US EPA ARCHIVE DOCUMENT

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA750)

Migration of Contaminated Groundwater Under Control

Facility Name:	Ashland Distribution Company
Facility Address:	3849 Fisher Rd., Columbus, OH 43228
Facility EPA ID #:	OHD 000 816 736

1. Has **all** available relevant/significant information on known and reasonably suspected releases to the groundwater media, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been **considered** in this EI determination?

   X If yes - check here and continue with #2 below.

   ___ If no - re-evaluate existing data, or

   ___ if data are not available skip to #6 and enter "IN" (more information needed) status code.

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of A Migration of Contaminated Groundwater Under Control@ EI

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

2. Is **groundwater** known or reasonably suspected to be **contaminated@**[1] above appropriately protective levels@ (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?

X — If yes - continue after identifying key contaminants, citing appropriate levels,@ and referencing supporting documentation.

___ If no - skip to #8 and enter AYE status code, after citing appropriate levels,@ and referencing supporting documentation to demonstrate that groundwater is not contaminated.

___ If unknown - skip to #8 and enter AIN@ status code.

Rationale and Reference(s):

The site is underlain by approximately 80 feet of clayey glacial till with occasional thin lenses of sand and gravel. Based on log data accumulated locally, these sand lenses and gravel are isolated and discontinuous. The glacial till is relatively impermeable and groundwater is encountered at shallow depth. The water table in the glacial till generally mirrors the local surface topography and groundwater flows to the east/northeast toward the Dry Run Creek immediately to the east of the site (Figure 1). Based on field observations, the unconfined water-bearing zone of the unconsolidated glacial till unit has been divided into two zones. The shallow zone extends from the ground surface to a depth of approximately 15 feet. There is no hydraulic connection between the two zones. To evaluate the hydrological conditions of Dry Run Creek, three staff guage survey pins were installed in the stream bed of the creek. Surface water levels from the installed staff guage pins were measured each time groundwater elevation measurements were collected from the onsite monitoring wells. The water level in the creek is typically on the order of one-foot lower than the water levels in the shallow wells indicating the stream is the groundwater discharge point for the shallow zone under natural conditions.

The concentrations of volatile organic compounds (VOCs) in groundwater are above United States Environmental Protection Agency (USEPA) maximum contaminant levels (MCLs) in selected shallow groundwater monitoring wells and in the trench sump. Since 2007, the following VOCs were reported above its respective MCL: benzene, 1,1-dichlorothene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, ethylbenzene, tetrachloroethene, toluene, 1,1,1-trichloroethane, trichloroethylene, vinyl chloride, and xylenes (URS, 2008, 2009a, 2009c, 2010). There are no exceedances of the MCLs in the deep groundwater monitoring wells.

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[1] Contamination@ and contaminated@ describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate levels@ (appropriate for the protection of the groundwater resource and its beneficial uses).

3. Has the **migration** of contaminated groundwater **stabilized** (such that contaminated groundwater is expected to remain within existing area of contaminated groundwater@[2] as defined by the monitoring locations designated at the time of this determination)?

__X__ If yes - continue, after presenting or referencing the physical evidence (e.g., groundwater sampling/measurement/migration barrier data) and rationale why contaminated groundwater is expected to remain within the (horizontal or vertical) dimensions of the existing area of groundwater contamination@[2]).

___ If no (contaminated groundwater is observed or expected to migrate beyond the designated locations defining the existing area of groundwater contamination@[2]) - skip to #8 and enter ANO@ status code, after providing an explanation.

___ If unknown - skip to #8 and enter AIN@ status code.

Rationale and Reference(s):

VOC concentrations in groundwater have stabilized over time and decreased in most cases (Table 1). Total VOCs in source area well MW-5 have decreased from nearly 200,000 µg/L in 2002 to below 50,000 µg/L in 2009. A time-series graph of the total VOC concentrations of selected wells and the sump are included as Figure 2 and Figure 3 respectively.

It is believed that the VOCs have stabilized by the process of natural attenuation and by removal via active groundwater extraction. As indicated above, groundwater flows to the east/northeast toward Dry Run Creek and the lithology beneath the site is generally clayey silt till. There is an absence of a good hydraulic connection between zones. Results from sampling of deep wells have not shown any contamination. A groundwater interceptor trench was installed along the eastern downgradient) property boundary in 1993. The trench is located adjacent to, and hydrologically upgradient of Dry Run Creek. It is approximately 13 feet deep on the north side and drops to approximately 16 feet deep to the south and back-filled with high permeability gravel. The bottom of the trench intercepts and captutres the entire shallow 15 feet zone of the groundwater flow. Perforated pipe installed near the bottom of the trench drains to a sump where impacted groundwater is extracted, collected and treated prior to disposal to the POTW.

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[2] existing area of contaminated groundwater@ is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant groundwater contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of contamination@ that can and will be sampled/tested in the future to physically verify that all contaminated@ groundwater remains within this area, and that the further migration of contaminated@ groundwater is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

4. Does contaminated@ groundwater **discharge** into **surface water** bodies?

___ If yes - continue after identifying potentially affected surface water bodies.

X If no - skip to #7 (and enter a AYE@ status code in #8, if #7 = yes) after providing an explanation and/or referencing documentation supporting that groundwater contamination@ does not enter surface water bodies.

___ If unknown - skip to #8 and enter AIN@ status code.

Rationale and Reference(s):

The interceptor trench is designed to capture contaminated groundwater before it reaches the Dry Run Creek. The interceptor trench is located perpendicularly across the entire length of the contaminant plume and downgradient of the source area, MW-1, MW-2A, 2B, MW-3A and 3B. Additionally, the most impacted groundwater is more than 100 feet to the west of the creek. (Fig.1). The groundwater samples from monitoring wells in the vicinity of the creek currently show low to no VOCs impacts in the groundwater. There have been no recent exceedances of an MCL in any routine monitoring program well along the eastern (downgradient) property boundary: MW-1, MW-2A and MW-3B (Table 1). All of these wells are upgradient of the trench (Figure 1). Additionally, groundwater samples collected from MW-9 and MW-13 installed downgradient of the Dry Run Creek showed no contamination prior to been abandoned. Creek water samples also did not show any contamination that exceeded the permitted levels by the city of Columbus POTW.

5. Is the **discharge** of contaminated@ groundwater into surface water likely to be **insignificant@** (i.e., the maximum concentration[3] of each contaminant discharging into surface water is less than 10 times their appropriate groundwater level,@ and there are no other conditions (e.g., the nature, and number, of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-systems at these concentrations)?

___ If yes - skip to #7 (and enter AYE@ status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration[3] of key contaminants discharged above their groundwater level,@ the value of the appropriate level(s),@ and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgement/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.

___ If no - (the discharge of contaminated@ groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration[3] of each contaminant discharged above its groundwater Alevel,@ the value of the appropriate level(s),@ and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations[3] greater than 100 times their appropriate groundwater levels,@ the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.

___ If unknown - enter AIN@ status code in #8.

Rationale and Reference(s):

6. Can the **discharge** of contaminated groundwater into surface water be shown to be **currently acceptable** (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue

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[3] As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

until a final remedy decision can be made and implemented[4])?

___ If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site=s surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR 2) providing or referencing an interim-assessment,[5] appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment levels,@ as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.

___ If no - (the discharge of contaminated@ groundwater can not be shown to be **currently acceptable**) - skip to #8 and enter ANO@ status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.

___ If unknown - skip to 8 and enter AIN@ status code.

Rationale and Reference(s):

7. Will groundwater **monitoring** / measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the existing area of contaminated groundwater?

X If yes - continue after providing or citing documentation for planned activities or future sampling/measurement events. Specifically identify the well/measurement locations which will be tested in the future to verify the expectation (identified in #3) that groundwater contamination will not be migrating horizontally (or vertically, as necessary) beyond the existing area of groundwater contamination.@

___ If no - enter ANO@ status code in #8.

___ If unknown - enter AIN@ status code in #8.

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[4] Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refugia) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

[5] The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

Rationale and Reference(s):

Ashland currently conducts post-closure semi-annual groundwater monitoring and submits the reports to the Ohio EPA as provided for the Directors Findings and Orders. Monitoring includes the collection of water levels for groundwater flow direction and gradient determinations. Groundwater quality monitoring includes sampling wells MW-1, MW-2C, MW-3B, MW-5, MW-5C, MW-6, MW-8A, MW-8B, MW-10A, MW-10C, MW-12A, MW-12C, and the remediation trench sump. These sample points are used to evaluate the horizontal and vertical extent of impacted groundwater.

The groundwater monitoring is prescribed by the following documents: Post-Closure Care Plan (Ashland, 1996); and the Supplemental to the Post-Closure Care Plan (URS 2009b). The Ohio EPA approved the Supplemental Plan which included a reduction in the sampling frequency from quarterly to semi-annual, and a reduction in the analytical list in a letter dated April 13, 2009.

8. Check the appropriate RCRIS status codes for the Migration of Contaminated Groundwater Under Control EI (event code CA750), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (attach appropriate supporting documentation as well as a map of the facility).

X YE - Yes, "Migration of Contaminated Groundwater Under Control" has been verified. Based on a review of the information contained in this EI determination, it has been determined that the "Migration of Contaminated Groundwater" is "Under Control" at the **Ashland Distribution Company** facility, EPA ID **#OHD 000 816 736**, located **3849 Fisher Rd., Columbus, OH 43228**. Specifically, this determination indicates that the migration of "contaminated" groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the "existing area of contaminated groundwater" This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

___ NO - Unacceptable migration of contaminated groundwater is observed or expected.

___ IN - More information is needed to make a determination.

Completed by (signature) Jonathan Adenuga Date 5/7/10
(print) JONATHAN ADENUGA
(title) Project manager

Supervisor (signature) [illegible] Date 5-7-2010
(print) Georgia J. Harper
(title) Chief Corrective Action Section 2
(EPA Region or State) R5

Locations where References may be found:

Ashland Inc., October 1993. Revision 1 to the Post-Closure Care Plan for the Former Underground Storge Tank Area. Ashland Chemical Inc., Columbus, Ohio
Ashland Inc., July 1994. Closure Certification Report for the Former Underground Storage Tank Area, Ashland Chemical Inc., Columbus, Ohio
Ashland Inc., May 1996. Revision 2 to the Post-Closure Care Plan for the Former Underground Storage

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA750)

Locations where References may be found:

Tank Area. Ashland Chemical Inc., Columbus, Ohio
Environmental Strategies Corporation, March 1993. Phase II Additional Investigation Report, Ashland Chemical Inc., Columbus, Ohio
URS, February 2008. 2007 Supplementary Annual Groundwater Monitoring Report. Ashland Distribution Company, Columbus, Ohio
URS, February 2009a. 2008 Supplementary Annual Groundwater Monitoring Report. Ashland Distribution Company, Columbus, Ohio
URS, February 2009b. Supplemental to the Post-Closure Care Plan for the Former Underground Storage Tank Area, Ashland Inc., Columbus, Ohio
URS, August 2009c. Groundwater Monitoring Report, First Half-2009, Ashland Distribution Company, Columbus, Ohio
URS, February 2010. 2009 Supplementary Annual Groundwater Monitoring Report. Ashland Distribution Company,

Contact telephone and e-mail numbers

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FIGURE 3
Total VOCs in Groundwater, Ashland Distribution, Columbus, Ohio

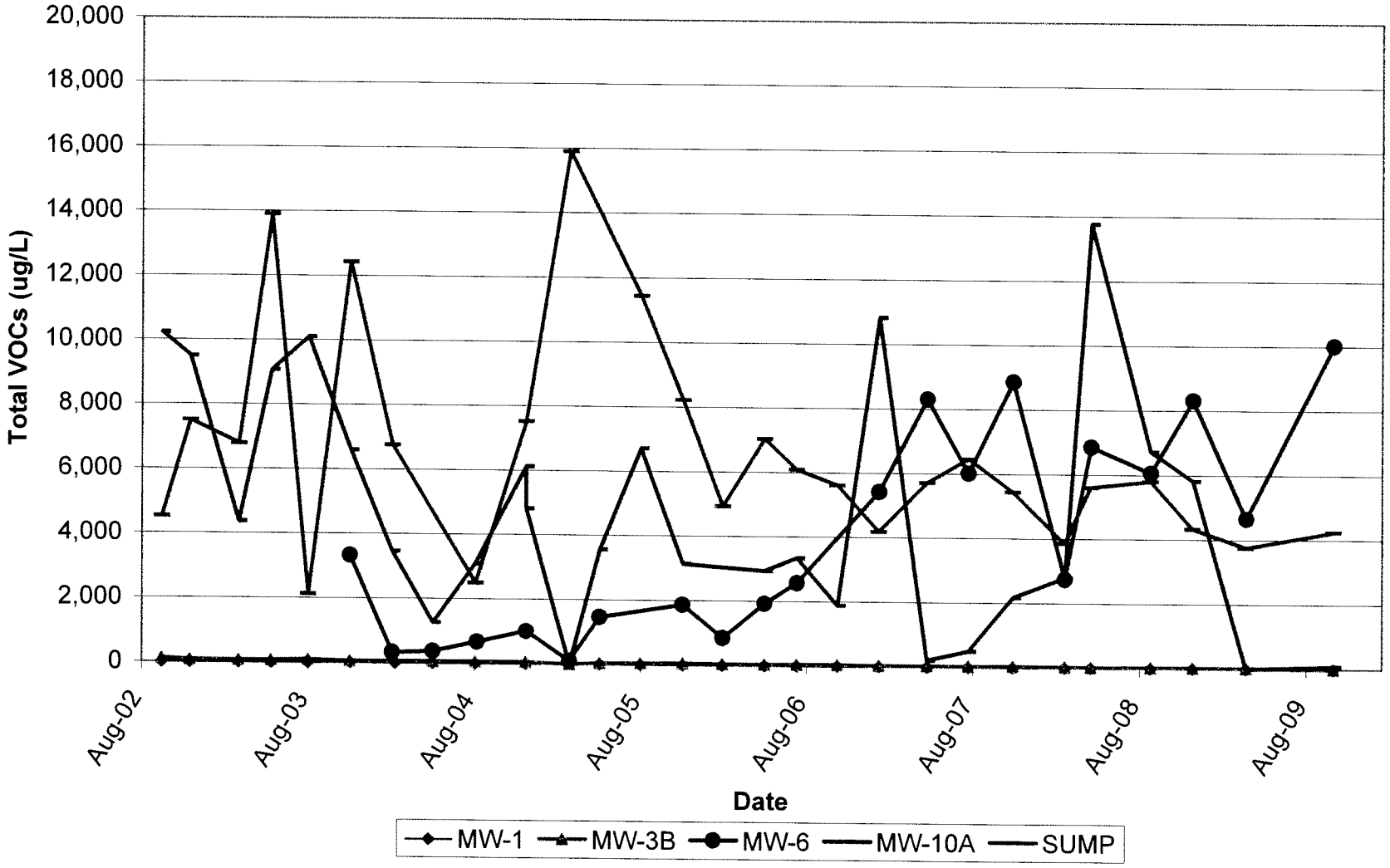

FIGURE 2
Total VOCs in Groundwater, Ashland Distribution, Columbus, Ohio

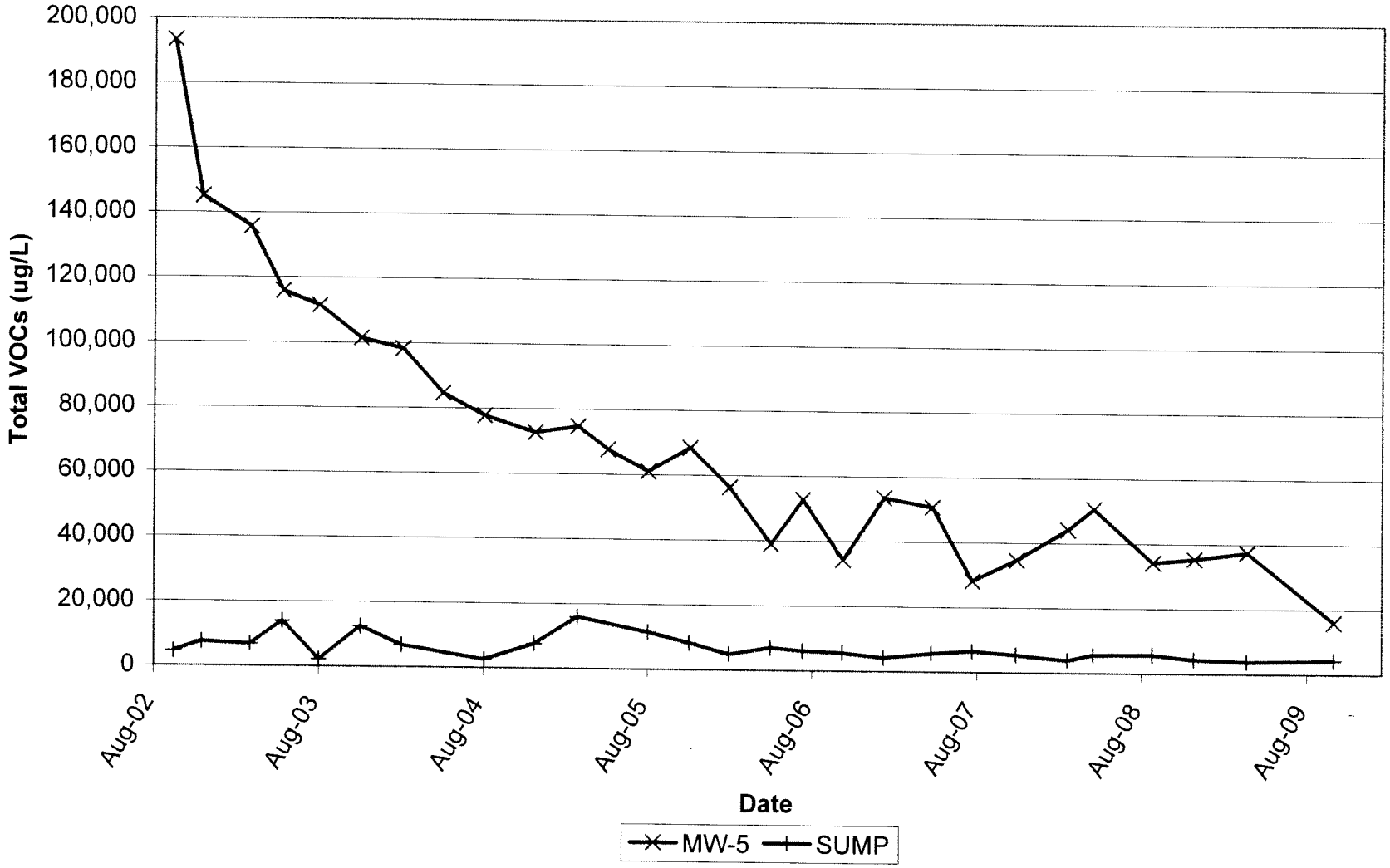

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-1	9/24/2002	4	<1	3.8	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	11/25/2002	2	<1	2.4	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	3/12/2003	2	<1	2.1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	5/22/2003	3	<1	2.8	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	8/11/2003	3	<1	3.2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	11/12/2003	11	<1	3.2	<1	<10	<25	<1	<1	<1	1.3	<1	<10	<1	<1	<1	<1	<1	<2
MW-1	2/18/2004	2	<1	1.5	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	6.8
MW-1	5/11/2004	2	<1	2.1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-1	8/12/2004	3	<1	3.1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	12/1/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	5/12/2005	1	<1	1.2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	8/10/2005	3	<1	2.5	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	11/11/2005	2	<1	2.1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	2/6/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	5/10/2006	2	<1	1.5	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	7/20/2006	3	<1	2.7	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	1/16/2007	1	<1	1.3	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	7/31/2007	2	<1	1.8	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	2/28/2008	1	<1	1.2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	4/25/2008	2	<1	1.9	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	9/3/2008	2	<1	2.2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	12/4/2008	2	<1	2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	3/31/2009	1	<1	1.2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-1	10/8/2009	4	<1	3.8	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	9/24/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	11/25/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	3/12/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	5/22/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	8/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-2C	11/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-2C	2/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-2C	5/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-2C	8/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	12/2/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	8/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	11/11/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	2/7/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	2/28/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	3/31/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-2C	10/8/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-3B	9/24/2002	122	<1	13	<1	<10	<25	<1	<1	83	<1	<5	<10	<1	<1	5.9	<1	20	<2
MW-3B	11/25/2002	83	<1	8.6	<1	<10	<25	<1	<1	57	<1	<5	<10	<1	<1	4.3	<1	13	<2
MW-3B	3/12/2003	74	<1	7.4	<1	<10	<25	<1	<1	57	<1	<5	<10	<1	<1	4.4	<1	4.7	<2
MW-3B	5/22/2003	70	<1	6.9	<1	<10	<25	<1	<1	55	<1	<5	<10	<1	<1	4.3	<1	3.4	<2
MW-3B	8/11/2003	99	<1	10	<1	<10	<25	<1	<1	76	<1	<10	<10	<1	<1	6.3	<1	6.4	<2
MW-3B	11/11/2003	53	<1	8.8	<1	<10	<25	<1	<1	40	<1	<1	<10	<1	<1	4.4	<1	<1	<2
MW-3B	5/11/2004	58	<1	5.4	<1	<10	<25	<1	<1	46	<1	<10	<10	<1	<1	3.4	<1	3.6	<2
MW-3B	8/12/2004	54	<1	5.4	<1	<10	<25	<1	<1	42	<1	<10	<10	<1	<1	3.5	<1	3.2	<2
MW-3B	12/1/2004	59	<1	5.3	<1	<10	<25	<1	<1	45	<1	<5	<10	<1	<1	3.7	<1	5.4	<2
MW-3B	3/7/2005	3	<1	3	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-3B	5/12/2005	40	<1	4	<1	<10	<25	<1	<1	33	<1	<5	<10	<1	<1	2.8	<1	<1	<2
MW-3B	8/10/2005	47	<1	4.8	<1	<10	<25	<1	<1	38	<1	<5	<10	<1	<1	3.1	<1	1.4	<2
MW-3B	11/11/2005	53	<1	4.9	<1	<10	<25	<1	<1	37	<1	<5	<10	<1	<1	2.8	<1	7.8	<2
MW-3B	2/6/2006	39	<1	3.5	<1	<10	<25	<1	<1	32	<1	<5	<10	<1	<1	3	<1	<1	<2
MW-3B	5/10/2006	37	<1	3.9	<1	<10	<25	<1	<1	22	<1	<5	<10	<1	<1	3.6	<1	7.7	<2
MW-3B	7/20/2006	48	<1	5.5	<1	<10	<25	<1	<1	33	<1	<5	<10	<1	<1	3.2	<1	6.3	<2
MW-3B	10/17/2006	46	<1	5.3	<1	<10	<25	<1	<1	30	<1	<5	<10	<1	<1	2.8	<1	7.8	<2

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-3B	1/16/2007	32	<1	3.3	<1	<10	<25	<1	<1	22	<1	<5	<10	<1	<1	2	<1	4.9	<2
MW-3B	5/2/2007	35	<1	4	<1	<10	<25	<1	<1	25	<1	<5	<10	<1	<1	2.2	<1	3.5	<2
MW-3B	7/31/2007	29	<1	3.6	<1	<10	<25	<1	<1	21	<1	<5	<10	<1	<1	2.4	<1	1.5	<2
MW-3B	11/6/2007	39	<1	4.5	<1	<10	<25	<1	<1	28	<1	<5	<10	<1	<1	2.3	<1	3.9	<2
MW-3B	2/28/2008	33	<1	3.6	<1	<10	<25	<1	<1	24	<1	<5	<10	<1	<1	1.9	<1	3.2	<2
MW-3B	4/25/2008	24	<1	3.4	<1	<10	<25	<1	<1	18	<1	<5	<10	<1	<1	1.8	<1	1.2	<2
MW-3B	9/3/2008	34	<1	4.3	<1	<10	<25	<1	<1	24	<1	<5	<10	<1	<1	2	<1	3.7	<2
MW-3B	12/4/2008	30	<1	3.6	<1	<10	<25	<1	<1	23	<1	<5	<10	<1	<1	1.9	<1	1.3	<2
MW-3B	3/31/2009	26	<1	3.1	<1	<10	<25	<1	<1	19	<1	<5	<10	<1	<1	1.6	<1	2.4	<2
MW-3B	10/8/2009	3	<1	3.4	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5	9/24/2002	193310	38000	19000	700	<2500	15000	<250	<250	24000	9000	<1250	5400	<250	44000	1300	<250	910	36000
MW-5	11/25/2002	145060	25000	15000	550	<2500	12000	<250	970	18000	7000	<12000	3600	<250	31000	1100	<250	840	30000
MW-5	3/12/2003	135620	22000	15000	560	<2500	12000	<250	480	17000	6000	310	4700	<250	30000	1000	<250	570	26000
MW-5	5/22/2003	115800	22000	12000	<1000	<5000	13000	<1000	<1000	14000	5800	<500	<5000	<1000	25000	<1000	<1000	<1000	24000
MW-5	8/11/2003	111410	18000	12000	340	<2000	5600	<200	540	15000	5900	2000	2300	<200	24000	860	<200	870	24000
MW-5	11/11/2003	101400	17000	12000	<1000	<10000	<25000	<1000	<1000	14000	6400	<1000	<10000	<1000	25000	<1000	<1000	<1000	27000
MW-5	2/12/2004	98200	18000	9700	<1000	<10000	<25000	<1000	<1000	14000	6500	<10000	<10000	<1000	23000	<1000	<1000	<1000	27000
MW-5	5/11/2004	84600	14000	8400	<1000	<10000	<25000	<1000	<1000	12000	4200	<10000	<10000	<1000	20000	<1000	<1000	<1000	26000
MW-5	8/12/2004	77720	12000	7000	<500	<5000	<12000	<500	710	9400	5400	<250	<5000	<500	19000	580	<500	630	23000
MW-5	12/2/2004	72630	5100	13000	<250	<2500	<6200	<250	2200	8300	5600	<1200	<2500	<250	13000	580	<250	850	24000
MW-5	3/7/2005	74590	2800	11000	<200	<2000	<5000	<200	4800	6000	5400	<1000	<2000	<200	15000	490	<200	1100	28000
MW-5	5/12/2005	67636	3200	11000	140	390	1700	<100	1700	7000	5600	470	<200	46	11000	570	<100	820	24000
MW-5	8/10/2005	61070	1100	11000	<200	<2000	<5000	<200	3800	7100	5500	<1000	<2000	<200	9200	480	<200	890	22000
MW-5	11/11/2005	68400	1000	9700	<100	<1000	<2500	<100	5100	6600	6300	<500	<1000	<100	11000	500	<100	1200	27000
MW-5	2/7/2006	56270	980	6000	<100	<1000	<2500	<100	4600	4300	6100	<500	<1000	<100	8900	480	<100	910	24000
MW-5	5/10/2006	39030	1000	5400	<100	<1000	<2500	<100	2700	3100	3600	<500	<1000	<100	7000	480	<100	750	15000
MW-5	7/20/2006	52679	440	6100	59	<500	<1300	<50	7000	4700	5300	300	<500	<50	7300	480	<50	1000	20000
MW-5	10/17/2006	34260	330	2600	<50	<500	<1300	<50	8300	2300	3200	<250	<500	<50	4600	360	<50	570	12000
MW-5	1/16/2007	53570	510	2900	<100	<1000	<2500	<100	12000	2800	5300	<500	<1000	<100	6600	480	<100	980	22000
MW-5	5/3/2007	50803	690	3500	40	200	410	<10	3500	2100	6100	520	410	30	6400	360	13	530	26000
MW-5	7/31/2007	28074	330	2100	24	<50	<130	9.2	5100	2300	2600	190	<50	16	2500	330	15	560	12000
MW-5	11/6/2007	34680	300	3200	32	<50	<130	8.3	4000	2500	6000	230	<50	18	4300	320	12	760	13000
MW-5	2/28/2008	44166	420	2800	21	<50	310	7	3800	1800	4200	430	120	14	3400	250	14	580	26000
MW-5	4/25/2008	50516	790	4000	37	<50	150	10	5200	2900	5100	320	<100	49	6000	310	20	630	25000
MW-5	9/3/2008	34168	230	1400	15	<50	<120	8.9	6000	1700	6100	760	<50	26	3000	310	18	600	14000
MW-5	12/4/2008	35350	160	760	12	<100	<250	<10	3800	800	5100	270	<100	16	1900	220	12	300	22000
MW-5	3/31/2009	37422	200	830	<10	220	470	<10	4200	650	4200	160	230	12	1900	160	<10	190	24000

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-5	10/8/2009	15959	140	790	**11**	<10	<25	**7.1**	3700	**1100**	**3000**	230	<10	**11**	**1500**	**210**	**9.8**	**350**	4900
MW-5C	9/24/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	11/25/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	3/12/2003	2	<1	2	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	5/22/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	8/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-5C	11/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-5C	2/12/2004	1	<1	1.1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-5C	5/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-5C	8/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	12/2/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	8/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	11/11/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	2/7/2006	3	<1	2.5	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	5/3/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	2/28/2008	2	<1	2.1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	3/31/2009	1	<1	1.4	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-5C	10/8/2009	5	<1	4.8	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-6	11/11/2003	3330	<100	860	<100	<1000	<2500	<100	<100	**2300**	<100	<100	<1000	<100	<100	**170**	<100	<100	<200
MW-6	2/12/2004	324	8.1	72	<5	<50	<120	<5	<5	**210**	<5	<50	<50	<5	<5	17	<5	**17**	<10
MW-6	5/11/2004	367	8	72	<5	<50	<120	<5	<5	**230**	<5	<50	<50	<5	<5	17	<5	**40**	<10
MW-6	8/16/2004	668	16	140	<5	<50	<120	<5	6.8	**380**	<5	<25	<50	<5	<5	30	<5	**95**	<10
MW-6	12/2/2004	1004	21	240	<5	<50	<120	<5	7.9	**590**	<5	<25	<50	<5	<5	52	<5	**93**	<10
MW-6	3/7/2005	97	<2	<2	<2	<20	<50	<2	<2	**90**	<2	<10	<20	<2	<2	7	<2	<2	<4
MW-6	5/12/2005	1468	35	350	<10	<100	<250	<10	26	**830**	<10	<50	<100	<10	<10	77	<10	**150**	<20
MW-6	11/10/2005	1867	73	390	<10	<100	<250	<10	24	**1100**	<10	<50	<100	<10	<10	130	<10	**150**	<20
MW-6	2/7/2006	849	24	200	<5	<50	<130	<5	14	**520**	<5	<25	<50	<5	<5	48	<5	**43**	<10

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-6	5/10/2006	1918	60	510	11	<100	<250	<10	<10	1000	<10	<50	<100	<10	<10	87	<10	250	<20
MW-6	7/20/2006	2565	43	730	<10	<100	<250	<10	32	1400	<10	<50	<100	<10	<10	110	<10	250	<20
MW-6	1/16/2007	5419	130	1500	23	<20	<50	2.2	130	2800	<2	<10	<20	<2	<2	250	3.7	580	<4
MW-6	5/2/2007	8313	180	2300	34	<50	<130	<5	93	4500	<5	<25	<50	<5	<5	320	5.8	880	<10
MW-6	7/31/2007	6018	130	1700	<20	<20	<50	<2	94	3300	<2	<10	<20	<2	9.7	240	4.1	490	50
MW-6	11/6/2007	8859	100	2500	26	<100	<250	<10	83	5200	<10	<50	<100	<10	<10	300	<10	650	<20
MW-6	2/28/2008	2744	53	770	11	<10	<25	1.1	17	1600	<1	<5	<10	<1	<1	140	1.7	150	<2
MW-6	4/25/2008	6854	150	2100	29	<20	<50	3.1	47	3700	<2	<10	<20	<2	<2	290	5.1	530	<4
MW-6	9/3/2008	6063	100	1800	23	<400	<500	<20	<20	3300	<20	<100	<200	<20	<20	200	<20	640	<4
MW-6	12/4/2008	8319	100	2400	27	<40	<100	<4	32	4900	<4	<20	<40	<4	<4	330	<4	530	<8
MW-6	3/31/2009	4648	70	1200	19	<40	<100	<4	39	2600	<4	<20	<40	<4	<4	190	<4	530	<8
MW-6	10/8/2009	10018	130	2700	30	<40	<100	<4	84	5300	<4	<20	<40	<4	<4	370	4.1	1400	<8
MW-8A	9/24/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	11/25/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	8/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	11/12/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	2/18/2004	2	<1	<1	<1	<10	<25	1.8	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8A	5/11/2004	2	<1	<1	<1	<10	<25	2	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-8A	8/11/2004	2	<1	<1	<1	<10	<25	1.9	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8A	12/2/2004	2	<1	<1	<1	<10	<25	1.6	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8A	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	5/12/2005	1	<1	<1	<1	<10	<25	1.1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	8/10/2005	1	<1	<1	<1	<10	<25	1.3	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	11/11/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	2/7/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	11/6/2007	1	<1	<1	<1	<10	<25	1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	2/28/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8A	3/31/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-8A	10/8/2009	1	<1	<1	<1	<10	<25	1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	9/24/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	11/25/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	3/12/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	5/22/2003	1	<1	<1	<1	<10	<25	<1	1.2	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	8/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8B	11/12/2003	9	<1	<1	<1	<10	<25	3	<1	<1	1.1	<1	<10	<1	<1	<1	<1	<1	5
MW-8B	2/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8B	5/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-8B	8/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	12/2/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	8/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	11/11/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	2/7/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	2/28/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	3/31/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-8B	10/8/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10A	9/24/2002	10220	190	4200	<50	<500	<1200	<50	3300	**1200**	<50	<250	<250	<50	<50	**210**	<50	**1000**	120
MW-10A	11/25/2002	9490	140	3700	<50	<500	<1200	<50	4300	**870**	<50	<500	<250	<50	<50	**220**	<50	**260**	<100
MW-10A	3/12/2003	4369	70	1700	<10	<100	<250	<10	1700	**370**	<10	<100	<50	<10	<10	79	<10	**390**	60
MW-10A	5/22/2003	9072	110	3900	<50	<500	<1200	<50	4400	64	82	<500	<5	<50	56	**150**	<50	<50	310
MW-10A	8/11/2003	10100	<100	810	<100	<1000	<2500	<100	8400	<100	130	<1000	<1000	<100	120	**100**	<100	<100	540
MW-10A	11/12/2003	6600	<100	970	<100	<1000	<2500	<100	4900	<100	140	<1000	<5	<100	<100	<100	<100	<100	590
MW-10A	2/11/2004	3460	<100	890	<100	<1000	<2500	<100	2300	<100	<100	<1000	<1000	<100	<100	<100	<100	<100	270
MW-10A	5/11/2004	1258	<10	460	<10	<100	<250	<10	630	16	33	<100	<100	<10	12	20	<10	**30**	57

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-10A	8/11/2004	3083	12	1200	<10	<100	<250	<10	1700	18	44	<100	<50	<10	<10	39	<10	32	38
MW-10A	12/1/2004	6122	49	1800	<20	<200	<500	<20	2500	310	300	<200	<100	<20	160	63	<20	230	710
MW-10A	12/1/2004	4815	35	1400	<10	<100	<250	16	2000	240	230	<100	<50	<10	120	44	<10	170	560
MW-10A	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<2
MW-10A	5/12/2005	3565	25	1600	<10	<100	<250	<10	1400	150	47	<100	<50	<10	17	37	<10	220	69
MW-10A	8/10/2005	6712	<25	2600	<25	<250	<630	<25	2800	210	230	<250	<130	<25	73	39	<25	320	440
MW-10A	11/11/2005	3141	<10	660	<10	<100	<250	10	1400	72	260	<100	<50	<10	72	16	<10	31	620
MW-10A	5/10/2006	2938	35	530	2.3	<10	<25	12	1400	77	250	<10	<5	<1	70	21	1.7	29	510
MW-10A	7/20/2006	3346	22	450	1.5	<10	<25	7.6	2300	82	57	<10	<5	<1	23	19	3.4	40	340
MW-10A	10/17/2006	1878	15	310	1.3	<10	<25	5.4	1200	39	11	<5	<10	<1	16	11	1.8	17	250
MW-10A	1/16/2007	10827	73	2000	6.8	<10	<25	21	6500	330	520	<10	<5	<1	110	54	1.9	110	1100
MW-10A	5/2/2007	203	4.9	69	<1	<10	<25	<1	57	10	11	<10	<5	<1	1	2.4	2	1.3	44
MW-10A	7/31/2007	492	11	170	<1	<10	<25	1.6	230	23	7.5	<10	<5	<1	2.3	5	3.3	7.4	31
MW-10A	11/6/2007	2168	63	750	4.3	<10	<25	4.7	910	150	39	<10	<5	<1	19	22	2	34	170
MW-10A	2/28/2008	2785	30	350	1.8	<10	<25	7.6	950	63	410	5.4	<10	<1	180	12	1.2	14	760
MW-10A	4/25/2008	13765	150	1600	8.4	<10	<25	24	4400	260	1900	23	<10	<1	890	53	2.6	54	4400
MW-10A	9/3/2008	6718	200	2000	10	<50	<120	18	3000	430	180	<25	<50	<5	170	52	<5	68	590
MW-10A	12/4/2008	5819	77	870	4.2	<10	<25	12	1300	150	710	5.8	<10	<1	330	29	1.5	29	2300
MW-10A	3/31/2009	5	<1	5.1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10A	10/8/2009	80	3.3	42	<1	<10	<25	<1	30	4.5	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	9/24/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	11/25/2002	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	3/12/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	5/22/2003	3	<1	<1	<1	<10	<25	2.5	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	8/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-10C	11/12/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-10C	2/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-10C	5/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-10C	8/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	12/2/2004	2	<1	<1	<1	<10	<25	1.5	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	8/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	11/11/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	2/7/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-10C	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<5	<1	<1	<1	<1	<1	<2
MW-10C	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	2/28/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	3/31/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-10C	10/8/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	11/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-12A	2/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-12A	5/11/2004	2	<1	<1	<1	<10	<25	1.1	<1	1.2	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-12A	8/11/2004	1	<1	<1	<1	<10	<25	1.1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	12/1/2004	1	<1	<1	<1	<10	<25	1.2	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	8/10/2005	1	<1	<1	<1	<10	<25	1.1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	11/11/2005	2	<1	<1	<1	<10	<25	1.5	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	2/7/2006	1	<1	1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	7/20/2006	3	<1	<1	<1	<10	<25	1.5	1.1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	10/17/2006	1	<1	<1	<1	<10	<25	1.3	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	5/2/2007	1	<1	<1	<1	<10	<25	1.2	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	2/28/2008	2	<1	<1	<1	<10	<25	1.2	1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	4/25/2008	1	<1	<1	<1	<10	<25	1.2	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	9/3/2008	2	<1	<1	<1	<10	<25	1.2	1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	12/4/2008	1	<1	<1	<1	<10	<25	1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	3/31/2009	1	<1	<1	<1	<10	<25	1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12A	10/7/2009	1	<1	<1	1.1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	11/11/2003	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<2
MW-12C	2/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2
MW-12C	5/11/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<10	<10	<1	<1	<1	<1	<1	<2

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
MW-12C	8/12/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	12/2/2004	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	3/7/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	5/12/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	8/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	11/10/2005	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	2/7/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	5/10/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	7/20/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	10/17/2006	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	1/16/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	5/2/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	7/31/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	11/6/2007	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	2/28/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	4/25/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	9/3/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	12/4/2008	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	3/31/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
MW-12C	10/8/2009	0	<1	<1	<1	<10	<25	<1	<1	<1	<1	<5	<10	<1	<1	<1	<1	<1	<2
SUMP	9/24/2002	4528	**790**	800	<20	<200	<500	<20	2700	**70**	35	<100	<200	<20	<20	<20	<20	**38**	95
SUMP	11/25/2002	7504	**2300**	1600	**49**	<200	<500	<20	3100	**260**	<20	<100	<200	<20	<20	32	<20	**74**	89
SUMP	3/12/2003	6780	**3200**	1600	**40**	<200	<500	<20	1400	**290**	30	<100	<200	<20	30	29	<20	**51**	110
SUMP	5/22/2003	13904	79	3200	<20	<200	<500	<20	10000	55	50	<100	<200	<20	110	**160**	<20	<20	250
SUMP	8/11/2003	2126	**620**	490	<10	<100	<250	<10	800	**120**	<10	<100	<100	<10	<10	14	<10	**58**	24
SUMP	11/11/2003	12430	**7800**	2900	<250	<2500	<6200	<250	1100	**630**	<250	<250	<2500	<250	<250	<250	<250	<250	<500
SUMP	2/11/2004	6760	**3800**	1500	<100	<1000	<2500	<100	1200	**260**	<100	<1000	<1000	<100	<100	<100	<100	<100	<200
SUMP	8/12/2004	2500	**1100**	510	<25	<250	<620	<25	690	**97**	<25	<120	<250	<25	<25	<25	<25	**53**	50
SUMP	12/1/2004	7523	**4000**	1800	**52**	<250	<620	<25	1000	**350**	26	<120	<250	<25	<25	31	<25	**64**	200
SUMP	3/7/2005	15900	**340**	3900	<50	<500	<1300	<50	120	**8700**	<50	<250	<500	<50	<50	**740**	<50	**2100**	<100
SUMP	8/10/2005	11440	**6400**	3100	<100	<1000	<2500	<100	1100	**580**	<100	<500	<1000	<100	<100	<100	<100	<100	260
SUMP	11/10/2005	8236	**4800**	1900	**39**	<10	<25	1.8	750	**470**	33	<5	<10	1.2	7.2	42	2.8	**79**	110
SUMP	2/6/2006	4933	**3000**	1100	**24**	<20	<50	<2	500	**260**	4.8	<10	<20	<2	<2	19	<2	**25**	<40
SUMP	5/9/2006	7033	**4100**	1700	<50	<10	<25	1.1	730	**360**	9.3	<5	<10	<1	1.5	<50	2.4	**74**	55
SUMP	7/19/2006	6096	**3200**	1700	**32**	<200	<500	<20	780	**300**	**<20**	<100	<200	<20	<20	29	<20	**55**	<40
SUMP	10/16/2006	5617	**3100**	1300	**30**	<200	<500	<20	840	**280**	<20	<100	<200	<20	<20	24	<20	**43**	<40
SUMP	1/15/2007	4184	**2300**	970	**20**	<200	<500	<20	690	**170**	<20	<100	<200	<20	<20	<20	<20	**34**	<40

Table 1
Historic VOC Analytical Results

Well ID	Date Sampled	TVOCs	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Hexane	Methyl ethyl ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes
MCL	2/3/2010	N/A	**200**	N/A	**7**	N/A	N/A	**5**	N/A	**70**	**700**	N/A	N/A	**5**	**1,000**	**100**	**5**	**2**	**10,000**
SUMP	5/1/2007	5715	**3400**	1500	**32**	<200	<500	<20	470	**260**	<20	<100	<200	<20	<20	<20	<20	**53**	<40
SUMP	7/31/2007	6461	**3900**	1500	**86**	<20	<50	<2	460	**370**	3.3	<10	<20	<2	16	34	<2	**76**	16
SUMP	11/5/2007	5442	**3300**	1400	**31**	<20	<50	<2	450	**190**	<2	<10	<20	<2	<2	15	<2	**46**	10
SUMP	2/27/2008	3856	**2300**	1000	**18**	<20	<50	<2	280	**200**	<2	<10	<20	<2	<2	16	<2	**42**	<4
SUMP	4/24/2008	5599	**3200**	1500	**30**	<20	<50	<2	520	**260**	<2	<10	<20	<2	<2	22	<2	**67**	<4
SUMP	9/2/2008	5801	**3400**	1500	**39**	<20	<50	<2	470	**280**	<2	<10	<20	2.4	<2	25	2.8	**82**	<4
SUMP	12/3/2008	4338	**2400**	1300	**23**	<20	<50	<2	310	**230**	<2	<10	<20	<2	<2	20	<2	**55**	<4
SUMP	3/30/2009	3755	**2100**	1100	**20**	<20	<50	<2	340	**160**	<2	<10	<20	<2	<2	11	<2	**24**	<4
SUMP	10/8/2009	4250	**2200**	1300	**26**	<20	<50	<2	370	**250**	<2	<10	<20	<2	<2	22	<2	**77**	5.4

Yellow highlights indicate a detection of the compound.
Blue highlights indicate a concentration above the MCL
MCL - US EPA Maximum Contamination Limit for drinking water