
TETRACHLOROETHENE	0.5 U	3 J	5 U	10 U	5 U	2 J	2.3 J	5 J	3.7 J	11	4.2 J	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	5 U	3 J	1.2 J
TRICHLOROETHENE	0.5 U	720 *	190 D	100	25	26	18	1700 *	1300 D	21000 *	670 DJ	10 U	5 U	NA	10 U	10 U	0.5 U	10 U	10 U	2.5 J	780 *	440 D
VINYL CHLORIDE	0.5 U	1 U	5 U	1 U	5 U	8	4.6 J	28	29	35	15 J	62	44	NA	1 U	1 U	0.5 U	53	53	22	11	8.3
TAL Metal Analysis (UG/L)																						
ARSENIC	1 U	4.8 U	1 U	4.8 U	0.77 J	3 U	0.44 J	4.8 U	1 U	4.8 U	1 U	4.8 U	NA	3.8 J	4.8 U	4.8 U	1 U	50.9	53.5	48.6	4.8 U	1 U
BERYLLIUM	5 UJ	0.1 U	5 U	0.1 U	5 UJ	0.2 U	5 UJ	0.1 U	5 U	0.1 U	5 U	0.1 U	NA	5 U	0.1 U	0.1 U	5 UJ	0.2 U	0.2 U	5 UJ	0.1 U	5 U
CADMIUM	5 UJ	0.3 U	3.6 J	0.3 U	5 UJ	0.31 UJ	5 UJ	0.44 J	5 UJ	3.3	1.3 J	0.3 U	NA	5 UJ	0.3 U	0.3 U	5 UJ	0.3 U	0.3 U	5 UJ	0.3 U	5 UJ
COPPER	25 UJ	0.6 UJ	25 U	0.6 UJ	25 UJ	2.7 J	25 UJ	0.6 U	1.6 J	0.6 UJ	25 U	0.6 UJ	NA	0.93 J	0.67 J	0.6 U	25 UJ	1.5 U	1.5 U	25 UJ	0.6 UJ	0.78 J
LEAD	10 UJ	2.2 UJ	10 U	2.2 UJ	10 UJ	1.2 U	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 U	2.2 UJ	NA	10 UJ	2.2 UJ	2.2 UJ	10 UJ	1.2 U	1.2 U	10 UJ	2.2 UJ	10 UJ
ZINC	60 U	3.1	60 U	2.7 J	2.7 J	1.1 UJ	2.8 J	1.4 U	60 UJ	52.8	25 J	3.4	NA	2.1 J	8.4	8.3	2.8 J	1.1 UJ	1.1 UJ	1.7 J	1.6 J	60 UJ
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	NA	10 U	10 U	5 U	10 U	10 U	5 U	10 U	5 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.15	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)anthracene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(a)pyrene	0.1 U	0.2 U	0.21	0.2 U	R	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	R	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U
Benzo(b)fluoranthene	0.1 U	0.2 U	0.25 J	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.1 U
Phenanthrene	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.15	0.2 U	0.12	0.2 U	0.1 U	0.2 U	0.1 U	NA	0.2 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	0.16
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	NA	0.05 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	0.1 U
HEPTACHLOR	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	NA	0.02 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	0.05 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-519S	MW-519S	MW-520S	MW-520S	MW-522S	MW-522S	MW-523S	MW-523S	MW-523S	MW-525S	MW-525S	MW-526S	MW-526S	MW-527S	MW-527S	MW-529S	MW-529S	MW-529S	MW-534S	MW-534S	MW-534S	MW-535S
Sample Location	OU2-MW-519S-07	OU2-MW-519S	OU2-MW-520S-07	OU2-MW-520S	OU2-MW-522S-07	OU2-MW-522S	OU2-MW-523S-07	OU2-MW-523S	OU2-MW-DUP04	OU2-MW-525S-07	OU2-MW-525S	OU2-MW-526S-07	OU2-MW-526S	OU2-MW-527S-07	OU2-MW-527S	OU2-MW-529S-07	OU2-MW-DUP11-07	OU2-MW-529S	OU2-MW-534S-07	OU2-MW-DUP14-07	OU2-MW-534S	OU2-MW-535S-07
Date Sampled	1/9/2003	11/12/2009	1/7/2003	11/12/2009	12/18/2002	11/3/2009	1/8/2003	11/10/2009	11/10/2009	1/8/2003	11/6/2009	1/9/2003	11/10/2009	1/9/2003	11/12/2009	1/8/2003	1/8/2003	11/5/2009	1/10/2003	1/10/2003	11/9/2009	1/10/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	Field Dup OU2-MW-535S	Field Dup OU2-MW-535S	None	None	None	None	None	None	Field Dup. OU2-MW-529S-07	Field Dup. OU2-MW-529S-07	None	Field Dup. OU2-MW-534S-07	Field Dup. OU2-MW-534S-07	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	21	1.2 J	1400 *	370 D	10 U	5 U	100	15	16	190	54	150	29	46	1.1 J	10 U	10 U	5 U	39	NA	15	10 U
1,1,2-TRICHLOROETHANE	10 U	5 U	3 J	5 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	NA	5 U	10 U
1,1-DICHLOROETHANE	36	24	230	98	340	5 U	32	24	24	36	29	61	44	60	10	190	190	9.9	6 J	NA	8	10 U
1,1-DICHLOROETHENE	17	7.6	870 *	350 D	0.9 U	5 U	76	25	27	120	66	130	49	59	5 U	5	5	5 U	21	NA	20	0.9 U
1,2-DICHLOROETHANE	10 U	5 U	10 U	5 U	5 J	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	NA	5 U	10 U
BENZENE	10 U	5 U	16	1.5 J	160	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	2 J	2 J	5 U	10 U	NA	5 U	10 U
CHLOROBENZENE	2 J	190 D	5 J	3.4 J	2 J	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	1 J	1.4 J	72	65 J	5	10 U	NA	5 U	10 U
CHLOROFORM	10 U	5 U	2 J	5 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	NA	5 U	10 U
ETHYLBENZENE	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 UJ	5 U	10 U	NA	5 U	10 U
m,p-Xylene	NA	5 U	NA	5 U	NA	5 U	NA	5 U	5 U	NA	5 U	NA	5 U	NA	5 U	NA	NA	5 U	NA	NA	5 U	NA
METHYL TERT-BUTYL ETHER	78	120	19	1.1 J	10 U	5 U	10 U	5 U	5 U	2 J	5 U	1 J	5 U	63	2.4 J	10 U	10 U	5 U	10 U	NA	5 U	10 U
METHYLENE CHLORIDE	10 UJ	5 U	10 U	5 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 UJ	5 U	10 UJ	5 U	10 U	10 U	5 U	10 UJ	NA	5 U	10 UJ
TETRACHLOROETHENE	10 U	5 U	3 J	1.6 J	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	NA	5 U	10 U
TRICHLOROETHENE	20	11	680 *	370 D	10 U	5 U	61	28	30	130	88	84	37	25	4.5 J	1 J	1 J	5 U	19	NA	19	10 U
VINYL CHLORIDE	1 U	1.6 J	24	11	4	5 U	1 U	5 U	5 U	1 U	5 U	1 U	5 U	2	5 U	170	160	6.4	1 U	NA	5 U	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	4.8 U	0.57 J	4.8 U	0.56 J	28.3	48.8	4.8 U	0.52 J	0.49 J	4.8 U	0.36 J	4.8 U	0.4 J	5.1 J	0.45 J	39.7	43.2	57 J	4.8 U	4.8 U	0.18 J	5.3 J
BERYLLIUM	0.1 U	5 UJ	0.1 U	5 UJ	0.13 UJ	5 UJ	0.1 U	5 U	5 U	0.1 U	5 UJ	0.1 U	5 U	0.1 U	5 UJ	0.1 U	0.1 U	5 UJ	0.1 U	0.1 U	5 UJ	0.1 U
CADMIUM	0.3 U	5 UJ	0.3 U	5 UJ	0.4 U	5 UJ	0.3 U	5 UJ	5 UJ	0.3 U	5 U	0.3 U	5 UJ	0.3 U	5 UJ	0.3 U	0.3 U	5 U	0.3 U	0.3 U	5 U	0.3 U
COPPER	0.6 U	0.78 J	0.6 U	0.8 J	1.4 U	25 UJ	0.6 UJ	25 UJ	25 UJ	0.6 U	25 UJ	0.6 U	25 UJ	0.6 U	25 UJ	0.6 UJ	0.6 UJ	25 UJ	0.6 U	0.6 U	25 UJ	12.9
LEAD	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.3 U	10 UJ	2.2 UJ	10 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	10 UJ	2.2 UJ	2.2 UJ	10 UJ	2.2 UJ	2.2 UJ	10 UJ	2.2 UJ
ZINC	1.4 U	60 U	2.2 J	60 U	5.4 U	60 UJ	1.4 U	8.3 J	60 UJ	1.4 U	60 UJ	1.4 U	60 UJ	5 U	2.8 J	2.7 J	2.3 J	60 UJ	1.4 U	1.4 U	60 UJ	96.4
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	10 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	5 U	10 U	5 U	10 U	5 U	10 U	5 U	10 U	10 U	5 U	10 U	NA	5 U	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.1 U	0.2 U	NA	0.1 U	0.2 U
Benzo(a)anthracene	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.67	0.2 U	NA	0.1 U	0.2 U
Benzo(a)pyrene	0.2 U	0.1 U	0.2 U	R	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	R	0.2 U	0.2 U	0.34 J	0.2 U	NA	0.1 U	0.2 U
Benzo(b)fluoranthene	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 UJ	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.39	0.2 U	NA	0.1 U	0.2 U
Phenanthrene	0.2 U	0.1 U	0.85	0.22	0.2 U	0.1 U	0.2 U	0.1 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.2 U	0.31	0.2 U	NA	0.1 U	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.05 U	0.1 U	0.05 U	NA	0.1 U	0.05 U
HEPTACHLOR	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.02 U	0.05 U	0.02 U	NA	0.05 U	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
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Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-535S	MW-PC01D	MW-PC01D	MW-PC01M	MW-PC01M	MW-PC01S	MW-PC01S	MW-PC01S	MW-PC02D	MW-PC02D	MW-PC02M	MW-PC02S	MW-PC02S	MW-PC02S	MW-PC03D	MW-PC03D	MW-PC03D	MW-PC03S	MW-PC03S	MW-PC04D	MW-PC04D	MW-PC04D
Sample Location	OU2-MW-535S	OU1-MW-PC01D-07	RM-MW-1D-CTDEP-1109	OU1-MW-PC01M-07	RM-MW-1M-CTDEP-1109	OU1-MW-PC01S-07	RM-MW-1S-CTDEP-0509	RM-MW-1S-CTDEP-1109	OU1-MW-PC02D-07	RM-MW-2D-CTDEP-1109	OU1-MW-PC02M-07	OU1-MW-PC02S-07	RM-MW-2S-CTDEP-0509	RM-MW-2S-CTDEP-1109	OU1-MW-DUP23-07	OU1-MW-PC03D-07	RM-MW-3D-CTDEP-1109	OU1-MW-PC03S-07	RM-MW-3S-CTDEP-1109	OU1-MW-DUP28-07	OU1-MW-PC04D-07	RM-MW-4D-CTDEP-1109
Date Sampled	11/17/2009	1/17/2003	11/3/2009	1/17/2003	11/3/2009	1/17/2003	5/12/2009	11/6/2009	1/21/2003	11/3/2009	1/21/2003	1/21/2003	5/12/09	11/2/09	1/27/2003	1/27/2003	11/2/2009	1/27/2003	11/3/09	2/4/2003	2/4/2003	11/4/2009
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Field Dup. OU1-MW-PC03D-07	Field Dup. OU1-MW-PC03D-07	None	None	None	Field Dup. OU1-MW-PC04D-07	Field Dup. OU1-MW-PC04D-07	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	5 U	10 U	1 UJ	10 U	1 UJ	10 U	1 U	1 U	160000 *	140000 J	2200 *	10 U	1 U	1 UJ	4 J	8 J	1 UJ	2 J	1 UJ	10 U	10 U	1 U
1,1,2-TRICHLOROETHANE	5 U	10 U	1 U	10 U	1 U	10 U	1 U	1 U	36	21	1 J	10 U	1 U	1 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	1 U
1,1-DICHLOROETHANE	5 U	10 U	1 U	30	4.5 J	10 U	1 U	1 U	240	540	86	10 U	1 U	1 U	18 J	17 J	1 U	10 U	1 U	10 U	10 U	1 U
1,1-DICHLOROETHENE	5 U	0.9 U	1 U	3	1.2 J	0.9 U	1 U	1 U	34000 *	22000	520 *	0.9 U	1 U	1 U	9 J	8 J	1 U	0.9 U	1 U	0.9 U	0.9 U	1 U
1,2-DICHLOROETHANE	5 U	10 U	1.5	10 U	1 U	10 U	1 U	1 U	5 J	5 U	10 U	10 U	1 U	1 U	10 U	10 U	1.2	10 U	1.2	10 U	10 U	1 U
BENZENE	5 U	10 U	1 U	2 J	5.3 J	10 U	1 U	1 U	10 U	5 U	5 J	2 J	1 U	1 U	25 J	25 J	11	20 J	8.1	3 J	4 J	3.2
CHLOROBENZENE	5 U	7 J	3.2	610 *	1300 J	10 U	1 U	1 U	10	9.9	28	2 J	1 U	1 U	5900 *	5600 *	2700	6100 *	3500	270 J	530 *J	1000
CHLOROFORM	5 U	10 U	1 UJ	10 U	1 UJ	10 U	1 U	1 U	5 J	5 UJ	4 J	10 U	1 U	1 UJ	10 U	10 U	1 UJ	10 U	1 UJ	10 U	10 U	1 U
ETHYLBENZENE	5 U	10 U	1 U	10 U	1 U	10 U	1 U	1 U	2 J	5 U	10 U	10 U	1 U	1 U	2 J	1 J	1 U	58 J	1 U	10 U	10 U	1 U
m,p-Xylene	5 U	NA	1 U	NA	1 U	NA	1 U	1 U	NA	7.4	NA	NA	1 U	1 U	NA	NA	1 U	NA	1 U	NA	NA	1 U
METHYL TERT-BUTYL ETHER	5 U	65	320	1500 *	1100 J	10 U	1 U	1 U	10 U	5 U	11	10 U	1 U	1 U	1 J	10 U	1 U	10 U	1 U	10 U	10 U	1 U
METHYLENE CHLORIDE	5 U	10 UJ	1 U	10 UJ	1 U	10 UJ	1 U	1 U	10 UJ	5 U	10 U	10 UJ	1 U	1 U	10 U	10 U	1 U	10 U	1 U	10 U	10 UJ	1 U
TETRACHLOROETHENE	5 U	9 J	5.4	10 U	1.8	10 U	1 U	1 U	10 U	5 U	8 J	10 U	1 U	1 U	10 U	10 U	1 U	10 U	1 U	10 U	10 U	1 U
TRICHLOROETHENE	5 U	10 U	3.8 U	10 U	1 U	10 U	1 U	1 U	130	130	39	10 U	1 U	1 U	10 UJ	10 UJ	1 U	10 UJ	1 U	10 U	10 U	1 U
VINYL CHLORIDE	5 U	1 U	1 UJ	4	1 UJ	1 U	1 U	1 U	2	5 UJ	10	1 U	1 U	1 UJ	8 J	7 J	1 UJ	1 U	1 UJ	1 U	1 U	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	1.5 J	36.8 J	NA	2.3 U	NA	5.1	NA	NA	29.8	NA	18.1	70.4	NA	NA	113	115	NA	42.5	NA	64	64	NA
BERYLLIUM	5 UJ	43.9	NA	1.3 J	NA	1.1 U	NA	NA	23.4	NA	19.8 J	0.2 U	NA	NA	0.28 U	0.35 U	NA	0.32 U	NA	0.1 U	0.1 U	NA
CADMIUM	5 UJ	25.2 J	NA	1.1 J	NA	0.5 UJ	NA	NA	6 J	NA	9.1 J	0.3 U	NA	NA	0.5 U	0.5 U	NA	0.5 U	NA	0.3 U	0.3 U	NA
COPPER	24.6 J	237 J	NA	0.8 UJ	NA	0.8 UJ	NA	NA	38.1 J	NA	14 J	3.8	NA	NA	0.8 U	0.8 U	NA	0.8 U	NA	0.6 U	0.6 U	NA
LEAD	10 UJ	26.5 J	NA	1.5 UJ	NA	1.8 UJ	NA	NA	1.3 U	NA	2.3 J	2.8	NA	NA	2.3 UJ	1.5 U	NA	2.8 UJ	NA	2.2 U	2.2 U	NA
ZINC	298	3260 J	NA	90.4 J	NA	13.7 UJ	NA	NA	2090 J	NA	1110 J	13.5 J	NA	NA	8.6 U	5.5 U	NA	10.8 U	NA	6.5	5.3	NA
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	5 U	10 U	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U	4 J	NA	NA	10 U	10 U	NA	10 U	NA	10 U	10 U	NA
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.1 U	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	1.3	NA	NA	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.2 U	NA
Benzo(a)anthracene	0.1 U	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.2 U	NA
Benzo(a)pyrene	R	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 UJ	0.2 UJ	NA	0.2 UJ	NA	0.2 UJ	0.2 UJ	NA
Benzo(b)fluoranthene	0.1 U	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.2 U	NA
Phenanthrene	0.1 U	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.47	NA	0.2 U	3.1	NA	NA	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.2 U	NA
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.1 U	0.05 U	NA	0.05 U	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U	0.05 U	NA	NA	0.05 U	0.05 U	NA	0.05 U	NA	0.05 U	0.05 U	NA
HEPTACHLOR	0.05 U	0.02 U	NA	0.02 U	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U	0.02 U	NA	NA	0.062	0.069	NA	0.02 U	NA	0.02 U	0.02 U	NA

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-PC04S	MW-PC04S	MW-PC04S	MW-PC05D	MW-PC05D	MW-PC05M	MW-PC05M	MW-PC05S	MW-PC05S	MW-PC06D	MW-PC06D	MW-PC06M	MW-PC06M	MW-PC06M	MW-PC06S	MW-PC06S	MW-PC07S	MW-PC07S	MW-PC07S	MW-PC08D	MW-PC08D	MW-PC08S
Sample Location	OU1-MW-PC04S-07	RM-MW-4S-CTDEP-0509	RM-MW-4S-CTDEP-1109	OU1-MW-PC05D-07	RM-MW-5D-CTDEP-1109	OU1-MW-PC05M-07	RM-MW-5M-CTDEP-1109	OU1-MW-PC05S-07	RM-MW-5S-CTDEP-1109	OU1-MW-PC06D-07	RM-MW-6D-CTDEP-1109	OU1-MW-PC06M-07	RM-MW-6M-CTDEP-0509	RM-MW-6M-CTDEP-1109	OU1-MW-PC06S-07	RM-MW-6S-CTDEP-1109	OU1-MW-PC07S-07	RM-MW-7S-CTDEP-0509	RM-MW-7S-CTDEP-1109	OU1-MW-PC08D-07	RM-MW-8D-CTDEP-1109	OU1-MW-PC08S-07
Date Sampled	2/4/2003	5/12/09	11/4/09	2/4/2003	11/4/09	2/4/2003	11/4/09	2/4/2003	11/4/09	1/20/2003	11/2/09	1/16/2003	5/12/09	11/2/09	1/16/2003	11/2/09	1/16/2003	5/12/09	11/4/09	1/29/2003	11/5/2009	1/29/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 UJ	10 U	1 U	1 UJ	10 UJ	5 UJ	10 U	1 U	1 U	130	75	200
1,1,2-TRICHLOROETHANE	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5 U	10 U	1 U	1 U	10 U	1 U	10 U
1,1-DICHLOROETHANE	10 U	2 U	5 U	1 J	1 U	5 J	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5 U	10 U	1 U	1 U	13	3.6	25
1,1-DICHLOROETHENE	0.9 U	2 U	5 U	0.9 U	1 U	0.9 U	1 U	0.9 U	1 U	0.9 UJ	1 U	0.9 U	1 U	1 U	0.9 UJ	5 U	0.9 U	NA	1 U	23 J	10	27
1,2-DICHLOROETHANE	10 U	2 U	5 U	8 J	7.4	10 U	5	10 U	1 U	4 J	1 U	10 U	1 U	1.5 J	10 UJ	5 U	10 U	1 U	1 U	10 U	1 U	10 U
BENZENE	2 J	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5 U	10 U	1 U	1 U	10 U	1 U	10 U
CHLOROBENZENE	100 J	5.1	7.5	26	33	11	13	10 U	1 U	16 J	2.8	1 J	1 U	2.8	9 J	15	12	1.1	2.4	2 J	2.5	2 J
CHLOROFORM	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 UJ	10 U	1 U	1 UJ	10 UJ	5 UJ	10 U	1 U	1 U	10 U	1 U	10 U
ETHYLBENZENE	1600 *	18	34	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5 U	10 U	1 U	1 U	10 U	1 U	10 U
m,p-Xylene	NA	28	84	NA	1 U	NA	1 U	NA	1 U	NA	1 U	NA	1 U	1 U	NA	6.8	NA	1 U	1 U	NA	1 U	NA
METHYL TERT-BUTYL ETHER	10 U	2 U	5 U	10 U	1 U	1 J	1 U	10 UJ	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5 U	10 U	1 U	1 U	10 U	1 U	10 U
METHYLENE CHLORIDE	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1	10 UJ	1 U	10 UJ	1 U	1 U	10 UJ	5 U	10 UJ	1 U	1 U	10 UJ	1 U	10 UJ
TETRACHLOROETHENE	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	NA	1 U	10 UJ	5 U	10 U	NA	1 U	10 U	1 U	10 U
TRICHLOROETHENE	10 U	2 U	5 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	1 U	10 UJ	5.7	10 U	NA	1 U	55	46	6 J
VINYL CHLORIDE	1 U	2 U	5 U	0.8 J	1 U	5	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	NA	1 UJ	NA	1 U	1 U	1 U	2	1.9	14
TAL Metal Analysis (UG/L)																						
ARSENIC	4.8 U	NA	NA	18.9	NA	44.7	NA	4.8 U	NA	3.6 UJ	NA	NA	NA	NA	9.7 J	NA	90.7	NA	NA	33.9	NA	16.8
BERYLLIUM	0.1 U	NA	NA	0.11 UJ	NA	0.13 UJ	NA	0.1 UJ	NA	0.2 UJ	NA	NA	NA	NA	0.2 UJ	NA	1.1 U	NA	NA	0.28 U	NA	0.24 U
CADMIUM	0.3 U	NA	NA	0.3 U	NA	0.3 U	NA	0.3 U	NA	0.33 UJ	NA	NA	NA	NA	0.3 UJ	NA	0.5 UJ	NA	NA	0.5 U	NA	0.5 U
COPPER	1.5 U	NA	NA	0.6 U	NA	0.6 U	NA	0.6 U	NA	2.9 J	NA	NA	NA	NA	10 J	NA	0.8 UJ	NA	NA	1.1 UJ	NA	0.8 U
LEAD	2.2 U	NA	NA	2.2 U	NA	2.2 U	NA	2.2 U	NA	1.3 UJ	NA	NA	NA	NA	5.1 UJ	NA	1.5 UJ	NA	NA	2 UJ	NA	2.1 UJ
ZINC	1.4 U	NA	NA	2.8	NA	5.2	NA	10.1	NA	2.4 J	NA	NA	NA	NA	6 J	NA	10 UJ	NA	NA	12.6 U	NA	12.3 U
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	10 U	NA	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U
Benzo(a)anthracene	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 UJ	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U
Benzo(a)pyrene	0.2 UJ	NA	NA	0.2 UJ	NA	0.2 UJ	NA	0.2 UJ	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 UJ	NA	0.2 UJ
Benzo(b)fluoranthene	0.2 UJ	NA	NA	0.2 U	NA	0.2 U	NA	0.2 UJ	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U
Phenanthrene	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA	0.21	NA	0.2 U	NA	NA	0.2 U	NA	0.24
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	0.05 U	NA	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U
HEPTACHLOR	0.02 U	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U

Notes:

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2. Highlighted Value = Laboratory Detected Concen
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Stratford, Connecticut

Sample Number	MW-PC08S	MW-PC09D	MW-PC09D	MW-PC09D	MW-PC09S	MW-PC09S	MW-PC09S	MW-PC10D	MW-PC10D	MW-PC10M	MW-PC10M	MW-PC10M	MW-PC10M	MW-PC10S	MW-PC10S	MW-PC10S	MW-PC10S	MW-PC11D	MW-PC11D	MW-PC11M	MW-PC11M	MW-PC11S
Sample Location	RM-MW-8S-CTDEP-1109	OU1-MW-PC09D-07	RM-MW-9D-CTDEP-0509	RM-MW-9D-CTDEP-1109	OU1-MW-PC09S-07	RM-MW-9S-CTDEP-0509	RM-MW-9S-CTDEP-1109	OU1-MW-PC10D-07	RM-MW-10D-CTDEP-1109	OU1-MW-DUP20-07	OU1-MW-PC10M-07	RM-MW-10M-CTDEP-1109	RM-MW-10M-CTDEP-1109	OU1-MW-DUP19-07	OU1-MW-PC10S-07	RM-MW-10S-CTDEP-0509	RM-MW-10S-CTDEP-1109	OU1-MW-PC11D-07	RM-MW-11B-CTDEP-1109	OU1-MW-PC11M-07	RM-MW-11B-CTDEP-1109	OU1-MW-PC11S-07
Date Sampled	11/5/09	1/20/2003	5/12/09	11/5/09	1/20/2003	5/12/09	11/5/09	1/21/2003	11/4/2009	1/21/2003	1/21/2003	11/4/09	11/9/2009	1/16/2003	1/16/2003	5/12/09	11/4/09	1/22/2003	11/6/09	1/22/2003	11/6/09	1/22/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	Field Dup. OU1-MW-PC10M-07	Field Dup. OU1-MW-PC10M-07	None	None	Field Dup. OU1-MW-PC10S-07	Field Dup. OU1-MW-PC10S-07	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	55	950 *	160	430	660 *J	420	88	28	4.1	7 J	7 J	2.1 J	NA	10 U	10 U	1 U	1 U	40	3.1	5 J	1 U	10 U
1,1,2-TRICHLOROETHANE	1 U	10 U	1 U	1 U	1 J	1 U	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	1 J	1 U	10 U	1 U	10 U
1,1-DICHLOROETHANE	15	44	22	19	120 J	65	13	4 J	2.2	2 J	2 J	1.6 J	NA	10 U	10 U	1 U	1 U	12	3.1	3 J	1.2	19
1,1-DICHLOROETHENE	1.6	230	10	32 J	130 J	17	7.7	16	3.8	4	4	1.9 J	NA	0.9 U	0.9 U	1 U	1 U	23	5	3	1 U	3
1,2-DICHLOROETHANE	1 U	10 U	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	10 U	1 U	10 U	1 U	10 U
BENZENE	1 U	10 U	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	10 U	1 U	10 U	1 U	2 J
CHLOROBENZENE	1.3	7 J	3.4	4.7	2 J	3.4	3	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	7 J	1.4	10 U	1 U	6
CHLOROFORM	1 U	1 J	1 U	1 U	10 UJ	1 U	1 U	2 J	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	6 J	1.5	10 U	1 U	10 U
ETHYLBENZENE	1 U	10 U	NA	1 U	10 UJ	NA	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	NA	1 U	10 U	1 U	10 U	1 U	10 U
m,p-Xylene	1 U	NA	1 U	1 U	NA	1 U	1 U	NA	1 U	NA	NA	1 U	NA	NA	NA	1 U	1 U	NA	1 U	NA	1 U	NA
METHYL TERT-BUTYL ETHER	1 U	10 U	1 U	1 UJ	10 UJ	1 U	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 U	10 U	1 U	1 U	10 U	1 U	10 U	1 U	10 U
METHYLENE CHLORIDE	1 U	10 UJ	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	10 U	1 U	NA	10 UJ	10 UJ	1 U	1 U	10 U	1 U	10 U	1 U	10 U
TETRACHLOROETHENE	1 U	10 U	1 U	1 U	10 UJ	1 U	<1.0 U	5 J	2.9	1 J	2 J	1.3 J	NA	10 U	10 U	1 U	1 U	4 J	1.5	10 U	1 U	10 U
TRICHLOROETHENE	2.7	640 *	9.6	250	19 UJ	6.4	2.3	1500 *	710	400	430 *	160 J	NA	47	51	3.8 J	26	820 *	130	93	13	10 U
VINYL CHLORIDE	26	63	120	69 J	370 *J	310	79	5	4	3 J	5 J	2.4 J	NA	1 U	1 U	1 U	1 U	4	1 U	1	1 U	110
TAL Metal Analysis (UG/L)																						
ARSENIC	NA	22.9	NA	NA	47.8	NA	NA	3.6 U	NA	3.6 U	3.6 U	NA	NA	2.3 U	2.3 U	NA	NA	3.6 U	NA	3.6 U	NA	47.7
BERYLLIUM	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.25 UJ	NA	0.2 U	0.2 U	NA	NA	1.1 U	1.1 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
CADMIUM	NA	0.3 U	NA	NA	0.3 U	NA	NA	0.3 U	NA	0.3 U	0.3 U	NA	NA	30	30.8	NA	NA	18.6	NA	3.2	NA	0.3 U
COPPER	NA	2.4	NA	NA	2 J	NA	NA	3	NA	6.2	7.1	NA	NA	831	763	NA	NA	11.6	NA	6	NA	1.6 J
LEAD	NA	1.3 U	NA	NA	1.3 U	NA	NA	1.3 U	NA	1.3 U	1.3 U	NA	NA	37.4	37.1	NA	NA	4.7	NA	1.3 U	NA	1.3 U
ZINC	NA	0.6 UJ	NA	NA	1.9 J	NA	NA	0.6 UJ	NA	27.2 J	13.1 J	NA	NA	270 J	247	NA	NA	194	NA	134	NA	0.6 UJ
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	10 U	10 U	NA	NA	10 U	10 U	NA	NA	10 U	NA	10 U	NA	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(a)anthracene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(a)pyrene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(b)fluoranthene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
Phenanthrene	NA	0.2 U	NA	NA	0.45	NA	NA	0.2 U	NA	0.2 U	0.2 U	NA	NA	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	NA	0.05 U	NA	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U	0.05 U	NA	NA	0.05 U	0.05 U	NA	NA	0.05 U	NA	0.05 U	NA	0.05 U
HEPTACHLOR	NA	0.02 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U	0.02 U	NA	NA	0.02 U	0.02 U	NA	NA	0.026	NA	0.02 U	NA	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-PC11S	MW-PC12D	MW-PC12D	MW-PC12D	MW-PC12S	MW-PC12S	MW-PC12S	MW-PC13D	MW-PC13D	MW-PC13D	MW-PC13M	MW-PC13M	MW-PC13S	MW-PC13S	MW-PC13S	MW-PC14D	MW-PC14D	MW-PC14S	MW-PC14S	MW-PC15D	MW-PC15D	MW-PC15S
Sample Location	RM-MW-11B-CTDEP-1109	OU1-MW-PC12D-07	RM-MW-12D-CTDEP-1109	RM-MW-12D-CTDEP-1109	OU1-MW-PC12S-07	RM-MW-12S-CTDEP-0509	RM-MW-12S-CTDEP-1109	OU1-MW-PC13D-07	RM-MW-13D-CTDEP-0509	RM-MW-13D-CTDEP-1109	OU1-MW-PC13M-07	RM-MW-13M-CTDEP-1109	OU1-MW-PC13S-07	RM-MW-13S-CTDEP-0509	RM-MW-13S-CTDEP-1109	OU1-MW-PC14D-07	RM-MW-14D-CTDEP-1109	OU1-MW-PC14S-07	RM-MW-14S-CTDEP-1109	OU1-MW-PC15D-07	RM-MW-15D-CTDEP-1109	OU1-MW-PC15S-07
Date Sampled	11/6/09	1/16/2003	11/5/09	11/5/2009	1/16/2003	5/12/09	11/5/09	1/24/2003	5/12/09	11/3/09	1/29/2003	11/4/09	1/24/2003	5/12/09	11/3/09	1/22/2003	11/5/09	1/23/2003	11/5/09	1/16/2003	11/3/09	1/20/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical																						
Volatile Organic Analysis (UG/L)																						
1,1,1-TRICHLOROETHANE	1 U	110	45	42	10 U	1 U	1 U	9 J	3.2	22 J	11	1.2	2 J	1.6	2 J	130	70	7 J	1 U	10 U	1 UJ	10 U
1,1,2-TRICHLOROETHANE	1 U	5 J	10 U	10 U	10 U	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	1 U	1 U	3 J	10 U	10 U	1 U	10 U	1 U	10 U
1,1-DICHLOROETHANE	6.9	37	23	20	20	19	20	5 J	2.9	6.2	13	1.5	2 J	2.0	2.9	37	32	29	56	43	18	41
1,1-DICHLOROETHENE	1 U	87	43	45	0.9 U	1 U	1 U	7 J	4.9	33	4	1 U	0.9 U	1 U	1.4	73	72	12	7.4	2	3	0.9 U
1,2-DICHLOROETHANE	1 U	4 J	10 U	10 U	10 U	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	1 U	1 U	4 J	10 U	10 U	1 U	10 U	1 U	10 U
BENZENE	1 U	6 J	10 U	10 U	4 J	1.8	1.5	10 UJ	1 U	1 U	10 U	1 U	10 U	1 U	1 U	13	10	13	10	2 J	1 U	1 J
CHLOROBENZENE	2.7	110	61	62	95	34	33	10 UJ	1 U	2.2	10 U	1 U	10 U	1 U	1	160 J	96	740 *	530	160	31	84
CHLOROFORM	1 U	26	23	21	10 U	1 U	1 U	5 J	1 U	1 UJ	2 J	1 U	10 U	1 U	1 UJ	46	23	61	1 U	10 U	1 UJ	10 U
ETHYLBENZENE	1 U	2 J	10 U	10 U	10 U	1 U	1 U	10 UJ	1 U	1 U	10 U	1 U	10 U	1 U	1 U	10	10 U	16	1 U	10 U	1 U	10 U
m,p-Xylene	1 U	NA	10 U	10 U	NA	1 U	1 U	NA	1 U	1 U	NA	1 U	NA	1 U	1 U	NA	41	NA	1 U	NA	NA	NA
METHYL TERT-BUTYL ETHER	1 U	10 U	10 U	10 U	10 U	1.2	1.1	10 UJ	1 U	1 U	10 U	1 U	1 J	1 U	1 U	10 U	10 U	10 U	1 U	10 U	1 U	10 U
METHYLENE CHLORIDE	1 U	79 J	54	60	10 UJ	1 U	1 U	10 UJ	1 U	1 U	10 UJ	1 U	10 U	1 U	1 U	190	120	10 U	1 U	10 UJ	1 U	10 UJ
TETRACHLOROETHENE	1 U	20	11	12	10 U	1 U	1 U	3 J	3.2	6.3	5 J	1.5	10 U	1 U	1	21	17	10 U	1 U	10 U	1 U	10 U
TRICHLOROETHENE	1 U	7200 *	4600	4800	10 U	1 U	1 U	400 *	300	460	42	17	34	40	60	11000 *	7800	180	17	25	2.9 U	5 J
VINYL CHLORIDE	41	73	13	14	19	9.6	35	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	29	10 U	530 *	320	4	1.6 J	1 U
TAL Metal Analysis (UG/L)																						
ARSENIC	NA	2.3 U	NA	NA	2.3 U	NA	NA	3.6 UJ	NA	NA	3.9 UJ	NA	3.6 UJ	NA	NA	9.9 J	NA	28.5 J	NA	99.3	NA	54.3
BERYLLIUM	NA	1.1 U	NA	NA	1.1 U	NA	NA	0.2 UJ	NA	NA	0.5 U	NA	0.2 UJ	NA	NA	8.4 J	NA	0.2 UJ	NA	1.1 U	NA	0.2 U
CADMIUM	NA	13.5	NA	NA	0.5 UJ	NA	NA	110 J	NA	NA	0.5 U	NA	4.4 J	NA	NA	5.1 J	NA	0.3 UJ	NA	0.5 UJ	NA	0.3 U
COPPER	NA	6.3 J	NA	NA	120	NA	NA	15.7 J	NA	NA	5 U	NA	9.9 J	NA	NA	1300 J	NA	11.3 J	NA	0.8 UJ	NA	18.7
LEAD	NA	1.5 UJ	NA	NA	1.5 UJ	NA	NA	2.1 UJ	NA	NA	1.5 U	NA	1.3 UJ	NA	NA	12.6 UJ	NA	4.3 UJ	NA	1.5 UJ	NA	1.3 U
ZINC	NA	2050 J	NA	NA	45.3 UJ	NA	NA	306 J	NA	NA	31.3 U	NA	20.7 J	NA	NA	1210 J	NA	86.9 J	NA	144 J	NA	240
Semivolatile Organic Analysis (UG/L)																						
PHENANTHRENE	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	NA	10 U	NA	10 U	NA	NA	10 U	NA	10 U	NA	10 U	NA	10 U
Low Concentration PAH (SIM) Analysis (UG/L)																						
Acenaphthylene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	R	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(a)anthracene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 UJ	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(a)pyrene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 UJ	NA	NA	0.2 UJ	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U
Benzo(b)fluoranthene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U
Phenanthrene	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U
Pesticide/PCB Analysis (UG/L)																						
DIELDRIN	NA	0.05 U	NA	NA	0.05 U	NA	NA	0.05 U	NA	NA	0.05 U	NA	0.05 U	NA	NA	0.05 UJ	NA	0.05 U	NA	0.05 U	NA	0.05 U
HEPTACHLOR	NA	0.02 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	NA	0.02 U	NA	0.02 U	NA	NA	0.02 UJ	NA	0.02 U	NA	0.02 U	NA	0.02 U

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-1
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Overburden Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-PC15S	MW-PC15S	MW-PC15S	MW-PC16D	MW-PC16D	MW-PC16D	MW-PC16M	MW-PC16M	MW-PC16S	MW-PC16S	MW-PC16S
Sample Location	RM-MW-15S-CTDEP-0509	RM-MW-15S-DUP-0509	RM-MW-15S-CTDEP-1109	OU1-MW-DUP26-07	OU1-MW-PC16D-07	RM-MW-16D-CTDEP-1109	OU1-MW-PC16M-07	RM-MW-16M-CTDEP-1109	OU1-MW-PC16S-07	RM-MW-16S-CTDEP-1109	RM-MW-16S-DUP-1109
Date Sampled	5/12/2009	5/12/2009	11/4/09	1/31/2003	1/31/2003	11/3/09	1/31/2003	11/3/09	1/31/2003	11/2/09	11/2/09
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	Field Dup. RM-MW-15S-CTDEP-0509	None	Field Dup. OU1-MW-PC16D-07	Field Dup. OU1-MW-PC16D-07	None	None	None	None	None	Field Dup. RM MW-16S-CTDEP-1109
Zone	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden	Overburden
Chemical											
Volatile Organic Analysis (UG/L)											
1,1,1-TRICHLOROETHANE	1 U	1 U	1 UJ	NA	370 J	230 J	430 *	61 J	2 J	1 UJ	1 UJ
1,1,2-TRICHLOROETHANE	1 U	1 U	1 U	NA	10 U	1 U	10 U	1 U	10 U	1 U	1 U
1,1-DICHLOROETHANE	1 U	1 U	1.1	NA	16	17	22	10	10 U	1 U	1 U
1,1-DICHLOROETHENE	1 U	1 U	1 U	NA	150	240	180	54	0.9 U	1 U	1 U
1,2-DICHLOROETHANE	1 U	1 U	1 U	NA	10 U	1 U	10 U	1 U	10 U	1 U	1 U
BENZENE	1 U	1 U	1 U	NA	20	4.7	10 U	1 U	10 U	1 U	1 U
CHLOROBENZENE	1 U	1 U	2.2	NA	42	21	4 J	1.2	10 U	1 U	1 U
CHLOROFORM	1 U	1 U	1 UJ	NA	8 J	4.7 J	8 J	2.5 J	10 U	1 UJ	1 UJ
ETHYLBENZENE	1 U	1 U	1 U	NA	10 U	1 U	10 U	1 U	10 U	1 U	1 U
m,p-Xylene	NA	NA	NA	NA	NA	1 U	NA	1 U	NA	1 U	1 U
METHYL TERT-BUTYL ETHER	1 U	1 U	1 U	NA	10 UJ	6.2	10 UJ	18	10 UJ	1 U	1 U
METHYLENE CHLORIDE	1 U	1 U	1 U	NA	140	5 U	39	5 U	10 U	1 U	1 U
TETRACHLOROETHENE	1 U	1 U	1 U	NA	6 J	8.5	4 J	1.6	10 U	1 U	1 U
TRICHLOROETHENE	1 U	1 U	5.1	NA	1600 *	330	73	25	10 U	1.6	1.6
VINYL CHLORIDE	1 U	1 U	1 UJ	NA	36	9.2 J	0.9 J	1 UJ	1 U	1 U	1 UJ
TAL Metal Analysis (UG/L)											
ARSENIC	NA	NA	NA	NA	2.3 U	NA	2.3 U	NA	2.3 U	NA	NA
BERYLLIUM	NA	NA	NA	NA	0.52 U	NA	0.59 U	NA	0.61 U	NA	NA
CADMIUM	NA	NA	NA	NA	0.91 UJ	NA	387	NA	22.1	NA	NA
COPPER	NA	NA	NA	NA	2.2 U	NA	81.1	NA	26.7 U	NA	NA
LEAD	NA	NA	NA	NA	1.5 U	NA	1.5 UJ	NA	12.6 U	NA	NA
ZINC	NA	NA	NA	NA	21.1 U	NA	10800	NA	1070	NA	NA
Semivolatile Organic Analysis (UG/L)											
PHENANTHRENE	NA	NA	NA	NA	10 U	NA	10 UJ	NA	10 U	NA	NA
Low Concentration PAH (SIM) Analysis (UG/L)											
Acenaphthylene	NA	NA	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	0.2 UJ	NA	0.2 UJ	NA	0.2 UJ	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA
Phenanthrene	NA	NA	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	NA
Pesticide/PCB Analysis (UG/L)											
DIELDRIN	NA	NA	NA	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	NA
HEPTACHLOR	NA	NA	NA	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	NA

Notes:

1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.

2. Highlighted Value = Laboratory Detected Concen
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentr

Appendix E
Table E-2
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Bedrock Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-104B	MW-104B	MW-201B	MW-201B	MW-211B	MW-211B	MW-213B	MW-213B	MW-215B	MW-215B	MW-301B	MW-301B	MW-302B	MW-302B
Sample Location	OU2-MW-104B-07	OU2-MW-104B	OU2-MW-201B-07	OU2-MW-201B	OU2-MW-211B-07	OU2-MW-211B	OU2-MW-213B-07	OU2-MW-213B	OU2-MW-215B-07	OU2-MW-215B	OU2-MW-301B-07	OU2-MW-301B	OU2-MW-302B-07	OU2-MW-302B
Date Sampled	12/12/2002	11/4/2009 10:50:00 AM	12/18/2002	11/10/2009 10:50:00 AM	12/11/2002	11/3/2009 3:35:00 PM	1/9/2003	10/27/2009 2:25:00 PM	1/15/2003	10/29/2009 10:25:00 AM	1/15/2003	10/29/2009 1:00:00 PM	1/9/2003	10/28/2009 10:55:00 AM
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock
Chemical														
Volatile Organic Analysis (UG/L)														
1,1,1-TRICHLOROETHANE	2 J	5 U	10 U	0.5 U	24000 *	880 D	1000 *	120 J	4 J	4.1	16	4.3 J	220	14
1,1,2-TRICHLOROETHANE	10 U	5 U	10 U	0.5 U	67	16	3 J	5 UJ	10 U	0.5 U	10 U	5 UJ	10 U	5 U
1,1-DICHLOROETHANE	12	5 U	10 U	0.5 U	630 J*	430 D	270	140 J	1 J	2.1	25	14 J	90	17
1,1-DICHLOROETHENE	5 J	5 U	0.9 U	0.5 U	24000 *	4200 D	740 *	210 DJ	2	4.5	16	9.9 J	210	35
1,2-DICHLOROETHANE	10 U	5 U	10 U	0.5 U	10 U	5 U	2 J	5 UJ	10 U	0.5 U	10 U	5 UJ	10 U	5 U
BENZENE	10 U	5 U	10 U	0.5 U	10 U	5 U	10 U	5 UJ	10 U	0.5 U	10 U	5 UJ	10 U	5 U
CHLOROBENZENE	2 J	5 U	10 U	0.5 U	6 J	5 U	2 J	10 J	10 U	0.5 U	9 J	10 J	10 U	5 U
CHLOROFORM	10 U	5 U	10 U	0.5 U	14	5.3	2 J	5 UJ	10 U	0.5 U	10 U	5 UJ	10 U	5 U
TETRACHLOROETHENE	10 U	5 U	10 U	0.5 U	10 U	5 U	5 J	2.4 J	10 U	0.5 U	13	14 J	8 J	3.4 J
TRICHLOROETHENE	66	17	10 U	0.5 U	94	12	1200 *	480 DJ	5 J	9.7 U	76	43 J	1200 *	330 D
VINYL CHLORIDE	4	5 U	1 U	0.5 U	9	5 U	15	9.2 J	1 U	0.5 U	0.6 J	5 UJ	4	5 U
TAL Metal Analysis (UG/L)														
ARSENIC	2.9 U	0.44 J	3 U	1 U	130	11.2 J	4.8 U	0.67 J	2.3 U	1 U	2.3 U	1 U	4.8 U	1 U
BERYLLIUM	0.12 UJ	5 U	0.2 U	5 U	94.2 J	3.3 J	0.1 U	5 U	1.1 U	5 U	1.1 U	5 U	0.1 U	5 U
CHROMIUM	0.9 U	10 U	0.8 U	10 U	0.9 U	10 U	0.6 U	10 U	0.5 U	10 U	3.3 U	10 U	0.6 U	10 U
ZINC	12.6 U	10 J	1.1 UJ	8.7 J	7320	50.4 J	13.7	19.4 J	19.8 UJ	60 U	29.1 UJ	60 U	R	60 U
Low Concentration PAH (SIM) Analysis (UG/L)														
Phenanthrene	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.22	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U
Pesticide/PCB Analysis (UG/L)														
DIELDRIN	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.42	0.13	0.05 U	0.1 U	0.05 U	0.1 U
HEPTACHLOR	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.05 U

Notes:
1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.
2. Highlighted Value = Laboratory Detected Concentration
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentration

Appendix E
Table E-2
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Bedrock Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-310B	MW-310B	MW-501B	MW-501B	MW-505B	MW-505B	MW-507B	MW-507B	MW-514B	MW-514B	MW-PC01B	MW-PC01B	MW-PC02B
Sample Location	OU2-MW-310B-07	OU2-MW-310B	OU2-MW-501B-07	OU2-MW-501B	OU2-MW-505B-07	OU2-MW-505B	OU2-MW-507B-07	OU2-MW-507B	OU2-MW-514B-07	OU2-MW-514B	OU1-MW-PC01B-07	RM-MW-1B-CTDEP-1109	OU1-MW-PC02B-07
Date Sampled	12/19/2002	11/3/2009 2:30:00 PM	12/16/2002	11/2/2009 2:55:00 PM	12/16/2002	11/11/2009 3:00:00 PM	1/7/2003	10/27/2009 9:55:00 AM	1/9/2003	10/29/2009 10:40:00 AM	1/17/2003	11/6/2009	1/21/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None
Zone	Bedrock	Bedrock	pgradient Bedro	pgradient Bedro	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock
Chemical													
Volatile Organic Analysis (UG/L)													
1,1,1-TRICHLOROETHANE	370	45 D	10 U	0.5 U	100	10	1300 *	NA	2000 *	700 D	10 U	1 U	120000 *
1,1,2-TRICHLOROETHANE	4 J	5 U	10 U	0.5 U	3 J	1.1 J	2 J	5 UJ	14	9.8	10 U	1 U	96
1,1-DICHLOROETHANE	270	81	10 U	0.5 U	59	25	440 *	NA	510 *	430 D	10 U	1 U	330
1,1-DICHLOROETHENE	730 *	240 D	0.9 U	0.5 U	170	55	1100 *	NA	3700 *	1800 D	0.9 U	1 U	40000 *
1,2-DICHLOROETHANE	4 J	5 U	10 U	0.5 U	3 J	5 U	2 J	5 UJ	9 J	5 U	10 U	1 U	8 J
BENZENE	24	2.7 J	10 U	0.5 U	5 J	5 U	10 U	5 UJ	10 U	5 U	10 U	1 U	10 U
CHLOROBENZENE	52	17	10 U	0.5 U	88	2.1 J	5 J	20 J	8 J	2.7 J	1 J	1 U	10
CHLOROFORM	2 J	5 U	10 U	0.5 U	14	2 J	3 J	5 UJ	6 J	4.5 J	10 U	1 U	11
TETRACHLOROETHENE	4 J	5 U	10 U	0.5 U	10	1.1 J	5 J	2.9 J	4 J	5 U	2 J	1.1 J	10 U
TRICHLOROETHENE	1100 *	490 D	10 U	0.5 U	3300 *	470 D	620 *	NA	1100 *	64	10 U	7.4 U	190
VINYL CHLORIDE	160	55	1 U	0.5 U	81	5 U	16	8.4 J	24	10	1 U	1 U	6
TAL Metal Analysis (UG/L)													
ARSENIC	2.5 U	0.45 J	3 U	0.23 J	3 U	0.91 J	4.8 U	1 U	16.4	1.4	74.4 J	NA	32.3
BERYLLIUM	0.29 U	5 UJ	0.2 U	5 U	0.2 U	5 UJ	0.1 U	5 U	4.4	4.6 J	53.9	NA	21.9 J
CHROMIUM	13.3 J	10 U	0.8 U	10 U	0.8 U	10 U	0.6 U	10 U	3.4	10 J	56.8 J	NA	0.7 U
ZINC	23.4 J	19 J	1.1 UJ	33.6 J	1.1 UJ	5 J	8.5	60 U	953 J	186	5150 J	NA	1990 J
Low Concentration PAH (SIM) Analysis (UG/L)													
Phenanthrene	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	0.1 U	0.2 U	NA	0.2 U
Pesticide/PCB Analysis (UG/L)													
DIELDRIN	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	NA	0.05 U
HEPTACHLOR	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	0.058	0.02 U	0.05 U	0.02 U	0.05 U	0.02 U	NA	0.02 U

Notes:
1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.
2. Highlighted Value = Laboratory Detected Concentration
3. U = Not Detected
4. UJ = Detection Limit Approximate
5. J = Quantitation Approximate
6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
9. EMPC = Estimated Maximum Potential Concentration

Appendix E
Table E-2
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Bedrock Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-PC02B	MW-PC03B	MW-PC03B	MW-PC04B	MW-PC04B	MW-PC05B	MW-PC05B	MW-PC06B	MW-PC06B	MW-PC08B	MW-PC08B	MW-PC10B	MW-PC10B	MW-PC11B	MW-PC11BF	MW-PC11B	MW-PC12B
Sample Location	RM-MW-2B-CTDEP-1109	OU1-MW-PC03B-07	RM-MW-3B-CTDEP-1109	OU1-MW-PC04B-07	RM-MW-4B-CTDEP-1109	OU1-MW-PC05B-07	RM-MW-5B-CTDEP-1109	OU1-MW-PC06B-07	RM-MW-6B-CTDEP-1109	OU1-MW-PC08B-07	RM-MW-8B-CTDEP-1109	OU1-MW-PC10B-07	RM-MW-10B-CTDEP-1109	OU1-MW-PC11B-07	OU1-MW-PC11BF-07	RM-MW-11B-CTDEP-1109	OU1-MW-PC12B-07
Date Sampled	11/3/2009	1/27/2003	11/3/2009	2/4/2003	11/4/2009	2/4/2003	11/4/09	1/20/2003	11/2/09	1/29/2003	11/5/2009	1/21/2003	11/4/2009	1/22/2003	1/22/2003	11/6/09	1/21/2003
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0		0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None	None	None	None	None	None		None	None
Zone	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Overburden	Bedrock		Bedrock	Bedrock
Chemical																	
Volatile Organic Analysis (UG/L)																	
1,1,1-TRICHLOROETHANE	26000 J	13	13 J	10 U	1 U	160	25	6 J	1.6 J	21	120	4 J	1 U	10 U	NA	1 U	17
1,1,2-TRICHLOROETHANE	20 U	10 U	1 U	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1.2	10 U	1 U	10 U	NA	1 U	10 U
1,1-DICHLOROETHANE	4600	26	27	10 U	1 U	31	48	120 J	120	10	38	10 U	1.2	10 U	NA	1 U	4 J
1,1-DICHLOROETHENE	11000	29 J	71	0.9 U	1 U	100	36	110 J	150	28	230	4	3.9	0.9 U	NA	1 U	9
1,2-DICHLOROETHANE	20 U	10 U	1 U	10 U	1 U	10 U	1.7	10 UJ	1 U	10 U	1.2	10 U	1 U	10 U	NA	1 U	10 U
BENZENE	20 U	10 U	7.2	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	1 U	10 U	1.2	10 U	NA	1 U	10 U
CHLOROBENZENE	20 U	46	1200	32	2.9	4 J	2.2	9 J	8.1	3 J	2.9	5 J	8.2	10 U	NA	1 U	4 J
CHLOROFORM	20 UJ	10 U	1 UJ	10 U	1 U	1 J	1 U	10 UJ	1 UJ	10 U	1.7	10 U	1 U	10 U	NA	1 U	5 J
TETRACHLOROETHENE	20 U	10 U	1.3	10 U	1 U	10 U	1 U	10 UJ	1 U	10 U	3.3	2 J	3.1	10 U	NA	1 U	1 J
TRICHLOROETHENE	41	17	15	10 U	1 U	450 *	45	850 *J	650	74	870	1800 *	2000	10 U	NA	12	1300 *
VINYL CHLORIDE	20 UJ	2	6.2 J	1 U	1 U	3	53	1 J	1 UJ	1 U	1.6 J	1 U	1 U	1 U	NA	1 U	2
TAL Metal Analysis (UG/L)																	
ARSENIC	NA	2.3 U	NA	4.8 U	NA	4.8 U	NA	4.1 J	NA	2.3 U	NA	3.6 U	NA	4.7 J	4.2 J	NA	3.6 U
BERYLLIUM	NA	0.26 U	NA	0.15 UJ	NA	0.13 UJ	NA	0.2 U	NA	0.36 U	NA	0.2 U	NA	0.2 U	0.2 U	NA	0.2 U
CHROMIUM	NA	1.5	NA	1.2	NA	5.5	NA	0.7 U	NA	7.7	NA	0.7 U	NA	6.9	1 J	NA	1.8
ZINC	NA	23.4 U	NA	17.8	NA	41.9 J	NA	0.6 UJ	NA	30.8 U	NA	2 J	NA	86.1	21 J	NA	458
Low Concentration PAH (SIM) Analysis (UG/L)																	
Phenanthrene	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.12 J	NA	NA	0.2 U
Pesticide/PCB Analysis (UG/L)																	
DIELDRIN	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	NA	0.05 U
HEPTACHLOR	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	NA	0.02 U

Notes:
1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.
2. Highlighted Value = Laboratory Detected Concentration
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6. * = Concentration obtained from dilution analysis
7. R = Rejected
8. NA = Not Analyzed
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Appendix E
Table E-2
Well-By-Well 2002/3 and 2009/10 Groundwater Sampling Results - Bedrock Monitoring Wells
Remedial Investigation Update
Raymark - OU2 - Groundwater
Stratford, Connecticut

Sample Number	MW-PC12B	MW-PC13B	MW-PC13B	MW-PC14B	MW-PC14B	MW-PC15B	MW-PC15B	MW-PC16B	MW-PC16B
Sample Location	RM-MW-12B-CTDEP-1109	OU1-MW-PC13B-07	RM-MW-13B-CTDEP-1109	OU1-MW-PC14B-07	RM-MW-14B-CTDEP-1109	OU1-MW-PC15B-07	RM-MW-15B-CTDEP-1109	OU1-MW-PC16B-07	RM-MW-16B-CTDEP-1109
Date Sampled	11/5/09	1/29/2003	11/4/09	1/23/2003	11/5/09	1/16/2003	11/4/09	1/31/2003	11/5/09
Interval	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0	0.0-0.0
QC Identifier	None	None	None	None	None	None	None	None	None
Zone	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock	Bedrock
Chemical									
Volatile Organic Analysis (UG/L)									
1,1,1-TRICHLOROETHANE	16	8 J	4.1	10 U	1 U	6 J	1.5 J	3900 *	1800
1,1,2-TRICHLOROETHANE	2.3	10 U	1 U	10 U	1 U	10 U	1 U	10 U	1 U
1,1-DICHLOROETHANE	12	4 J	3.5	10 U	1.2	46	43	230	110
1,1-DICHLOROETHENE	21	6	8.1	0.9 U	2.7	12	11	2300 *	1300
1,2-DICHLOROETHANE	1.9	10 U	1.4	10 U	1 U	10 U	1 U	23	18
BENZENE	1 U	10 U	7.3	10 U	1 U	6 J	19	10 U	1 U
CHLOROBENZENE	2.8	52	79	10 U	8.3	210	220	5 J	1 U
CHLOROFORM	9.8	9 J	5.6	10 U	1.1	1 J	1 UJ	7 J	2.5
TETRACHLOROETHENE	2.7	14	20	10 U	1 U	1 J	5.2	51	19
TRICHLOROETHENE	2100	3900 *	4600	13 U	350	1200 *	1400	500 *	160
VINYL CHLORIDE	4.6	1 U	1 U	1 U	1.6	10	8.7 J	5	1 U
TAL Metal Analysis (UG/L)									
ARSENIC	NA	2.3 U	NA	3.6 UJ	NA	2.3 U	NA	2.3 U	NA
BERYLLIUM	NA	NA R	NA	0.2 UJ	NA	1.1 U	NA	0.63 U	NA
CHROMIUM	NA	1.3	NA	3.7 UJ	NA	0.5 U	NA	11.8	NA
ZINC	NA	15 UJ	NA	175 J	NA	22.2 UJ	NA	26.1 U	NA
Low Concentration PAH (SIM) Analysis (UG/L)									
Phenanthrene	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA	0.2 U	NA
Pesticide/PCB Analysis (UG/L)									
DIELDRIN	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA	0.05 U	NA
HEPTACHLOR	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA	0.02 U	NA

Notes:
1. Contaminants detected in 2009 above 2011 Adjusted Vapor Intrustion Screening Levels or CT SWPC. Data was compared to the 2011 Adjusted Vapor Intrusion Screening Level which is based on residential criteria and protective of cancer risks = 10^{-6} and a health quotient of 1.
2. Highlighted Value = Laboratory Detected Concentration
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8. NA = Not Analyzed
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APPENDIX F

APPENDIX F

MODELED INDOOR AIR RISK CALCULATIONS – 2009 SHALLOW GROUNDWATER

F-1 Occurrence, Distribution, and Selection of Contaminants of Potential Concern

F-2 Johnson and Ettinger Model Calculations

Tables

F-1 Johnson and Ettinger Model – Residents – 1,1,1-TCA
F-2 Johnson and Ettinger Model – Industrial Workers – 1,1,1-TCA
F-3 Johnson and Ettinger Model – Residents – 1,1,2-TCA
F-4 Johnson and Ettinger Model – Industrial Workers – 1,1,2-TCA
F-5 Johnson and Ettinger Model – Residents – 1,1-DCA
F-6 Johnson and Ettinger Model – Industrial Workers – 1,1-DCA
F-7 Johnson and Ettinger Model – Residents – 1,1-DCE
F-8 Johnson and Ettinger Model – Industrial Workers – 1,1-DCE
F-9 Johnson and Ettinger Model – Residents – Benzene
F-10 Johnson and Ettinger Model – Industrial Workers – Benzene
F-11 Johnson and Ettinger Model – Residents – Chlorobenzene
F-12 Johnson and Ettinger Model – Industrial Workers – Chlorobenzene
F-13 Johnson and Ettinger Model – Residents – Chloroform
F-14 Johnson and Ettinger Model – Industrial Workers – Chloroform
F-15 Johnson and Ettinger Model – Residents – Ethylbenzene
F-16 Johnson and Ettinger Model – Industrial Workers – Ethylbenzene
F-17 Johnson and Ettinger Model – Residents – Xylene
F-18 Johnson and Ettinger Model – Industrial Workers – Xylene
F-19 Johnson and Ettinger Model – Residents – TCE
F-20 Johnson and Ettinger Model – Industrial Workers – TCE
F-21 TCE ADAF Calculator for Residential Exposure
F-22 Johnson and Ettinger Model – Residents – Vinyl Chloride
F-23 Johnson and Ettinger Model – Industrial Workers – Vinyl Chloride
F-24 Johnson and Ettinger Model – VLOOKUP Tables

Appendix F-1
Occurrence, Distribution, and Selection of Contaminants of Potential Concern
Raymark - OU2 - Groundwater

Scenario Timeframe: Current/Future
Medium: Shallow Groundwater
Exposure Medium: Modeled Indoor Air

Exposure Point	CAS Number	Contaminant	Minimum Concentration	Maximum Concentration	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening (1)	Screening Toxicity Value (N/C) (2)		COPC Flag (Y/N)	Rationale for Selection or Deletion
Groundwater	71556	1,1,1-Trichloroethane	0.59	2300	ug/L	MW-513S	22/56	0.5 - 6.8	2300	740	NC	YES	ASL
	79005	1,1,2-Trichloroethane	2.5	2.5	ug/L	MW-513S	1/56	0.5 - 5	2.5	0.62	NC	YES	ASL
	75343	1,1-Dichloroethane	0.28	440	ug/L	MW-212S	30/56	0.5 - 5	440	6.6	C	YES	ASL
	75354	1,1-Dichloroethene	1.2	410	ug/L	MW-513S	23/56	0.5 - 8.3	410	20	NC	YES	ASL
	107062	1,2-Dichloroethane	1.2	1.2	ug/L	MW-PC03S	1/56	0.5 - 5	1.2	1.9	C	NO	BSL
	106467	1,4-Dichlorobenzene	1.1	1.1	ug/L	MW-PC14S	1/56	0.5 - 5	1.1	2.2	C	NO	BSL
	67641	Acetone	34	34	ug/L	CRA-5S	1/56	5 - 120	34	NA		NO	NBA
	71432	Benzene	1.5	81	ug/L	CRA-6S	9/56	0.5 - 5	81	1.4	C	YES	ASL
	108907	Chlorobenzene	1	3500	ug/L	MW-PC03S	22/56	0.5 - 5	3500	41	NC	YES	ASL
	75003	Chloroethane	14	230	ug/L	CRA-4S	2/56	0.5 - 5	230	2300	NC	NO	BSL
	67663	Chloroform	0.38	21	ug/L	MW-203S	5/56	0.5 - 5	21	0.71	C	YES	ASL
	156592	cis-1,2-Dichloroethene	0.37	600	ug/L	MW-212S	23/40	0.5 - 5	600	NA		NO	NBA
	110827	Cyclohexane	48	220	ug/L	CRA-5S	3/40	0.5 - 5	220	NA		NO	NBA
	100414	Ethylbenzene	1.4	34	ug/L	MW-PC04S	4/56	0.5 - 5	34	3	C	YES	ASL
	98828	Isopropylbenzene	1.2	30	ug/L	MW-PC04S	5/56	0.5 - 5	30	NA		NO	NBA
	mpxylene	m,p-Xylene	6.8	84	ug/L	MW-PC04S	3/55	0.5 - 5	84	36	NC	YES	ASL
	1634044	Methyl Tert-Butyl Ether	1.1	120	ug/L	MW-519S	5/56	0.5 - 5	120	390	C	NO	BSL
	108872	Methylcyclohexane	13	1700	ug/L	CRA-5S	4/40	0.5 - 5	1700	NA		NO	NBA
	75092	Methylene Chloride	1	1	ug/L	MW-PC05S	0/56	0.5 - 5	1	39	C	NO	BSL
	95476	o-Xylene	1	18	ug/L	MW-PC04S	2/56	0.5 - 5.3	18	49	NC	NO	BSL
	127184	Tetrachloroethene	1	3.7	ug/L	MW-513S	5/56	0.5 - 5	3.7	5.8	NC	NO	BSL
	108883	Toluene	1.6	98	ug/L	MW-PC04S	4/56	0.5 - 5	98	NA		NO	NBA
	156605	trans-1,2-Dichloroethene	1.1	1.4	ug/L	MW-PC14S	2/56	0.5 - 5	1.4	38	NC	NO	BSL
	10061026	trans-1,3-Dichloropropene	ND	ND	ug/L	NA	0/56	0.5 - 5	ND	4.2	C	NO	ND
	79016	Trichloroethene	0.35	1300	ug/L	MW-513S	27/56	0.5 - 5	1300	0.52	NC	YES	ASL
	75014	Vinyl Chloride	1.6	440	ug/L	MW-207SR	15/55	0.5 - 5	440	0.14	C	YES	ASL

Notes/sources:

(1) Maximum detected concentration used for screening.

(2) 2012 Adjusted Vapor Intrusion Screening Levels are groundwater screening levels based on protection of residential indoor air. They have been calculated using the OSWER Vapor Intrusion Screening Level (VISL) Calculator Version 1.0, November 2011 RSLs adjusted to correspond to Hazard Quotient = 0.1 and cancer risks = 1x10-6, residential scenario. The tetrachloroethene toxicity values were obtained from EPA's IRIS database, updated Februray 2012.

ASL = above screening level.

BSL = below screening level.

C = cancer based screening value set at a target risk of 1E-06.

NA = not available.

NBA = no screening benchmark available.

NC = noncancer based screening value set at a target hazard quotient of 0.1.

Appendix F-2
Table F-1 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1,1-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
71556	2.30E+03	1,1,1-Trichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-1 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1,1-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-2 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,1-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
71556	2.30E+03	1,1,1-Trichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-2 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,1-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-2 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,1-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.80E-02	8.80E-06	1.72E-02	25	7,136	347.24	545.00	1.10E+02	1.33E+03	0.0E+00	5.0E+00

END

Appendix F-2
Table F-2 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,1-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	7,836	1.06E-02	4.49E-01	1.77E-04	1.05E-02	5.01E-04	2.14E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	1.03E+06	0.10	8.33E+01	1.05E-02	4.00E+02	1.11E+86	1.14E-03	1.17E+03	NA	5.0E+00

END

Appendix F-2
Table F-2 - Results Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,1-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.33E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	5.4E-02

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-3 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1,2-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79005	2.50E+00	1,1,2-Trichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-3 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1,2-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-3 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.80E-02	8.80E-06	9.11E-04	25	8,322	386.15	602.00	5.01E+01	4.42E+03	1.6E-05	2.0E-04

END

Appendix F-2
Table F-3 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	9,523	5.06E-04	2.15E-02	1.77E-04	1.05E-02	5.30E-04	2.24E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	5.36E+01	0.10	8.33E+01	1.05E-02	4.00E+02	1.09E+86	1.17E-03	6.29E-02	1.6E-05	2.0E-04

END

Appendix F-2
Table F-3 - Results Sheet - Johnson Ettinger Model
Residents - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	4.42E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
4.1E-07	3.0E-01

MESSAGE SUMMARY BELOW:

MESSAGE: Risk/HQ or risk-based groundwater concentration is based on a route-to-route extrapolation.

END

Appendix F-2
Table F-4 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,2-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79005	2.50E+00	1,1,2-Trichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-4 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,2-TCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-4 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.80E-02	8.80E-06	9.11E-04	25	8,322	386.15	602.00	5.01E+01	4.42E+03	1.6E-05	2.0E-04

END

Appendix F-2
Table F-4 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	9,523	5.06E-04	2.15E-02	1.77E-04	1.05E-02	5.30E-04	2.24E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	5.36E+01	0.10	8.33E+01	1.05E-02	4.00E+02	1.09E+86	1.17E-03	6.29E-02	1.6E-05	2.0E-04

END

Appendix F-2
Table F-4 - Results Sheet - Johnson Ettinger Model
Industrial Workers - 1,1,2-TCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	4.42E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
8.2E-08	7.2E-02

MESSAGE SUMMARY BELOW:

MESSAGE: Risk/HQ or risk-based groundwater concentration is based on a route-to-route extrapolation.

END

Appendix F-2
Table F-5 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1-DCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75343	4.40E+02	1,1-Dichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-5 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1-DCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-5 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.42E-02	1.05E-05	5.61E-03	25	6,895	330.55	523.00	3.16E+01	5.06E+03	1.6E-06	0.0E+00

END

Appendix F-2
Table F-5 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	7,401	3.55E-03	1.51E-01	1.77E-04	1.00E-02	4.80E-04	2.05E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	6.62E+04	0.10	8.33E+01	1.00E-02	4.00E+02	2.83E+90	1.11E-03	7.32E+01	1.6E-06	NA

END

Appendix F-2
Table F-5 - Results Sheet - Johnson Ettinger Model
Residents - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	5.06E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
4.8E-05	NA

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-6 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75343	4.40E+02	1,1-Dichloroethane

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-6 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCA
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-6 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.42E-02	1.05E-05	5.61E-03	25	6,895	330.55	523.00	3.16E+01	5.06E+03	1.6E-06	0.0E+00

END

Appendix F-2
Table F-6 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	7,401	3.55E-03	1.51E-01	1.77E-04	1.00E-02	4.80E-04	2.05E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	6.62E+04	0.10	8.33E+01	1.00E-02	4.00E+02	2.83E+90	1.11E-03	7.32E+01	1.6E-06	NA

END

Appendix F-2
Table F-6 - Results Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCA
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	5.06E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
9.6E-06	NA

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-7 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1-DCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75354	4.10E+02	1,1-Dichloroethylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-7 - Data Entry Sheet - Johnson Ettinger Model
Residents - 1,1-DCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-7 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
9.00E-02	1.04E-05	2.60E-02	25	6,247	304.75	576.05	5.89E+01	2.25E+03	0.0E+00	2.0E-01

END

Appendix F-2
Table F-7 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	6,363	1.76E-02	7.45E-01	1.77E-04	1.21E-02	5.77E-04	2.47E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.06E+05	0.10	8.33E+01	1.21E-02	4.00E+02	3.75E+74	1.24E-03	3.80E+02	NA	2.0E-01

END

Appendix F-2
Table F-7 - Results Sheet - Johnson Ettinger Model
Residents - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	2.25E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	1.8E+00

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-8 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75354	4.10E+02	1,1-Dichloroethylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-8 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-8 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
9.00E-02	1.04E-05	2.60E-02	25	6,247	304.75	576.05	5.89E+01	2.25E+03	0.0E+00	2.0E-01

END

Appendix F-2
Table F-8 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	6,363	1.76E-02	7.45E-01	1.77E-04	1.21E-02	5.77E-04	2.47E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.06E+05	0.10	8.33E+01	1.21E-02	4.00E+02	3.75E+74	1.24E-03	3.80E+02	NA	2.0E-01

END

Appendix F-2
Table F-8 - Results Sheet - Johnson Ettinger Model
Industrial Workers - 1,1-DCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	2.25E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	4.4E-01

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-9 - Data Entry Sheet - Johnson Ettinger Model
Residents - Benzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
71432	8.10E+01	Benzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-9 - Data Entry Sheet - Johnson Ettinger Model
Residents - Benzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-9 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.80E-02	9.80E-06	5.54E-03	25	7,342	353.24	562.16	5.89E+01	1.79E+03	7.8E-06	3.0E-02

END

Appendix F-2
Table F-9 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	8,076	3.37E-03	1.43E-01	1.77E-04	1.19E-02	5.69E-04	2.43E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	1.16E+04	0.10	8.33E+01	1.19E-02	4.00E+02	1.85E+76	1.23E-03	1.42E+01	7.8E-06	3.0E-02

END

Appendix F-2
Table F-9 - Results Sheet - Johnson Ettinger Model
Residents - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.79E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
4.6E-05	4.5E-01

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-10 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Benzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
71432	8.10E+01	Benzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-10 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Benzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-10 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
8.80E-02	9.80E-06	5.54E-03	25	7,342	353.24	562.16	5.89E+01	1.79E+03	7.8E-06	3.0E-02

END

Appendix F-2
Table F-10 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	8,076	3.37E-03	1.43E-01	1.77E-04	1.19E-02	5.69E-04	2.43E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	1.16E+04	0.10	8.33E+01	1.19E-02	4.00E+02	1.85E+76	1.23E-03	1.42E+01	7.8E-06	3.0E-02

END

Appendix F-2
Table F-10 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Benzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.79E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
9.1E-06	1.1E-01

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-11 - Data Entry Sheet - Johnson Ettinger Model
Residents - Chlorobenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108907	3.50E+03	Chlorobenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-11 - Data Entry Sheet - Johnson Ettinger Model
Residents - Chlorobenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-11 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.30E-02	8.70E-06	3.69E-03	25	8,410	404.87	632.40	2.19E+02	4.72E+02	0.0E+00	5.0E-02

END

Appendix F-2
Table F-11 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	9,758	2.02E-03	8.57E-02	1.77E-04	9.84E-03	4.75E-04	2.02E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.00E+05	0.10	8.33E+01	9.84E-03	4.00E+02	8.67E+91	1.10E-03	3.29E+02	NA	5.0E-02

END

Appendix F-2
Table F-11 - Results Sheet - Johnson Ettinger Model
Residents - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	4.72E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	6.3E+00

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-12 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Chlorobenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108907	3.50E+03	Chlorobenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-12 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Chlorobenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-12 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.30E-02	8.70E-06	3.69E-03	25	8,410	404.87	632.40	2.19E+02	4.72E+02	0.0E+00	5.0E-02

END

Appendix F-2
Table F-12 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	9,758	2.02E-03	8.57E-02	1.77E-04	9.84E-03	4.75E-04	2.02E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.00E+05	0.10	8.33E+01	9.84E-03	4.00E+02	8.67E+91	1.10E-03	3.29E+02	NA	5.0E-02

END

Appendix F-2
Table F-12 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Chlorobenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	4.72E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	1.5E+00

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-13 - Data Entry Sheet - Johnson Ettinger Model
Residents - Chloroform
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
67663	2.10E+01	Chloroform

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-13 - Data Entry Sheet - Johnson Ettinger Model
Residents - Chloroform
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-13 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
1.04E-01	1.00E-05	3.66E-03	25	6,988	334.32	536.40	3.98E+01	7.92E+03	2.3E-05	9.8E-02

END

Appendix F-2
Table F-13 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	7,508	2.31E-03	9.77E-02	1.77E-04	1.40E-02	6.74E-04	2.87E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	2.05E+03	0.10	8.33E+01	1.40E-02	4.00E+02	3.42E+64	1.36E-03	2.80E+00	2.3E-05	9.8E-02

END

Appendix F-2
Table F-13 - Results Sheet - Johnson Ettinger Model
Residents - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	7.92E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
2.6E-05	2.7E-02

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-14 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Chloroform
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
67663	2.10E+01	Chloroform

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-14 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Chloroform
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-14 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
1.04E-01	1.00E-05	3.66E-03	25	6,988	334.32	536.40	3.98E+01	7.92E+03	2.3E-05	9.8E-02

END

Appendix F-2
Table F-14 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	7,508	2.31E-03	9.77E-02	1.77E-04	1.40E-02	6.74E-04	2.87E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	2.05E+03	0.10	8.33E+01	1.40E-02	4.00E+02	3.42E+64	1.36E-03	2.80E+00	2.3E-05	9.8E-02

END

Appendix F-2
Table F-14 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Chloroform
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	7.92E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
5.3E-06	6.6E-03

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-15 - Data Entry Sheet - Johnson Ettinger Model
Residents - Ethylbenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
100414	3.40E+01	Ethylbenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-15 - Data Entry Sheet - Johnson Ettinger Model
Residents - Ethylbenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-15 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.50E-02	7.80E-06	7.86E-03	25	8,501	409.34	617.20	3.63E+02	1.69E+02	2.5E-06	1.0E+00

END

Appendix F-2
Table F-15 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	10,104	4.22E-03	1.79E-01	1.77E-04	1.01E-02	4.84E-04	2.06E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	6.08E+03	0.10	8.33E+01	1.01E-02	4.00E+02	3.07E+89	1.11E-03	6.75E+00	2.5E-06	1.0E+00

END

Appendix F-2
Table F-15 - Results Sheet - Johnson Ettinger Model
Residents - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.69E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
6.9E-06	6.5E-03

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-16 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Ethylbenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
100414	3.40E+01	Ethylbenzene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-16 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Ethylbenzene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-16 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.50E-02	7.80E-06	7.86E-03	25	8,501	409.34	617.20	3.63E+02	1.69E+02	2.5E-06	1.0E+00

END

Appendix F-2
Table F-16 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	10,104	4.22E-03	1.79E-01	1.77E-04	1.01E-02	4.84E-04	2.06E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	6.08E+03	0.10	8.33E+01	1.01E-02	4.00E+02	3.07E+89	1.11E-03	6.75E+00	2.5E-06	1.0E+00

END

Appendix F-2
Table F-16 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Ethylbenzene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.69E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.4E-06	1.5E-03

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-17 - Data Entry Sheet - Johnson Ettinger Model
Residents - Xylene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108383	8.40E+01	m-Xylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-17 - Data Entry Sheet - Johnson Ettinger Model
Residents - Xylene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-17 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.00E-02	7.80E-06	7.32E-03	25	8,523	412.27	617.05	4.07E+02	1.61E+02	0.0E+00	1.0E-01

END

Appendix F-2
Table F-17 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	10,203	3.90E-03	1.65E-01	1.77E-04	9.44E-03	4.52E-04	1.93E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	1.39E+04	0.10	8.33E+01	9.44E-03	4.00E+02	7.57E+95	1.06E-03	1.47E+01	NA	1.0E-01

END

Appendix F-2
Table F-17 - Results Sheet - Johnson Ettinger Model
Residents - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.61E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	1.4E-01

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-18 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Xylene
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
108383	8.40E+01	m-Xylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-18 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Xylene
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-18 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.00E-02	7.80E-06	7.32E-03	25	8,523	412.27	617.05	4.07E+02	1.61E+02	0.0E+00	1.0E-01

END

Appendix F-2
Table F-18 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	10,203	3.90E-03	1.65E-01	1.77E-04	9.44E-03	4.52E-04	1.93E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	1.39E+04	0.10	8.33E+01	9.44E-03	4.00E+02	7.57E+95	1.06E-03	1.47E+01	NA	1.0E-01

END

Appendix F-2
Table F-18 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Xylene
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.61E+05	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
NA	3.4E-02

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-19 - Data Entry Sheet - Johnson Ettinger Model
Residents - TCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79016	1.30E+03	Trichloroethylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-19 - Data Entry Sheet - Johnson Ettinger Model
Residents - TCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-19 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - TCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.90E-02	9.10E-06	1.03E-02	25	7,505	360.36	544.20	1.66E+02	1.47E+03	4.1E-06	2.0E-03

END

Appendix F-2
Table F-19 - Intermediate Calculations Sheet - Johnson Ettinger Model
Residents - TCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	8,501	6.09E-03	2.58E-01	1.77E-04	1.06E-02	5.09E-04	2.17E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.35E+05	0.10	8.33E+01	1.06E-02	4.00E+02	9.05E+84	1.15E-03	3.85E+02	4.1E-06	2.0E-03

END

Appendix F-2
Table F-19 - Results Sheet - Johnson Ettinger Model
Residents - TCE
Raymark OU-2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.47E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
	1.8E+02

MESSAGE SUMMARY BELOW:

MESSAGE: Residential cancer risk for TCE requires consideration of early life exposures. See separate calculation.

END

Appendix F-2
Table F-20 Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - TCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
79016	1.30E+03	Trichloroethylene

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	287	S	14.5	5

Appendix F-2
Table F-20 Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - TCE
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

Appendix F-2
Table F-20 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - TCE
Raymark OU2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
7.90E-02	9.10E-06	1.03E-02	25	7,505	360.36	544.20	1.66E+02	1.47E+03	4.1E-06	2.0E-03

END

Appendix F-2
Table F-20 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - TCE
Raymark OU2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
87	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	8,501	6.09E-03	2.58E-01	1.77E-04	1.06E-02	5.09E-04	2.17E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
87	200	3.35E+05	0.10	8.33E+01	1.06E-02	4.00E+02	9.05E+84	1.15E-03	3.85E+02	4.1E-06	2.0E-03

END

Appendix F-2
Table F-20 - Results Sheet - Johnson Ettinger Model
Industrial Workers - TCE
Raymark OU2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	1.47E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.3E-04	4.4E+01

MESSAGE SUMMARY BELOW:

MESSAGE: Risk/HQ or risk-based groundwater concentration is based on a route-to-route extrapolation.

END

Appendix F-2
Table F-21 - TCE ADAF Calculator for Residential Exposures
Raymark - OU2 - Groundwater
Stratford, Connecticut

Note: Highlighed cells can be adjusted depending on exposure scenario
(e.g., in Col C, set to 0 for age groups without exposure)

Inhalation (concentration-equivalence across age groups)

Col A	Col B	Col C	Col D	Col E	Col F	Col G	Col H	Col I	Col J	Col K	Col L
	Exposure scenario parameters				Dose-response assessment calculations						
Units:		(µg/m^3 air)	yr	-	(µg/m^3 air)$^{-1}$	-	-	(µg/m^3 air)$^{-1}$	(µg/m^3 air)$^{-1}$	-	-
Age group	risk per µg/m^3 air equivalence	Exposure concentration	Age group duration	Duration adjustment (Col D / 70 yr)	Kidney unadjusted lifetime unit risk (p 5-137 [5.2.2.1.4])	Kidney cancer default ADAF	**Kidney ADAF-adjusted partial risk (Col B x Col C x Col E x Col F x Col G)**	Kidney+NHL+ liver unadjusted lifetime unit risk (p 5-139 [5.2.2.2])	NHL+ liver lifetime unit risk (Col I − Col F)	**NHL and liver partial risk (Col B x Col C x Col E x Col J)**	**Total partial risk (Col H + Col K)**
Birth to <1 month	1	385	0.083	0.0012	1.0E-06	10	**4.6E-06**	4.1E-06	3.1E-06	**1.4E-06**	**6.0E-06**
1 to <3 months	1	385	0.167	0.0024	1.0E-06	10	**9.2E-06**	4.1E-06	3.1E-06	**2.8E-06**	**1.2E-05**
3 to <6 months	1	385	0.250	0.0036	1.0E-06	10	**1.4E-05**	4.1E-06	3.1E-06	**4.3E-06**	**1.8E-05**
6 to <12 months	1	385	0.500	0.0071	1.0E-06	10	**2.8E-05**	4.1E-06	3.1E-06	**8.5E-06**	**3.6E-05**
1 to <2 years	1	385	1.000	0.0143	1.0E-06	10	**5.5E-05**	4.1E-06	3.1E-06	**1.7E-05**	**7.2E-05**
2 to <3 years	1	385	1.000	0.0143	1.0E-06	3	**1.7E-05**	4.1E-06	3.1E-06	**1.7E-05**	**3.4E-05**
3 to <6 years	1	385	3.000	0.0429	1.0E-06	3	**5.0E-05**	4.1E-06	3.1E-06	**5.1E-05**	**1.0E-04**
6 to <11 years	1	385	5.000	0.0714	1.0E-06	3	**8.3E-05**	4.1E-06	3.1E-06	**8.5E-05**	**1.7E-04**
11 to <16 years	1	385	5.000	0.0714	1.0E-06	3	**8.3E-05**	4.1E-06	3.1E-06	**8.5E-05**	**1.7E-04**
16 to <18	1	385	2.000	0.0286	1.0E-06	1	**1.1E-05**	4.1E-06	3.1E-06	**3.4E-05**	**4.5E-05**
18 to <21	1	385	3.000	0.0429	1.0E-06	1	**1.7E-05**	4.1E-06	3.1E-06	**5.1E-05**	**6.8E-05**
21 to <30	1	385	9.000	0.1286	1.0E-06	1	**5.0E-05**	4.1E-06	3.1E-06	**1.5E-04**	**2.0E-04**
										Total unit risk:	**9.3E-04**

United States Environmental Protection Agency - Health and Environmental Research On-line (EPA HERO), 2011. ADAF Sample Calculator.
http://hero.epa.gov/index.cfm?action=reference.details&reference_id=758648

Appendix F-2
Table F-22 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Vinyl Chloride
Raymark - OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75014	4.40E+02	Vinyl chloride (chloroethene)

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	498	S	14.5	5

Appendix F-2
Table F-22 - Data Entry Sheet - Johnson Ettinger Model
Industrial Workers - Vinyl Chloride
Raymark - OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	25	25	83.8
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-22 - Chemical Properties Sheet - Johnson Ettinger Model
Industrial Workers - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
1.06E-01	1.23E-05	2.69E-02	25	5,250	259.25	432.00	1.86E+01	8.80E+03	4.4E-06	1.0E-01

END

Appendix F-2
Table F-22 - Intermediate Calculations Sheet - Johnson Ettinger Model
Industrial Workers - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

Source-building separation, L_T (cm)	Vadose zone soil air-filled porosity, θ_a^V (cm^3/cm^3)	Vadose zone effective total fluid saturation, S_{te} (cm^3/cm^3)	Vadose zone soil intrinsic permeability, k_i (cm^2)	Vadose zone soil relative air permeability, k_{rg} (cm^2)	Vadose zone soil effective vapor permeability, k_v (cm^2)	Thickness of capillary zone, L_{cz} (cm)	Total porosity in capillary zone, n_{cz} (cm^3/cm^3)	Air-filled porosity in capillary zone, $\theta_{a,cz}$ (cm^3/cm^3)	Water-filled porosity in capillary zone, $\theta_{w,cz}$ (cm^3/cm^3)	Floor-wall seam perimeter, X_{crack} (cm)
298	0.330	0.125	1.00E-07	0.875	8.75E-08	17.05	0.375	0.122	0.253	4,000

Bldg. ventilation rate, $Q_{building}$ (cm^3/s)	Area of enclosed space below grade, A_B (cm^2)	Crack-to-total area ratio, η (unitless)	Crack depth below grade, Z_{crack} (cm)	Enthalpy of vaporization at ave. groundwater temperature, $\Delta H_{v,TS}$ (cal/mol)	Henry's law constant at ave. groundwater temperature, H_{TS} (atm-m^3/mol)	Henry's law constant at ave. groundwater temperature, H'_{TS} (unitless)	Vapor viscosity at ave. soil temperature, μ_{TS} (g/cm-s)	Vadose zone effective diffusion coefficient, D^{eff}_V (cm^2/s)	Capillary zone effective diffusion coefficient, D^{eff}_{cz} (cm^2/s)	Total overall effective diffusion coefficient, D^{eff}_T (cm^2/s)
2.54E+04	1.80E+06	2.22E-04	200	4,950	1.99E-02	8.41E-01	1.77E-04	1.43E-02	6.80E-04	6.66E-03

Diffusion path length, L_d (cm)	Convection path length, L_p (cm)	Source vapor conc., C_{source} ($\mu g/m^3$)	Crack radius, r_{crack} (cm)	Average vapor flow rate into bldg., Q_{soil} (cm^3/s)	Crack effective diffusion coefficient, D^{crack} (cm^2/s)	Area of crack, A_{crack} (cm^2)	Exponent of equivalent foundation Peclet number, $exp(Pe^f)$ (unitless)	Infinite source indoor attenuation coefficient, α (unitless)	Infinite source bldg. conc., $C_{building}$ ($\mu g/m^3$)	Unit risk factor, URF $(\mu g/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
298	200	3.70E+05	0.10	8.33E+01	1.43E-02	4.00E+02	2.08E+63	1.07E-03	3.95E+02	4.4E-06	1.0E-01

END

Appendix F-2
Table F-22 - Results Sheet - Johnson Ettinger Model
Industrial Workers - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

RISK-BASED GROUNDWATER CONCENTRATION CALCULATIONS:

Indoor exposure groundwater conc., carcinogen (µg/L)	Indoor exposure groundwater conc., noncarcinogen (µg/L)	Risk-based indoor exposure groundwater conc., (µg/L)	Pure component water solubility, S (µg/L)	Final indoor exposure groundwater conc., (µg/L)
NA	NA	NA	8.80E+06	NA

INCREMENTAL RISK CALCULATIONS:

Incremental risk from vapor intrusion to indoor air, carcinogen (unitless)	Hazard quotient from vapor intrusion to indoor air, noncarcinogen (unitless)
1.4E-04	9.1E-01

MESSAGE SUMMARY BELOW:

END

Appendix F-2
Table F-23 - Data Entry Sheet - Johnson Ettinger Model
Residents - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

GW-SCREEN
Version 3.1; 02/04

Reset to Defaults

CALCULATE RISK-BASED GROUNDWATER CONCENTRATION (enter "X" in "YES" box)

YES [ ]

OR

CALCULATE INCREMENTAL RISKS FROM ACTUAL GROUNDWATER CONCENTRATION
(enter "X" in "YES" box and initial groundwater conc. below)

YES [X]

ENTER Chemical CAS No. (numbers only, no dashes)	ENTER Initial groundwater conc., C_W (µg/L)	Chemical
75014	4.40E+02	Vinyl chloride (chloroethene)

MORE ↓

ENTER Depth below grade to bottom of enclosed space floor, L_F (cm)	ENTER Depth below grade to water table, L_{WT} (cm)	ENTER SCS soil type directly above water table	ENTER Average soil/ groundwater temperature, T_S (^oC)	ENTER Average vapor flow rate into bldg. (Leave blank to calculate) Q_{soil} (L/m)
200	498	S	14.5	5

Appendix F-2
Table F-23 - Data Entry Sheet - Johnson Ettinger Model
Residents - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

MORE ↓

ENTER Vadose zone SCS soil type (used to estimate soil vapor permeability)	OR	ENTER User-defined vandose zone soil vapor permeability, k_v (cm^2)	ENTER Vadose zone SCS soil type (Lookup Soil Parameters)	ENTER Vadose zone soil dry bulk density, ρ_b^V (g/cm^3)	ENTER Vadose zone soil total porosity, n^V (unitless)	ENTER Vadose zone soil water-filled porosity, θ_w^V (cm^3/cm^3)
S			S	1.5	0.43	0.1

MORE ↓

ENTER Target risk for carcinogens, TR (unitless)	ENTER Target hazard quotient for noncarcinogens, THQ (unitless)	ENTER Averaging time for carcinogens, AT_C (yrs)	ENTER Averaging time for noncarcinogens, AT_{NC} (yrs)	ENTER Exposure duration, ED (yrs)	ENTER Exposure frequency, EF (days/yr)
1.0E-06	1	70	30	30	350
Used to calculate risk-based groundwater concentration.					

END

Appendix F-2
Table F-23 - Chemical Properties Sheet - Johnson Ettinger Model
Residents - Vinyl Chloride
Raymark OU2 - Groundwater
Stratford, Connecticut

ABC

Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Henry's law constant at reference temperature, H ($atm\text{-}m^3/mol$)	Henry's law constant reference temperature, T_R (^oC)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Pure component water solubility, S (mg/L)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
1.06E-01	1.23E-05	2.69E-02	25	5,250	259.25	432.00	1.86E+01	8.80E+03	4.4E-06	1.0E-01

END

Appendix F-2
Table F-24 - Johnson Ettinger Model - VLOOKUP TABLES
Raymark - OU2 - Groundwater
Stratford, Connecticut

Soil Properties Lookup Table								Bulk Density		
SCS Soil Type	K_s (cm/h)	a_1 (1/cm)	N (unitless)	M (unitless)	n (cm^3/cm^3)	q_r (cm^3/cm^3)	Mean Grain Diameter (cm)	(g/cm^3)	q_w (cm^3/cm^3)	SCS Soil Name
C	0.61	0.01496	1.253	0.2019	0.459	0.098	0.0092	1.43	0.215	Clay
CL	0.34	0.01581	1.416	0.2938	0.442	0.079	0.016	1.48	0.168	Clay Loam
L	0.50	0.01112	1.472	0.3207	0.399	0.061	0.020	1.59	0.148	Loam
LS	4.38	0.03475	1.746	0.4273	0.390	0.049	0.040	1.62	0.076	Loamy Sand
S	26.78	0.03524	3.177	0.6852	0.375	0.053	0.044	1.66	0.054	Sand
SC	0.47	0.03342	1.208	0.1722	0.385	0.117	0.025	1.63	0.197	Sandy Clay
SCL	0.55	0.02109	1.330	0.2481	0.384	0.063	0.029	1.63	0.146	Sandy Clay Loam
SI	1.82	0.00658	1.679	0.4044	0.489	0.050	0.0046	1.35	0.167	Silt
SIC	0.40	0.01622	1.321	0.2430	0.481	0.111	0.0039	1.38	0.216	Silty Clay
SICL	0.46	0.00839	1.521	0.3425	0.482	0.090	0.0056	1.37	0.198	Silty Clay Loam
SIL	0.76	0.00506	1.663	0.3987	0.439	0.065	0.011	1.49	0.180	Silt Loam
SL	1.60	0.02667	1.449	0.3099	0.387	0.039	0.030	1.62	0.103	Sandy Loam

Chemical Properties Lookup Table													
CAS No.	Chemical	Organic carbon partition coefficient, K_{oc} (cm^3/g)	Diffusivity in air, D_a (cm^2/s)	Diffusivity in water, D_w (cm^2/s)	Pure component water solubility, S (mg/L)	Henry's law constant H' (unitless)	Henry's law constant at reference temperature, H (atm-m^3/mol)	Henry's law constant reference temperature, T_R (^oC)	Normal boiling point, T_B (^oK)	Critical temperature, T_C (^oK)	Enthalpy of vaporization at the normal boiling point, $DH_{v,b}$ (cal/mol)	Unit risk factor, URF $(mg/m^3)^{-1}$	Reference conc., RfC (mg/m^3)
71556	1,1,1-Trichloroethane	1.10E+02	7.80E-02	8.80E-06	1.33E+03	7.03E-01	1.72E-02	25	347.24	545.00	7,136	0.0E+00	5.0E+00
79005	1,1,2-Trichloroethane	5.01E+01	7.80E-02	8.80E-06	4.42E+03	3.40E-02	9.11E-04	25	386.15	602.00	8,322	1.6E-05	2.0E-04
75343	1,1-Dichloroethane	3.16E+01	7.42E-02	1.05E-05	5.06E+03	2.30E-01	5.61E-03	25	330.55	523.00	6,895	1.6E-06	0.0E+00
75354	1,1-Dichloroethylene	5.89E+01	9.00E-02	1.04E-05	2.25E+03	1.07E+00	2.60E-02	25	304.75	576.05	6,247	0.0E+00	2.0E-01
71432	Benzene	5.89E+01	8.80E-02	9.80E-06	1.79E+03	2.27E-01	5.54E-03	25	353.24	562.16	7,342	7.8E-06	3.0E-02
108907	Chlorobenzene	2.19E+02	7.30E-02	8.70E-06	4.72E+02	1.30E-01	3.69E-03	25	404.87	632.40	8,410	0.0E+00	5.0E-02
67663	Chloroform	3.98E+01	1.04E-01	1.00E-05	7.92E+03	1.50E-01	3.66E-03	25	334.32	536.40	6,988	2.3E-05	9.8E-02
110827	Cyclohexane	1.46E+02	8.00E-02	9.11E-06	5.50E+01	6.13E+00	1.50E-01	25	354.00	540.40	7,158	0.0E+00	6.0E+00
100414	Ethylbenzene	3.63E+02	7.50E-02	7.80E-06	1.69E+02	3.22E-01	7.86E-03	25	409.34	617.20	8,501	2.5E-06	1.0E+00
108383	m-Xylene	4.07E+02	7.00E-02	7.80E-06	1.61E+02	2.90E-01	7.32E-03	25	412.27	617.05	8,523	0.0E+00	1.0E-01
79016	Trichloroethylene	1.66E+02	7.90E-02	9.10E-06	1.47E+03	4.21E-01	1.03E-02	25	360.36	544.20	7,505	4.1E-06	2.0E-03
75014	Vinyl chloride (chloroethene)	1.86E+01	1.06E-01	1.23E-05	8.80E+03	1.10E+00	2.69E-02	25	259.25	432.00	5,250	4.4E-06	1.0E-01

EPA Region 1 RAC 2 Contract No. EP-S1-06-03

May 6, 2014
Nobis Project No. 80043

Via Electronic Submittal

U.S. Environmental Protection Agency, Region 1
Attention: Mr. Ronald Jennings, Task Order Project Officer
5 Post Office Square, Suite 100
Boston, Massachusetts 02109-3919

Subject: Transmittal of Final Remedial Investigation Update Report, Revision 1
Raymark Industries Inc. Site – Operable Unit 2, Stratford, Connecticut
Remedial Investigation / Feasibility Study
Task Order No. 0043-RI-CO-01H3

Dear Mr. Jennings:

This letter transmits the Final Remedial Investigation Update Report - Revision 1 for Operable Unit 2 of the Raymark Industries, Inc. Site in Stratford, Connecticut. The report addresses comments provided by the U.S. Environmental Protection Agency and Connecticut Department of Energy and Environmental Protection on prior versions of the document. As requested, the report is being provided to you and to Mr. Ronald Curran of Connecticut Department of Energy and Environmental Protection in both electronic format (via email) and hard copy format.

Sincerely,

NOBIS ENGINEERING, INC.

Diane M. Baxter
Senior Project Manager

Enclosure

c: R. Curran, CTDEEP
File 80043/MA

Nobis Engineering, Inc.
585 Middlesex Street
Lowell, MA 01851
T (978) 683-0891