RCRA Corrective Action Environmental Indicator Evaluation (EI) RCRIS Code (CA-725) for Human Exposures Under Control

Prepared For:
Waterbury Rolling Mills, Inc.
Waterbury, Connecticut

DATE: **July 2005**
Revised September 2005
Project: **0284-314**

MALCOLM PIRNIE

ENVIRONMENTAL ENGINEERS, SCIENTISTS & PLANNERS

MALCOLM PIRNIE

LETTER OF TRANSMITTAL

To: USEPA Region 1 (HBT)
One Congress Street, Suite 1100
Boston, MA 02114-2023
Attention: Aaron Gilbert

Date: September 7, 2005
Re: RCRA Corrective Action
Environmental Indicator (EI)
RCRIS Code (CA-725)

We are sending you ☒ Enclosed Under separate cover via Mail Messenger, the following items:

shop drawings prints data sheets _____

specifications sketches brochures _____

Our action relative to items submitted for approval has been noted on the drawings.

COPIES	PREPARED BY	REFERENCE NO.	DESCRIPTION
1	Malcolm Pirnie, Inc.	0284-314	Revisions to selected sections of RCRA Corrective Action, Environmental Indicator Evaluation (EI) RCRIS Code CA-725 for Human Exposures Under Control
Description of revisions to CA-725 checklist	Title Page; CA-725 Checklists Table of Contents; Site-Wide Release Summary; SWMU #13 page 3E; AOC #11 page 2 of 2H; AOC 13a page 6I; NCAP #4 pages 2K and 3K; Offsite Groundwater Migration page 2L.		
Description of revisions to Special Study Report	Title Page; Table of Contents page ii; pages 2-4, 4-5, 5-4, and 5-8; Appendix B - Table 6 pages 2, 4, 6, & 8; Appendix C – addition of Figures 5 and 6.		

THESE ARE TRANSMITTED AS CHECKED BELOW:

☒ As requested
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Approved
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Resubmit _____ copies for approval
Submit _____ copies for distribution
Return _____ corrected Prints

Remarks: Please replace the individual pages from the July 2005 version with the revised pages provided here. The changes made reflect EPA's comments provided on September 1, 2005.

Malcolm Pirnie, Inc.
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Very truly yours,

Andrew J. Danzig, PE
Senior Project Engineer

Copies: T. Mueller, Olin

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.
INDEPENDENT ENVIRONMENTAL ENGINEERS, SCIENTISTS & CONSULTANTS

July 14, 2005

Mr. Aaron Gilbert
USEPA
1 Congress Street
Ste. 1100 (HBT)
Boston, Massachusetts 02114-2023

Re: Waterbury Rolling Mills (WRM), Waterbury Connecticut

Dear Mr. Gilbert:

Enclosed is the updated and final RCRA Corrective Action Environmental Indicator Evaluation (EI) RCRIS Code (CA-725) for Human Exposures Under Control for the referenced site. This evaluation supercedes previous EI CA-725 evaluations submitted by GZA Environmental Inc., Haley & Aldrich and Malcolm Pirnie, Inc. (Pirnie). This document is submitted to provide a current assessment and account for the newest data collected on the site associated with a Phase III Site Assessment (Phase III). The new data collected pertaining to this report are included in the text and appendix sections provided.

Any conditions on the site that have changed since the earlier EI CA-725 evaluations have been included in the current assessment report.

If you have any questions, please contact me at (860) 635-3400.

Very truly yours,

MALCOLM PIRNIE, INC.

Brian P. McCarthy, LEP
Senior Project Hydrogeologist

Enclosures

Cc: T. Mueller, Olin Corp.

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.
INDEPENDENT ENVIRONMENTAL ENGINEERS, SCIENTISTS & CONSULTANTS

September 15, 2005

Mr. Aaron Gilbert
USEPA
1 Congress Street
Ste. 1100 (HBT)
Boston, Massachusetts 02114-2023

Re: Waterbury Rolling Mills (WRM), Waterbury Connecticut

Dear Mr. Gilbert:

This is to confirm that all requirements have been met for completion of the RCRA Corrective Action Environmental Indicator Evaluation (EI) RCRIS Code (CA-725) for Human Exposures Under Control for the referenced site. Final revisions were provided to you by mail on September 7, 2005 and additional minor corrections were submitted by email on September 14.

As noted on page 3E of the Historic Landfill Area (SWMU #13) Release Summary and on page 4-5 of the Special Study Report, WRM installed 48" tall snow/drift fencing and posted warning signs to restrict access to the area in SWMU #13 where copper was found in soil at concentrations exceeding CTDEP IDEC. Two signs (24" by 30"), posted on the sides of most likely access to the area, say "**Danger. No Trespassing. Authorized Personnel Only**". Two additional signs (12" by 18") were posted on sides where access is unlikely, which say "**Danger. Keep Out**".

If you have any questions, please contact me at (860) 635-3400.

Very truly yours,

MALCOLM PIRNIE, INC.

Andrew J. Danzig, PE
Senior Project Engineer

Cc: T. Mueller, Olin Corp.

Special Study Report

Human Exposures Assessment for Environmental Indicators CA-725 (revised)

Prepared For:
Waterbury Rolling Mills, Inc.
Waterbury, Connecticut

DATE: August 2003
Project: 0284-31-4

1st Revision: May 2004
2nd Revision: July 2005
Final Revision: September 2005

MALCOLM PIRNIE

ENVIRONMENTAL ENGINEERS, SCIENTISTS & PLANNERS

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APPENDICIES

1.0 Introduction

This report is a revision from the original Malcolm Pirnie Inc. (MPI) Environmental Indicator (EI) Report that was submitted to Region 1 USEPA (USEPA) in December 2001. It contains additional soil and groundwater data that were generated during a Phase III Environmental Site Assessment (Phase III ESA) and supplemental investigation performed throughout April of 2005. The supporting documents referenced in this report are listed in bibliographical form in Appendix A. A list of Solid Waste Management Units (SWMUs), Areas of Concern (AOCs) and National Corrective Action Prioritization System (NCAPS) are provided on Table 1 (Appendix B). Table 1 is presented to outline and address the questions of whether (1) releases had occurred at these areas and, (2) if human exposure pathways were or were not present. Table 1 also summarizes by area, the data relied upon, if any, generated since the original EI in 1999 by GZA.

This report supplements the earlier EI submittals for the site and closes the data gaps for SWMUs, AOCs and NCAPS for which determinations were not previously possible. Several areas identified on the NCAPS list were previously evaluated in the initial EI submittal and were not re-assessed unless additional characterization was warranted. The NCAPS areas were evaluated by MPI and a report was submitted to USEPA on November 5, 2001. The location specific information provided in this report is used in support of the EI forms for human health exposure stabilization (CA-725).

1.1 BACKGROUND

In September of 1999 Waterbury Rolling Mills (WRM) of Waterbury, Connecticut agreed to evaluate the RCRA Corrective Action Environmental Indicators (EIs) under the USEPA Voluntary Corrective Action (VCA) Program. These EIs provide a basis of evaluation of current site conditions used to determine if the facility currently meets or likely could meet criteria to be classified as "stabilized" for human exposures and ground water indicators, CA-725 and CA-750, respectively.

GZA GeoEnvironmental Inc. submitted the initial EI site evaluation document and the EI checklist to USEPA in December 1999 and March 2000, respectively. These documents consisted of a summary of various SWMUs and AOCs along with the associated EI form. The environmental conditions were evaluated and it was concluded that data was insufficient to make a determination. The majority of the SWMUs and AOCs were controlled for human exposures while others needed characterization. This submission presents all relevant data obtained since those initial submissions through June 2005, and provides determinations for all areas with respect to CA-725.

2.0 Site Description

2.1 GENERAL

The WRM site is located in Waterbury, Connecticut, approximately one-quarter mile north of the confluence of Steele Brook with the Naugatuck River and about one mile north of the Interstate 84 and Route 8 interchange, as shown on Figure 1 (Appendix C). Current site land use is industrial, and land use in the immediate area is a mix of industrial and commercial.

The site consists of approximately 12 acres of land as shown on Figure 2 (Appendix C). Site improvements include a manufacturing building: 125,000 ft^2; a small (2,000 ft^2) grinding shop building at the north side, two small (1,800 ft^2 and 4,100 ft^2) office/storage buildings on the south side fronting the street, and a training trailer (600 ft^2) and paved yard areas. The manufacturing buildings are of various ages, all with concrete floors at grade. Roofing is mainly rolled-roofing with some shingles and rubber. Building walls are composed of brick masonry except for a recent addition, across the east end of the brick masonry mill buildings, which is an engineered metal building. The majority of the site area south of the grinding shop is paved with asphalt and concrete. North of the grinding shop are two former wastewater treatment impoundments (now capped), and undeveloped land. Additional undeveloped land is also owned by WRM on the opposite side of Steele Brook.

On the north side of the manufacturing building are several other ancillary structures and storage areas the largest being a 700 ft^2 brick building now used for storage. West of this building is an air pollution control structure (baghouse) that collects dust from the manufacturing process, prior to transport offsite for recycling. In the northwest corner of the yard area are two covered concrete staging pads for rolloffs and a liquid hydrogen and liquid nitrogen storage area.

2.2 VICINITY DESCRIPTION

The site lies in an industrial area of Waterbury and is surrounded by numerous, closely spaced industrial facilities. To the immediate west, north, east, and south are Steele Brook, a former railroad grade (purchased by WRM in 1998), and East Aurora Street, respectively. Opposite Steele Brook are vacant land (owned by WRM) and the Anchor Fasteners facility. Opposite the railroad grade on the east is (from north to south) Mirror Polishing & Plating and Fibercote (a.k.a. U.S. Prolam). Opposite the WRM site on East Aurora Street is the former property that is now called AREV East Aurora Street, LLC, and east of that property is the Albert Brothers scrap metal recycling facility. The adjacent businesses are shown in their approximate locations on Figure 2.

2.3 PHYSICAL SETTING

The site is located in a flat to gently sloping triangular river terrace north of the confluence of Steele Brook and the Naugatuck River, (see Figure 1). These two watercourses flow generally southward in the site area and form the southeastern and southwestern sides of the terrace, which are about three-quarters of a mile wide at its north end. The terrace elevation is approximately 280 to 300 feet above mean sea level. The north side of the terrace and the opposite sides of the brook and river are bounded by hills rising to over 550 feet above mean sea level. Elevations on-site range from about 275 to 280 feet. The two watercourses in the vicinity are the presumed discharge locations for groundwater in the area. Steele Brook, the lesser stream, transects the site at elevations of approximately 270 feet and the Naugatuck River, the greater watercourse to the east, lies at approximately 260-265 feet.

The terrace is underlain primarily by sand and gravel. Beneath the extreme northern part of the site, there is a 5-foot-thick layer of dark brown sand and ash fill near the river. At most locations beneath the fill is roughly 20 feet of coarse-grained sand and gravel.

However, deep wells onsite penetrate about 75 feet of silty, fine-grained sand before reaching glacial till and metamorphic bedrock. All soil boring and well locations are shown on Figure 2 and Figure 2A (most recently installed borings and wells).

Groundwater is present in the overburden at depths of about 12 to 15 feet at the eastern site boundary and at 7 to 8 feet near Steele Brook. The brook lies in a channel that is about eight feet deep. A groundwater table flow direction and contour map for the site is provided in Figure 3 in Appendix C. More recent groundwater elevation data collected in 2005 is consistent with groundwater flow depicted in this 2002 map.

2.4 DESCRIPTION OF OPERATIONS

WRM manufactures rolled copper products for the electronic and other industries. The process includes the electric induction casting of copper based alloys into continuous horizontally casted copper based strips that are then rolled into thinner strips, annealed and chemically cleaned.

The production activities at WRM include:

- Casting
- Milling
- Annealing
- Rolling
- Chemical cleaning with alkali and acid
- Slitting

Melting furnaces convert recycled copper alloy scrap and virgin materials into a molten metal. The molten metal is extracted through graphite water-cooled dies (casted), then coiled. The coils are then milled to remove surface imperfections. Water-soluble oils are used in this process as lubricants. After milling, the coils are rolled. Water-soluble and mineral oils are used in this process.

The coils are then placed in natural gas fired, inert atmosphere annealing furnaces for stress relief. Recirculated non-contact cooling water is used to control the temperature of the annealing process.

A continuous chemical cleaning line is used to remove smut, carbon and metal oxides from the surface of the metal. This line includes an alkaline cleaner, an acid pickle bath, associated rinse tanks and the application of an oxidation inhibiting coating.

Maintenance activities include general machining (milling, grinding), parts washing (using a non-hazardous cleaner), and painting (using latex based paints applied with a brush or roller).

2.5 FACILITY UPGRADES

2.5.1 AOC # 8 AST in Office building

Since the initial EI submission in December 1999, the 330 gallon above ground storage tank (AST) (AOC #8) that provides heating fuel oil for the office building was upgraded. The new tank is located in the same location as the former in the northwest end of the basement of the office building. The new tank is 275 gallons and is a double walled tank with a leak detection float in the interstitial space between the tank walls. The new tank was installed during the first week of October 2001. The exterior fill pipe and vent are provided with a bermed splash pad for overfill protection.

2.5.2 AOC # 12 (transformers)

Also since the initial EI submission, AOC #12 has been upgraded. Three transformers have been taken out of commission at this location and have been replaced with two transformers. Both of the replacement transformers are brand new. One is a dry transformer and the other is a non-polychlorinated biphenyl (PCB) oil unit.

WRM is implementing a groundwater monitoring program to assess the presence and, if so, concentration of volatile organic compounds (VOC) associated with these areas. In general, this will be accomplished by sampling groundwater on the presumed downgradient side of the transformers including the four located in the main building and three in exterior areas.

3.0 SWMUs, AOCs and NCAPS Evaluations

3.1 CONTROLLED AREAS

The following list of SWMUs and AOCs were identified in the initial GZA December 1999 report and CA-725 EI. The locations of these on-site are shown on Figure 2. These areas and/or processes were determined in the GZA December 1999 report as being controlled for human exposures. MPI has reviewed these earlier findings and has provided reasons and rationale for concurrences per each of these items on the applicable corresponding EI form. Areas in bold print required additional evaluation that is presented in this report. The numbering corresponds to that used in the original EI evaluation.

SWMUs

1. Former Outside Drum Storage Area
2. Baghouse Storage Area
3. **PCB Storage Shed**
4. Griset Mill Satellite Storage
5. Wastewater treatment system/discharge
6. Primary waste storage area
7. Secondary Waste Storage Area
8. Former Surface impoundment area
9. Exhaust Condensate collection system from annealing furnaces
10. Metal hydroxide sludge roll off
11. Scrap concrete/firebrick and metal roll off
12. Oily sweeps roll off
13. **Historic Landfill Area**
14. Former Hazardous Waste Storage Area
15. Former Waste Oil AST

AOCs

1. Former sulfuric acid storage
2. Sulfuric acid spill area
3. Former tanks by accounting office building
4. Former tanks near maintenance area
5. Parts washer
6. Virgin oil storage (grinding shop)
7. Virgin oil storage (production bldg)
8. Above ground storage tank (AST) in office building
9. Diesel AST for 400kw emergency generator outside baghouse area
10. No. 2 fuel oil AST for boiler
11. Four former tanks near railroad tracks
12. Transformers
13. A. Fuel oil underground storage tank (F8, not found)
    B. Former 4,000 gallon Diesel/Gasoline UST

    Note: AOC 13 has been revised from the December 1999 report to include 13a and 13b. Also according to WRM personnel, UST E7 was interchanged with UST F8.

Areas identified in the NCAPS review were also determined to be controlled for human exposures in a November 5, 2001 report to USEPA by MPI on behalf of WRM. These areas are also shown on Figure 2. There is some overlap between SWMUs, AOCs and NCAPS areas.

NCAPS Areas

1. Metal Hydroxide Sludge Lagoon
2. Hazardous Waste Storage Shed
3. Former Waste Oil Storage Tank (7,500 gallon)
4. Pickling Line
5. Waste Water Treatment System
6. Baghouse Storage Area

7. Furnaces
8. Waste Storage AST (550 gallon)
9. Rolling Mills
10. Slitting Rooms
11. Furnace Oil Spill Area (Stain)
12. Machine Shop
13. Drum Storage Areas
14. PCB Storage Area

Areas that were further investigated and then determined to be controlled for Human exposures were:

- PCB Storage Shed (SWMU #3)
- Historic Landfill Area (SWMU #13)

Potential human exposures that are addressed in this report include:

- Site wide volatilization for groundwater constituents~~, and~~

All environmental data have been compared to applicable criteria under the Connecticut Department of Environmental Protection (CTDEP) Remediation Standard Regulations (RSR). Data has also been compared to the March 2003 Proposed Revisions of the groundwater volatilization criteria.

4.0 Evaluations of Human Exposures from SWMU #3, and SWMU #13

4.1 SWMU #3

4.1.1 Sampling and Analysis Plan

The PCB storage shed (SWMU #3) was initially evaluated to be controlled for human exposures in the December 1999 EIE. The storage shed was decommissioned and the concrete floor was decontaminated in January of 2000. The wastewater generated by the floor decontamination was analyzed for PCBs and residual concentrations were detected. Due to this, a work scope was prepared by Haley and Aldrich (H&A) (March 2001) proposing sampling for PCBs in soil surrounding the storage unit. On May 2nd and 3rd 2001 soil samples were collected from beneath the concrete floor in the center of the storage unit (1 boring), on the east side (2 borings), and on the south side (1 boring). The samples were collected from the surface to a depth of 5 feet below grade. The samples of the surface materials surrounding the floor and the associated underlying soil were collected in 6-inch increments. Initially the upper level pavement and soil were analyzed, progressing downward in an incremental fashion until the PCB concentrations were reported to be less than 1 part per million, the Residential Direct Exposure Criteria (RDEC). These borings and samples were identified as HA-8, HA-5, HA-6 and HA-7, respectively and are located on Figure 4 in Appendix C. The soil samples were analyzed for PCB using EPA Method 8082. Sample HA-8 was also analyzed for PCBs by the synthetic precipitation leaching procedure (SPLP).

MPI collected concrete drill dust samples in accordance with EPA guidelines in November of 2001 to further verify the concentration of PCB residuals on the surface of the concrete floor.

Soil was subsequently sampled by MPI from surface soil following the removal of the original concrete floor. Soil was collected from 4 spots in this area and was composited for analysis. The sample was collected on November 21, 2001 and was analyzed for PCB by EPA Method 8082, Extractable Total Petroleum Hydrocarbons (ETPH), and Total Resource Conservation Recovery Act (RCRA) Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) plus total copper.

4.1.2 Results

Concentrations of PCBs in the uppermost level pavement and soil samples collected by H&A were below the detection limits in samples HA-5, HA-6 and HA-7. Consequently, deeper samples at these locations were not analyzed in accordance with the sampling plan. The soil sample collected from HA-8 (within the PCB storage shed footprint) directly below the concrete pad had a PCB concentration of 0.093 mg/kg. All sample results were below the RDEC for PCB of 1 mg/kg.

Concrete drill dust samples P-1 through P-4 collected by MPI on November 21, 2001 had PCB concentrations of 0.668 mg/kg, 18.4 mg/kg, 23.4 mg/kg and 32.4 mg/kg, respectively. Three of these concentrations exceed the RDEC of 1 mg/kg. Concrete sample locations are also shown on Figure 4.

Following removal of the floor, MPI collected a composite soil sample from temporarily exposed soil at the pad area. The confirmatory soil sample was a composite sample collected from 4 places below the pad (also shown on Figure 4) and composited for analysis as one sample. The PCB result for this composite sample was 81 mg/kg. Copper was also detected in the sample at a concentration of 4,600 mg/kg that exceeds the RDEC of 2,500 mg/kg.

Based on the visible nature of fill material in the underlying soil, WRM replaced the PCB storage shed floor on November 26, 2001 with a new concrete floor. This floor renders the underlying soil inaccessible. PCB residues remaining in place do not represent a human exposure hazard under existing site conditions.

The laboratory data reports for all characterization samples of the concrete floor and soil underlying and surrounding the PCB storage shed are provided in Appendix D.

4.1.3 Interim Corrective Action for SWMU #3 and Confirmatory Results

As previously stated, WRM elected to remove and dispose of the original concrete floor associated with the former PCB storage shed due to the results of the concrete sampling. The concrete floor was broken up and removed on November 19, 2001. A new replacement floor was installed on November 26, 2001. The concrete was disposed offsite in accordance with all Federal, State and Local regulations. All underlying residual soils are rendered inaccessible and the unit is currently **controlled for human exposures**. Photographs of this work are provided in Appendix E.

4.2 SWMU # 13

4.2.1 Sample and Analysis Plan

Supplemental investigations for this area were performed in accordance with the work plan (March 2001) submitted by H&A. MPI also performed extensive shallow soil sampling in this area in accordance with an investigation in August 2001, the Phase III ESA performed in the Spring of 2002, and a supplemental Phase III investigation in April 2005.

Preliminary work was performed in this area by H&A on May 2nd and 3rd, 2001 and reported on June 28, 2001. SWMU #13 was subsequently characterized in accordance with the work scope proposed by MPI dated August 2001. The investigation by MPI was designed to characterize target constituent concentrations of the fill material in the historic landfill area for direct exposure. Under the MPI investigation a total of nine borings were drilled in this area from which one sample was collected from each boring and analyzed for total copper, SPLP copper, ETPH and VOCs by USEPA Method 8260B. This analytical plan was developed based on constituents detected in soil in previous investigations at the site. The soil sample interval selected for analysis was

generally 0 to 4 feet below grade, consistent with "accessible soil" as defined in the Connecticut RSR. Boring locations are shown on Figure 2 and 2A. Some delineative sampling in this area that took place in April 2005 included deeper soil sampling to usually six (6) feet below grade.

4.2.2 Results

The MPI report of supplemental investigations was sent to USEPA on September 17, 2001. The data at that time indicated that all total copper concentrations from these soils meet the Industrial/Commercial Direct Exposure Criteria (IDEC) and Class GB groundwater Pollutant Mobility Criteria (GBPMC). Six soil samples however exceeded the RDEC for total copper. Toluene, trichloroethene and naphthalene were detected in various samples, however all were below the respective RDEC, IDEC and GBPMC for those compounds. The results for detected constituents from this and previous sampling at SWMU #13 are summarized in Tables 2 and 2A in Appendix B. Laboratory data reports are provided in Appendix D and Appendix F.

Due to the heterogeneous characteristic of the fill material in this area, copper and TPH concentrations exceeding the RDEC of 2,500 mg/kg for both, but not the IDEC of 76,000 mg/kg for copper, are distributed sporadically throughout the area investigated. The highest concentrations are generally located in the southwestern most portion of SWMU # 13 between the former and present stream channels.

Copper was detected at concentrations exceeding the RDEC at borings B-22/MP-4, B-24, B-26/MP-5, B-28, B-29 and B-30. The copper concentrations did not exceed IDEC or GBPMC for any of the analyzed samples. Former borings B-01, B-02 and B-03 also exceeded the RDEC for copper in shallow soil. These copper concentrations ranged from 269 mg/Kg at boring B-23 to 62,100 mg/Kg at boring B-24 but were below the IDEC. Based on the total number of samples and the distribution of sampling locations throughout the area of interest, we are confident that the range of detected concentrations is representative of the area investigated.

ETPH was detected at concentrations exceeding RDEC (500 mg/Kg) at borings B-24 and B-30. No samples exceeded IDEC or GBPMC (2,500 mg/kg) for ETPH. The ETPH concentrations ranged between less than 10.0 mg/Kg at two of the borings (B-25 and B-29) to 930 mg/Kg at boring B-24.

VOC were detected in four of the nine samples collected although none exceeded their respective RDEC, IDEC or GBPMC. Toluene was detected at a concentration of 15 ug/Kg at boring B-24 compared to the lowest applicable criterion (GBPMC) of 67,000 ug/Kg. Trichloroethene was detected at boring B-24 at a concentration of 36 ug/Kg, at B-25 at a concentration of 43 ug/Kg, at B-27 at a concentration of 25 ug/Kg and at boring B-29 at a concentration of 29 ug/Kg. All detected concentrations are well below the lowest applicable criterion (GBPMC) of 1,000 ug/Kg. Naphthalene was detected in boring B-30 at a concentration of 39,000 ug/Kg compared to the lowest applicable criterion (GBPMC) of 56,000 ug/Kg.

The new data collected in April 2005 near former boring B-24 (0-2') (where a copper concentration of 62,100 mg/kg was previously detected in August 2001) determined copper to be present at a concentration of 193, 000 mg/kg (B-37 0-2'), which exceeds the IDEC. This was the first concentration from this area that exceeded a direct exposure criterion. The SPLP concentration of 0.602 mg/l for this sample did not exceed the GBPMC for copper of 13 mg/l.

The area adjacent to B-37 will require remedial measures to address the copper concentration that exceeded the IDEC. This measure will likely involve excavation and disposal of soil from this limited area. The area where boring B-37 was performed is a fenced in area bounded by Steele Brook to the west and is not accessible to the public or pedestrians. The area is also far removed from any facility workers and/or areas of site processes. As an added precaution against possible exposure to anyone who may stray into the area, WRM installed temporary fencing and signage around the affected area (Figure 5) in September 2005. Under the current conditions of industrial use and specific use of this site area, we maintain that **human exposures are controlled**.

5.0 Site wide Groundwater Volatilization

Human exposure to VOCs in groundwater for this site, although not occurring, would be limited to migration of VOC vapors into overlying buildings since site groundwater is not used for human consumption or production. Groundwater at the WRM site is classified GB. Except for the northern area of the site, the majority of the site is paved. The RSR provides that if the groundwater is less than 15 feet from an occupied structure, the groundwater volatilization criteria (GWVC) will apply to the groundwater. In the case of WRM, the groundwater table varies from 7 to 15 feet below the ground surface across the site. Since these levels may be less than 15 feet under the occupied buildings at some time during the year, volatilization as a potential human exposure was evaluated. In addition to the wells on the northwest part of the site associated with the former surface impoundments (SWMU # 8, NCAPS # 1) numerous groundwater monitoring wells have been installed and sampled sitewide. These include wells installed during the Phase II and Phase III and supplemental investigations. Several wells have also been installed inside the mill building in 2004 and have been analyzed for VOCs in 2005 under the supplemental investigation. All data up through the Phase III investigation groundwater monitoring well sampling is presented in Table 3 in Appendix B. New VOC data from the supplemental Phase III investigation collected in April 2005 is provided in Table 3A.

5.1 SAMPLING AND ANALYSIS

Wells that were sampled and analyzed during the Phase III ESA included MW-1, MW-3, MW-4, MW-5, MP-1, MP-3, MP-4, MP-6, MP-7, MP-8, MP-9, MP-10, MP-11, MP-12, MP-13, MP-14, MP-15, MP-16 (starting in second round), HA-1MW, HA-2MW, HA-3MW, and HA-4MW (see Figure 2). Wells sampled and analyzed for VOCs as a result of a supplemental Phase III investigation included M-28, MP-30, MP-31, MP-32, MP-33, MP-34, MP-35, MP-36, MP-37, MP-38, MP-39 and MP-40. Wells located hydraulically upgradient and in close proximity to the main building include MP-9, MP-8, MP-7, MP-15, MP-14, MW-3, MP-3 and MP-6. Wells on the hydraulically downgradient south side of the main mill building but hydraulically upgradient of ancillary buildings include MP-10, MP-11, MP-12, MP-1, HA-4MW, and HA-2MW. Wells installed inside the mill

building consist of MP-27 through MP-37. Wells installed during the supplemental phase III investigation in March of 2005 include MP-38 through MP-40.

Wells were also sampled for total and dissolved metals of concern including cadmium, copper, lead, nickel and zinc; VOCs by USEPA Method # 8260; and ETPH. Wells associated with the former PCB storage shed were also analyzed for PCB by USEPA Method # 8082. Depth to groundwater and light non-aqueous phase liquid (LNAPL) thickness measurements (if any) were obtained at the time of sample collection. The following discussion focuses on VOCs in groundwater.

5.2 BAGHOUSE STORAGE AREA

Groundwater monitoring wells MP-7 and MP-8 were installed to the east and west of the bag house storage area and are hydraulically up gradient of the main mill building. The down gradient direction is generally southeasterly toward the adjacent main mill building. Trace concentrations of 1,1,1-trichloroethane, 1,1- dichloroethane and trichloroethene were detected in well MP-7 below regulatory standards. No VOCs were detected in MP-8.

5.3 FORMER WASTE OIL STORAGE PAD

Monitoring wells MP-9 and MP-10 were installed north and south, respectively, of the waste oil storage pad. Well MP-11, a deep well, was also installed alongside well MP-10 at this location. Based on the newer site wide information regarding shallow groundwater flow directions, both MP-9 and MP-10 are lateral to shallow groundwater flow at the former waste oil storage pad.

Chlorinated VOCs were detected at trace concentrations in MP-10 in the July and December sample round. Cis-1,2-dichloroethene was detected at 3.5 ug/l and trichloroethene was detected at 5.5 ug/l in July and only trichloroethene was detected at 0.61 ug/l in the December sample round.

Some VOCs were detected in well MP-11 at low concentrations consisting of 1,1-dichloroethane, acetone, chloroform, cis-1,2-dichloroethene, MTBE, tetrachloroethene (PCE) and trichloroethene (TCE). The concentrations of TCE in the three sample rounds were 38 ug/l, 35 ug/l and 38 ug/l, respectively, below the industrial GWVC (IGWVC) of 67 ug/l.

5.4 UNDERGROUND STORAGE TANK AREAS

5.4.1 USTs A1-B4 and C5

Wells MW-3, and MP-3 were sampled near the former underground storage tank (UST) area (B4, B3, A2, A1) and UST area C5. Well MP-6 that is laterally side gradient to the USTs was also sampled. Wells sampled to characterize groundwater conditions associated with USTs C5 and UST area A1-B4 included MP-3, MW-3, MP-6, MP-14, MP-22, MP-23, MP-24 and MP-40. Wells MP-22, MP-23 and MP-24 have not been analyzed for VOCs. Based on the current understanding of groundwater flow directions determined on-site (shown in Figure 3), MP-14, MP-3, MP-22 and MP-23 are lateral to these UST areas and MW-3 is up gradient to these former tank areas.

VOCs were not detected in MW-3, in any sample rounds, consistent with results from the RCRA groundwater monitoring. Traces of several VOCs were also detected in well MP-3 including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and naphthalene not exceeding any GWVC.

In well MP-40 (sampled in April 2005) concentrations of VOCs were detected that are indicative of fuel oil. These constituents consisted of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, isopropylbenzene, xylene naphthalene and n-propylbenzene. All of these compounds did not exceed applicable volatilization criteria.

VOC were detected in MP-6 at trace concentrations none of which exceed either a SWPC or an applicable GWVC. The VOCs were similar in composition to those detected in

MP-3, including 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, naphthalene and trichloroethene. Various other VOCs detected in this well were all indicative of fuel oil constituents.

Somewhat higher concentrations of VOCs were detected in well MP-14 relative to MW-3, MP-3 and MP-6 although no concentrations exceed any regulatory criteria. The only chlorinated VOC detected in MP-14 was 1,1-dichloroethane at 2.3 ug/l, 2.1 ug/l and 1.7 ug/l not exceeding any regulatory criteria. In well MP-14, a light non-aqueous phase liquid (LNAPL) was encountered during the sampling event in the three sample rounds. LNAPL measurements were 1.69, 5.47, and 6.5 feet respectively in the three sample rounds. There are no non-industrial receptors or exposures associated with this well.

5.4.2 USTs D6/E7 and F8 (AOC # 4, AOC # 13a) Results

Groundwater was sampled at wells MP-1, MP-12, HA-1MW, HA-2MW, HA-3MW, and HA-4MW, MP-38 and MP-39 in association with UST area tanks D6/E7 and F8 (see Figure 2). VOCs in these wells were detected at trace concentrations not exceeding any regulatory criteria

Well MP-12 is located lateral to the D6/E7 closed tank area. 1,1,1-trichloroethane was detected in MP-12 at concentrations of 0.5 ug/l, 1.4 ug/l and 0.79 ug/l in the three rounds. PCE was also detected below regulatory standards in this well at trace concentrations of 4.3 ug/l, 0.78 ug/l and 0.54 ug/l in the three respective sample rounds. These trace concentrations are not indicative of the former UST contents and are indicative of lateral groundwater conditions to these UST areas.

Well HA-1MW, located roughly 120 feet down gradient of the abandoned tank area, contained VOCs at generally low concentrations similar to fuel oil constituents and no chlorinated VOCs were detected. VOCs consisted of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and naphthalene at concentrations below applicable GWVC.

VOCs indicative of fuel oils were also detected in HA-2MW at trace levels below applicable GWVC. Chlorinated VOCs were not detected in HA-2MW.

Well HA-3MW, located 50 feet east of well HA-1MW contained trace concentrations of VOCs that included 1,2,4-trimethylbenzene at 54 ug/l, 50 ug/l and 46 ug/l. 1,3,5-trimethylbenzene was detected at 15 ug/l, 11 ug/l and 13 ug/l, naphthalene was detected at 39 ug/l, 24 ug/l and 23 ug/l in the three sampling rounds. These concentrations were all below applicable GWVC, and chlorinated VOCs were not detected.

In well HA-4MW, located 100 feet west of HA-2MW a trace of chloroform and methylene chloride were the only VOCs detected and were at concentrations below applicable GWVC.

5.4.3 UST Areas Conclusions

Groundwater monitoring wells sampled near the UST areas focused on TPH and VOC residues. There is no standard for TPH in groundwater in a GB classified area. Some wells drilled directly alongside former tank areas had measurable levels of LNAPL. LNAPL was measured in all wells and only those with detectable amounts were recorded. In well MP-1, roughly 0.25 feet was detected and in well MP-3 roughly 0.33 feet was detected. Well MP-14 also had significant measurable product, roughly 5 feet. Recently installed interior monitoring wells also contained significant thicknesses of LNAPL. These wells consist of MP-27, MP-28, MP-29, MP-30, MP-31, MP-32, MP-33 and MP-34. Generally the extent of LNAPL on the groundwater beneath the mill building has been delineated to the extent to design a recovery system. Other wells located down gradient or near former UST areas that had significant concentrations of TPH but no measurable product included HA-3MW, HA-1MW, HA-2MW, HA-4MW and MP-6. The CTDEP requires any LNAPL to be removed to the fullest extent practicable. There are no non-industrial receptors or exposures resulting from the LNAPL detected in the monitoring wells.

5.5 PCB STORAGE SHED (SWMU # 3, NCAPS # 14)

Trace concentrations of the chlorinated VOCs 1,1,1-trichloroethane and 1,1-dichloroethane were detected in wells MP-15 and MP-7. VOCs indicative of fuel oil constituents only were detected in MP-14. No VOCs detected exceeded applicable GWVC.

5.6 NORTH SECTION OF SITE (SWMU # 13)

Wells sampled in the northern section of the site consisted of MW-1, MW-4, MW-5, and MP-4. VOCs detected in MW-1 consisted of cis-1,2-dichloroethene at trace levels of 1.4 ug/l, 3.0 ug/l and 3.1 ug/l in the sample rounds. TCE was detected at concentrations of 24 ug/l, 9.1 ug/l and 17 ug/l, below any regulatory standard for this site. Vinyl chloride was detected in the second and third sample round both at a concentration of 3.3 ug/l that exceeds the RGWVC of 1.6 ug/l. The concentration of vinyl chloride in this well was the only compound detected that exceeded a standard for VOC on the entire site. This concentration of vinyl chloride was not reproduced in any wells located down gradient of MW-1 or closer to the main facility building. In well MW-4, VOCs were not detected. In well MP-4, located 70 feet south of MW-4, TCE was detected at concentrations ranging from 0.79 ug/l to 0.94 ug/l not exceeding any applicable criteria.

In well MW-5, TCE was detected in the July sample round at 0.57 ug/l, below applicable GWVC.

5.6.1 Southeast Corner of Site

The wells on the southeast corner of the site, MP-13 (deep) and MP-16 indicate a vertically downward flow gradient in this area. TCE was detected in MP-13 at 110 ug/l, 120 ug/l and 110 ug/l in three sample rounds. The shallow well clustered with MP-13 is HA-3MW. Low concentrations of VOCs indicative of fuel oil were detected in HA-3MW below applicable GWVC. Lesser concentrations of specific VOCs detected in MP-13 included 1,1,1-trichloroethane, 1,1-dichloroethane, 1,1-dichloroethene, and cis 1,2-dichloroethene. VOC concentrations detected in well MP-13 are indicative of a regional

Malcolm Pirnie, Inc. believes

a.D.

groundwater condition. There are no non-industrial receptors or exposures associated with these wells. In well MP-16, VOCs were not detected in two sample rounds.

5.7 INTERIOR GROUNDWATER MONITORING FOR VOCS

Sampling of interior groundwater monitoring wells MP-28, MP-30, MP-31, MP-32, MP-33, MP-35, MP-36, and MP-37 for VOCs occurred in April of 2005. The interior groundwater samples in the northeast section of the mill were collected from below a layer of historic LNAPL that is present on the groundwater table. The groundwater samples in wells MP-27 through MP-35 contained VOC constituents consistent with fuel oil at concentrations that did not exceed the industrial GWVC. Chlorinated VOCs were not present in any of these groundwater samples. These results are shown on Table 3.

5.8 DEEPER TRANSMISSIVE ZONES

Chlorinated VOCs were detected in deep well MP-13 at the southeast corner of the site exceeding the new proposed IGWVC. This has been the case in several other deeper wells on the site including MP-11, MW-6, MW-7 and MW-10. Furthermore, wells MW-6, MW-7 and MW-10 are generally located on the up gradient end of the site. GWVC are not applicable to water quality data from deeper horizon monitoring wells such as those at WRM where 60 to 70 feet of saturated overburden overlie the interval sampled.

The widespread detection of chlorinated VOCs in deeper groundwater across the site most likely reflects a regional problem not associated with WRM. The VOCs have been detected at well locations throughout the site, including the up gradient deeper horizon well MW-10. The detected concentrations of VOCs are roughly equivalent at the various locations and do not reveal any increases in concentration on-site that would be indicative of a local source or a plume originating on-site. Concentrations in the deeper horizon wells are greater than the concentrations in the water table wells that demonstrate that no shallow source of VOCs was introduced on-site. Furthermore, in the north end of the site, earlier Appendix IX testing of VOCs in shallow soil did not determine any

shallow soil contamination of VOCs. There has been no documented significant use on-site of the VOCs detected in the deeper horizon wells, and no source of VOCs in soil on-site as defined by detected concentrations in soil exceeding GBPMC. We conclude that there is no basis for attributing the VOCs detected in the deeper horizon to any potential releases from the WRM facility.

The potential pathways are volatilization, discussed above, and discharge to either a receiving surface water body or to shallow groundwater. The most recent VOC concentrations in groundwater at deeper wells MP-11 and MP-13, which were specifically mentioned in the comment, are below the existing RGWVC and slightly above the proposed R/IGWVC for TCE only, even though they are not subject to these criteria based on the well screen depths. Furthermore, there are no downgradient receptors or exposures for the deep groundwater prior to discharge at the Naugatuck River. Thus, the completed exposure pathway to humans (volatilization from groundwater) does not exist.

Conclusions regarding screening for human exposures are deferred to the individual checklists provided in the Human Exposures Assessment.

6.0 Volatile Organic Compound Exposure Assessment

It is recognized that the presence of VOCs at any SWMU, AOC or NCAPS area is a potential concern with regard to human exposure through inhalation. Each of these areas is assessed on Tables 4 and 5 (provided in Appendix B). The tables are further explained in narrative below. It is noted that there are no non-industrial receptors present at the WRM site or in any direction hydraulically downgradient of the site.

6.1 METHODOLOGY

The complete list of SWMU's, AOCs and NCAPS were initially assessed with regard to usage or potential presence of VOCs on Table 4. The tables are designed to be read from left to right, each successive column to the right expanding on the information for a given area that may have been subjected to VOCs over the history of the facility. If VOCs were not present at any particular SWMU, AOC or NCAPS area, the subsequent columns are not completed. If VOCs have a history of usage or presence at any particular SWMU, AOC or NCAPS area, the source of the VOC is classified as either; related to fuel storage, an active process or a waste storage area. Under these classifications, it is also determined if a VOC release to the environment has or may have occurred. The final column on Table 4 refers the reader to Table 5 for additional information or provides a statement that VOCs are not a concern for this item. Table 5 is reserved for SWMUs, AOCs or NCAPS areas for which VOC are present and releases to the environment are unknown, have occurred or may have occurred. Table 5 further specifies if the area is located inside or outside and if it is portable or stationary, in use or not, and whether further investigation is warranted. A determination is made in Table 5 whether VOC residues are present in soil or unknown and if there is a potential for migration of VOCs to indoor ambient air.

6.2 CONCLUSIONS

A total of five (5) SWMUs (#1), AOCs (#3, # 5, # 13b) and NCAPS (# 12) areas were identified where VOCs were or may have been present at some point in the known

history of the facility. AOC # 5 consists of solvent parts washers that were located at four separate areas. These parts washers may not have all been in use at the same time or all present at the same time. The parts washer located in the maintenance area (machine shop) referred to in AOC # 5 has also been identified as NCAPS area # 12 (machine shop). The reference to the machine shop by the NCAPS area review specified the parts washer at that area. Therefore a total of seven (7) areas in the facility with potential for presence of VOCs have been identified. Of these areas, four (4) consist of the parts washer areas, two (2) are former underground storage tanks that contained gasoline and one (1) is a waste storage pad where drums of waste oil were once stored prior to shipment for disposal. The results for all these areas indicate that **human exposures are controlled** as explained on Table 5.

7.0 Groundwater Migration Off-Site

7.1 INTRODUCTION/BACKGROUND

In October 2003, representatives of WRM/OLIN met with CTDEP personnel to discuss CTDEP's concern about a potential breakthrough of LNAPL into Steele Brook from the former LEA Manufacturing property (now referred to as the AREV property) directly south of the WRM property. As a result of the meeting, WRM voluntarily agreed to investigate the limit of a LNAPL plume adjacent to Steele Brook, on the western end of the AREV property, and to implement measures necessary, if any, to preclude such a breakthrough into Steele Brook. In connection with this effort, USEPA expressed a desire to include an additional evaluation regarding risk of human exposure for offsite migration of groundwater from WRM. There are no non-industrial receptors in a hydraulically downgradient direction from the WRM site to the groundwater discharge at the Naugatuck River.

To address this human exposure EI, a data evaluation was performed for monitoring wells on the southern and hydraulically down gradient portion of the WRM site and also the most hydraulically up-gradient wells on the bordering AREV site located to the south of the WRM site. The two sites are located in a GB classified groundwater area and no site groundwater is used for drinking purposes. In accordance with the RSR, the groundwater volatilization criteria are applicable to these two sites and will be evaluated under this EI report. The groundwater flow direction across the WRM site is to the south toward the Naugatuck River, based on the most current mapping from all available wells.

WRM's voluntary investigation of LNAPL on the AREV property has focused on groundwater but WRM understands from Mr. Harold Bobowicz of the CTDEP, apparently the CTDEP reconnoitred a length of stream bank along the eastern side of Steele Brook adjacent to the AREV site and did not observe LNAPL or any other groundwater seeps to Steele Brook or to sediments along the banks of the Brook.

7.2 RESULTS

Results from the WRM wells closest to the southern boundary of the WRM site, located across the front of the property, were evaluated for the presence of VOCs in groundwater. From east to west across the southern part of the WRM property, wells evaluated for the presence of VOCs consisted of MP-16, HA-3MW, MP-17, HA-1MW, MP-18, MP-19, MP-20, HA-2MW, HA-4MW and MP-21. Wells MP-16 and HA-1MW, HA-2MW, HA-3MW and HA-4MW were sampled and analyzed during the Transfer Act related Phase III investigation in July, September and December of 2002 using USEPA Method #8260. Wells HA-3MW, MP-17, HA-4MW, MP-18, MP-19, MP-20 and MP-21 were also sampled for VOCs in April of 2004 by USEPA Method #8260. Wells located south of East Aurora Street that were sampled and analyzed included (from east to west) MW-A (located on Albert Brothers Scrap Yard), MW-11, MW-6, MW-7, MW-8, MW-15, MW-14 (located on the AREV property in yard farther south of East Aurora Street), MW-10, MW-9 and B1-MW (closest to Steele Brook). These wells south of East Aurora Street provide VOC screenings that exemplify a worse case scenario (expected highest VOC concentrations) for groundwater migrating onto the AREV site from the WRM site. The analytical results for all wells discussed are provided in Table 6.

7.2.1 WRM Well Results

The groundwater results associated with the WRM Phase III Investigation at the site in 2002 addressed the potential for human exposures due to offsite migration of VOC in groundwater. Well HA-1MW, located roughly 120 feet down gradient of the closed underground storage tank areas D6/E7, contained VOCs at generally low concentrations indicative of fuel oil constituents. VOCs detected in HA-1MW consisted of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and naphthalene at concentrations below industrial groundwater volatilization criteria (IGWVC). VOCs indicative of fuel oils were also detected in HA-2MW at trace levels below RGWVC. Well HA-3MW, located 50 feet east of well HA-1MW contained trace concentrations of VOCs that included 1,2,4-trimethylbenzene at 54 ug/l, 50 ug/l and 46 ug/l in the three sample rounds in 2002. 1,3,5-trimethylbenzene was detected in HA-3MW at 15 ug/l, 11 ug/l and 13 ug/l, and naphthalene was detected in that well at 39 ug/l, 24 ug/l and 23 ug/l in the three sampling rounds. In well HA-4MW, located 100 feet west of HA-2MW, chloroform was detected

at concentrations of 9.7 ug/l, 18 ug/l and 15 ug/l in the three sample rounds, all of which are below the RGWVC of 26 ug/l. Methylene chloride was also detected at trace levels in this well but the detected levels were far below the RGWVC.

During the sampling performed in April 2004, VOCs associated with fuel oils were detected at concentrations that did not exceed any health based risk criteria. In well HA-3MW, 1,2,4-trimethylbenze was detected at a concentration of 29 ug/l, 1,3,5-trimethlybenzene was detected at a concentration of 9.2 ug/l , naphthalene was detected at a concentration of 39 ug/l (no criterion exists for this semi-volatile organic compound) and total xylene was detected at 8.3 ug/l . In well MP-17, only naphthalene was detected in groundwater at a concentration of 11 ug/l. In well HA-4MW, no VOCs were detected. In well MP-18, naphthalene was detected at a concentration of 22 ug/l. VOCs were not detected in MP-19, MP-20 or MP-21.

7.2.2 Offsite AREV Well Results

In well MW-A, groundwater was sampled by Malcolm Pirnie during two sampling events in February and April of 2004. All VOC concentrations in well MW-A were below applicable volatilization criteria and were indicative of fuel oils. The higher VOC concentrations detected during these two rounds consisted of benzene at 1.9 ug/l, isopropylbenzene at 7.1 ug/l, naphthalene at 6.1 ug/l, sec-butylbenzene at 4.3 ug/l and tert-butylbenzene at 1.2 ug/l. In wells MW-11, VOC concentrations did not exceed IGWVC in either sample round. Trace concentrations of 1,2,4-trimethylbenzene, benzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were detected below all respective IGWVC. In well MW-6, concentrations of 1,2,4-trimethylbenzene, benzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were also detected below all respective IGWVC. In well MW-7, concentrations of 1,2,4-trimethylbenzene, benzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were also detected below all respective IGWVC. In well MW-8, concentrations of 1,2,4-trimethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were also detected below all respective IGWVC. In well MW-15,

concentrations of 1,2,4-trimethylbenzene, isopropylbenzene, naphthalene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene were also detected below all respective IGWVC. In well MW-14, concentrations of 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene were detected at trace concentrations below all respective IGWVC. In well MW-10, trace concentrations of VOCs detected consisted of isopropylbenzene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene. In well MW-9, trace concentrations of VOCs detected consisted of 1,3,5-trimethylbenzene, benzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, sec-butylbenzene, and tert-butylbenzene. All concentrations in MW-9 and MP-10 were far below IGWVC. In monitoring well B1-MW, only naphthalene was detected in two of three sample rounds at trace concentrations of 1.5 ug/l and 1.3 ug/l.

Based on the results of VOC concentrations in groundwater from the WRM and AREV wells adjacent to East Aurora Street discussed above, it is determined that VOCs in groundwater pose no threat of human exposure because the detected concentrations on-site are below the most stringent risk-based health standards for groundwater volatilization. Furthermore, there are no non-industrial receptors that exist in this area from the southern boundary of the WRM property to the groundwater discharge point at the Naugatuck River.

LNAPL is present at thicknesses of less than one foot in some of the wells on the offsite AREV property, but that material will be recovered by a system to be installed in 2005. Furthermore, no non-industrial receptors exist in the area of the observed LNAPL in the area between the south end of the WRM property and the Naugatuck River or Steele Brook. This includes but is not limited to schools, libraries, hospitals, hotels or stores.

8.0 Conclusions

Based on the December 1999 EIE, SWMU # 3, SWMU # 13, and groundwater volatilization remained as potential human exposure concerns. Additional data were collected for these 3 items and an interim remedy was implemented at one. SWMU #13 soil data collected during the supplemental Phase III investigation indicated an exceedence for a direct exposure criterion for copper. As stated previous, this area is fenced and not accessible to workers or pedestrians posing no threat of exposure. Based on the additional data presented in this report and actions undertaken, it is concluded that the WRM site is **stabilized with respect to human exposures.** Each area is discussed briefly.

8.1 SWMU # 3 PCB STORAGE SHED

The PCB storage shed pad and associated soil has recently been characterized for PCB and an interim remedy implemented. The results indicate residual concentrations of PCB exist in soils at this location beneath a concrete floor that precludes human exposures. The 4 inch thick concrete floor was re-poured in November 26th, 2001 over the affected soil within the covered raised storage area and is protective of human exposure. It is concluded that SWMU # 3 **is controlled for human exposures.**

8.2 SWMU # 13 HISTORIC LANDFILL

The delineation of SWMU # 13 as a discrete feature appears to be based on its topographical expression, rather than any uniquely distinctive textural or chemical composition. The North End Landfill appears to have been initially identified because of its hummocky terrain, ungraded fill piles, scrub vegetation and exposed debris at the surface. By comparison, the site area immediately to the south has been uniformly graded, is free of visible debris and supports a maintained lawn. It is our understanding that this distinction was created in association with site improvements during closure of the surface impoundment (SWMU # 8) immediately to the south. A review of the boring and test pit logs, field observations, and the substantial analytical data results for samples

obtained both within and outside of SWMU # 13, indicates that the subsurface materials are similar and cannot be discriminated based upon chemical constituent or physical composition. SWMU # 13 appears to be a relict of more widespread historic industrial filling throughout the north end of the site and unique only in its surficial appearance. In summary, substantial analytical data have been developed by H&A and MPI, characterizing the shallow soils throughout the northern end of the site and including SWMU # 13. These investigations have included drilling a total of fifteen (15) soil borings, excavating four test pits, and analyses for indicator constituents in a larger number of samples and analyses of Appendix IX constituents in a subset of samples. One sample from SWMU #13 exceeded the IDEC for copper during the supplemental phase III investigation in April of 2005 (Appendix F), but did not exceed the pollutant mobility criteria. This area therefore will require remedy for shallow soil. None of the data obtained report concentrations for any constituent analyzed above the IDEC or above the GBPMC. These data support a determination that **SWMU # 13 does not represent a concern with respect to human exposure.**

8.3 GROUNDWATER VOLATILIZATION

Groundwater has been characterized site wide in conjunction with ongoing monitoring of the closed RCRA impoundment and in accordance with the Phase III ESA and supplemental investigation. The site wide VOC results do not exceed the RGWVC for wells having a water table within 15 feet from the ground surface. There is a regional condition in deep groundwater that has also affected the WRM site. Trichloroethene (TCE) has been detected in deep groundwater wells at concentrations that exceed industrial GWVC (IGWVC). The shallow clustered wells at the same locations as these deep wells, did not exceed any applicable volatilization criteria. Furthermore, there are no releases from WRM that exceed the volatilization criteria in non-industrial settings, as discussed in Section ~~8.2~~ 7.2 above, because there are no non-industrial receptors downgradient of the WRM site. a.D.

During the Phase III ESA, several new shallow wells were installed site wide and two additional deep wells were installed and sampled. The wells were located in proximity to

the SWMUs and AOCs where other releases had occurred. The wells were also installed to fill data gaps so that groundwater for the entire site could be characterized for constituents of concern, including VOCs. No VOCs were detected above applicable volatilization criteria in shallow groundwater anywhere on the WRM site.

The current analytical results for VOCs in groundwater support the conclusion that **human exposures from ground water volatilization are controlled.**

MPI has also evaluated the potential for offsite migration of groundwater and risk of human exposure for VOCs in groundwater. Several wells were sampled on the hydraulically down gradient border of the WRM site and on the adjacent AREV site. Trace concentrations of fuel oil constituents were detected in several of these wells at low concentrations that pose no health risk. Furthermore there are no buildings or non industrial receptors present in the areas where these wells were installed and where the observations of LNAPL on the groundwater table were made.

8.4 VOLATILE ORGANIC COMPOUND EXPOSURE ASSESSMENT

In order to address the question of human exposures due to volatilization from on-site sources, WRM has performed an assessment at all SWMUs, AOCs and NCAPS areas for the presence or use of VOC containing materials. This assessment has identified seven areas that previously used VOC containing materials. Based on the latest and recent review of these areas and investigations on-site since the last submission of the CA-725 EI, **no areas were identified that indicated human exposures to VOCs.**

RCRA Corrective Action Environmental Indicator Evaluation (EI) RCRIS Code (CA-725) for Human Exposures Under Control

Prepared For:
Waterbury Rolling Mills, Inc.
Waterbury, Connecticut

DATE: **July 2005**
Revised September 2005
Project: **0284-314**

MALCOLM PIRNIE

ENVIRONMENTAL ENGINEERS, SCIENTISTS & PLANNERS

RCRIS Code (CA-725)

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RCRA Corrective Action
Environmental Indicator (EI)
RCRIS Code (CA-725)

Current Human Exposures Under Control

CHECKLISTS

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA725)

Current Human Exposures Under Control

Facility Name: Waterbury Rolling Mills, Inc.
Facility Address: 240 East Aurora Street
Facility EPA ID #: Waterbury, Connecticut 06708

1. Has all available relevant/significant information on known and reasonably suspected releases to soil, groundwater, surface water/sediments, and air, 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 El for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Current Human Exposures Under Control" EI

A positive "Current Human Exposures Under Control" EI determination ("YE" status code) indicates that there are no "unacceptable" human exposures to "contamination" (i.e., contaminants in concentrations in excess of appropriate risk-based levels) that can be reasonably expected under current land- and groundwater-use conditions (for all "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 "Current Human Exposures Under Control" EI are for reasonably expected human exposures under current land- and groundwater-use conditions ONLY, and do not consider potential future land- or groundwater-use conditions or ecological receptors. The RCRA Corrective Action program's overall mission to protect human health and the environment requires that Final remedies address these issues (i.e., potential future human exposure scenarios, future land and groundwater uses, and ecological receptors).

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).

Site-Wide
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Site-Wide

2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Chloride, Chromium, Copper, Iron, Lead, Manganese, Nickel, Sodium, Sulfate, Zinc, 1,1,1 Trichloroethane, 1,1 Dichloroethane, cis 1,3 Dichloropropene, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Acetone, Benzene, Bromoform, 2-Butanone, Chloroform, Dibromochloromethane, cis 1,2 Dichloroethene, Ethylbenzene, Isopropylbenzene, Isopropyltoluene, Xylene, MTBE, Naphthalene, Butylbenzene, Isopropyltoluene, PCE, TCE, Toluene, Vinyl Chloride, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			PCBs, TPH, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Zinc, TCE, Toluene, Sulfuric Acid, and Hydrogen Peroxide
Surface Water	X			Sulfuric Acid, Hydrogen Peroxide, Chromium, Copper, Lead, Nickel, and Zinc
Sediment			X	
Subsurf. Soil (e.g., >2 ft)	X			Butanone, Butylbenzene, Ethylbenzene, Isopropylbenzene, Isopropyltoluene, 4-Methyl-2-Pentanone, Naphthalene, Trimethylbenzene, Toluene, Xylene, TCE, TPH, Copper, Lead, Nickel, and Zinc
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s): Details of each release area referenced below are provided in the specific release summary forms.

Former Outside Drum Storage Area (SWMU #1): Releases to groundwater, surface soil, and subsurface soil.

Baghouse Storage Area (SWMU #2): Releases to groundwater, surface soil, and subsurface soil.

PCB Storage Shed (SWMU #3): Releases to groundwater and surface soil.

Former Surface Impoundment Area (SWMU #8 & NCAPS #1): Releases to groundwater and subsurface soil.

Historic Landfill Area (SWMU #13): Releases to groundwater, surface soil, and subsurface soil.

Former Tanks by Accounting Office Area (AOC #3): Releases to groundwater, surface soil, and subsurface soil.

Former Tanks Near Maintenance Area (AOC #4): Releases to groundwater, and subsurface soil.

Former Tanks Near Railroad Tracks (AOC #11): Releases to groundwater, surface soil, and subsurface soil.

Fuel Oil UST (AOC #13a): Releases to groundwater and subsurface soil.

Former 4,000 gallon Diesel/Gasoline Tank (AOC #13b): Releases to groundwater and subsurface soil.

Pickling Lines (NCAP #4): Releases to surface soil and surface water.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Site-Wide

3. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	NO	NO	NO	NO	NO	NO	NO
Sediment	NO	NO	NO	NO	NO	NO	NO
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--		--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Site-Wide

6. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) Aaron R Gilbert Date September 15, 2005
(print) Aaron R. Gilbert, P.E.
(title) RCRA Facility Manager

Supervisor (signature) Matthew R. Hoagland Date 9/26/05
(print) Matthew R. Hoagland
(title) Section Chief
(EPA Region or State) Reg. 1

Locations where References may be found:
•Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457
•US EPA Region I, New England
RCRA Records Center
1 Congress St.
Boston, MA 02114-2023
phone (617) 918-1420

Contact telephone and e-mail numbers
(name) Brian P. McCarthy, LEP, Malcom Pirnie, Inc.
(phone #) (860) 635-3400
(e-mail) BMcCarthy@PIRNIE.com

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former Outside Drum Storage Area
SWMU #1
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Outside Drum Storage Area (SWMU #1)

2A. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**"' above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Lead, Nickel, Zinc, TCE, cis 1,3 Dichloropropene, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			TPH, Copper, Lead, Nickel, and Zinc.
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			TPH, Copper, Lead, Nickel, and Zinc.
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-9, MP-10, and MP-11 (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.012 mg/l; Cadmium (total) concentrations up to 0.014 mg/l; Copper (diss.) concentrations up to 0.39 mg/l; Copper (total) concentrations up to 0.51 mg/l; Zinc (diss.) concentrations up to 0.58 mg/l; Zinc (total) concentrations up to 0.57 mg/l and TCE concentrations up to 38 ug/l. Additionally, the following contaminants were detected in one of the three rounds of groundwater sampling: Total low-level Lead (0.58 mg/l); cis 1,3 Dichloropropene (3.5 ug/l); and TPH (0.49 mg/l).

Surface Soil - Thirteen cubic yards of stained soils were removed in 1994 (1999 GZA EI Report, pg 5). Post excavation sampled gathered at the time, indicated some of the remaining soils were in exceedances of CTDEP RDEC (916 mg/kg vs. 500 mg/kg) for TPH, but not CTDEP IDEC (2500 mg/kg). These soils were removed on the western edge of the SWMU. Following this excavation, the area was paved. Additional soil sampled were collected from the east, north, and southern sides of the SWMU at depths of 0'-2' below grade (2003 MPI ESA Phase III, pg 2-3). TPH concentrations in soil samples were found to be up to 1,600 mg/kg (2003 MPI ESA Phase III). Copper concentrations were found up to 1200 mg/kg (2003 MPI ESA Phase III). Lead concentrations were found up to 37 mg/kg (2003 ESA Phase III, Table 2). Nickel concentrations were found up to 72 mg/kg (2003 MPI ESA Phase III). Zinc concentrations were found up to 1400 mg/kg (2003 MPI ESA Phase III). There are no potential human exposures from this media because the entire area has been paved, thus rendering the underlying soil inaccessible.

Subsurface Soil –TPH concentrations in soil samples were found to be up to 4,900 mg/kg (2003 MPI ESA Phase III). Copper concentrations were found up to 1,500 mg/kg (2003 MPI ESA Phase III). Lead concentrations were found up to 37 mg/kg (2003 ESA Phase III, Table 2). Nickel concentrations were found up to 41 mg/kg (2003 MPI ESA Phase III, Table 2). Zinc concentrations were found up to 250 mg/kg (2003 MPI ESA Phase III). There are no potential human exposures from this media because the entire area has been paved, thus rendering the underlying soil inaccessible.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Outside Drum Storage Area (SWMU #1)

3A. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **Human Receptors** (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Rationale: GW a.d.

There are no potential human exposures from ~~this media~~ because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Outside Drum Storage Area (SWMU #1)

6A. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by _____ (signature) Date _____
_____ (print)
_____ (title)

Supervisor _____ (signature) Date _____
_____ (print)
_____ (title)
_____ (EPA Region or State)

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Baghouse Storage Area
SWMU #2
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Baghouse Storage Area (SWMU #2)

2B. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**"[1] above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Nickel, Zinc, TCE 1,1,1 Trichloroethane, 1,1 Dichloroethane, Bromoform, Dibromochloromethane, Naphthalene, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			Cadmium and Lead
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			Copper, Lead, Nickel, and Zinc.
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-7 and MP-8 (2003 MPI ESA Phase III) with the following results: Cadmium (total) concentrations up to 0.0070 mg/l; Copper (diss.) concentrations up to 0.054 mg/l; Copper (total) concentrations up to 0.11 mg/l; Nickel (diss.) concentrations up to 0.20 mg/l; Nickel (total) concentrations up to 0.19 mg/l; Zinc (diss.) concentrations up to 0.58 mg/l; Zinc (total) concentrations up to 0.57 mg/l; 1,1,1 Trichloroethane concentrations up to 8.5 ug/l; 1,1 Dichloroethane concentrations up to 1.3 ug/l and TCE concentrations up to 38 ug/l.. Additionally, the following contaminants were detected in one or two of the three rounds of groundwater sampling: Cadmium (diss.) concentrations up to 0.0072 mg/l; Naphthalene concentrations up to 0.94 ug/l; Bromoform (1.7 ug/l); Dibromochloromethane (0.57 ug/l); TCE (0.51 ug/l) and TPH (0.13 mg/l). There are no potential human exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Surface Soil – In 1994 a soil removal was performed from this area (1999 GZA EI Report, pg 6). At this time soil was removed to a depth of 2.5 feet in order to meet the TCLP remedial criteria for cadmium and lead. Following the soil removals, the entire area was paved. There are no potential human exposures from this media because the entire area has been paved, and because the surface soil has been replaced by clean backfill.

Subsurface Soil –Copper concentrations were found up to 7,200 mg/kg (2003 MPI ESA Phase III). Lead concentrations were found up to 290 mg/kg (2003 MPI ESA Phase III). Nickel concentrations were found up to 470 mg/kg (2003 MPI ESA Phase III). Zinc concentrations were found up to 4,300 mg/kg (2003 MPI ESA Phase III). There are no potential human exposures from this media because the entire area has been paved, thus rendering the underlying soil inaccessible.

Footnotes:

[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 appropriately

protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Baghouse Storage Area (SWMU #2)

3B. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **Human Receptors** (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

____ If yes (pathways are complete for any "Contaminated" Media - Human Receptor combination) continue after providing supporting explanation.

____ If unknown (for any "Contaminated" Media - Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Baghouse Storage Area (SWMU #2)

6B. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by _____ (signature) Date _____
_____ (print)
_____ (title)

Supervisor _____ (signature) Date _____
_____ (print)
_____ (title)
_____ (EPA Region or State)

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

PCB Storage Shed
SWMU #3
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

PCB Storage Shed (SWMU #3)

2C. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Nickel, Zinc, 1,1,1 Trichloroethane, 1,1 Dichloroethane, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Benzene, Ethylbenzene, Isopropylbenzene, Xylene, Naphthalene, Butylbenzene, Isopropyltoluene, Toluene, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			PCBs and Copper
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)				
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-14 and MP-15 (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.01 mg/l; Cadmium (total) concentrations up to 0.01 mg/l; Copper (diss.) concentrations up to 0.054 mg/l; Copper (total) concentrations up to 0.11 mg/l; Nickel (diss.) concentrations up to 0.075 mg/l; Nickel (total) concentrations up to 0.053 mg/l; Zinc (diss.) concentrations up to 0.21 mg/l; Zinc (total) concentrations up to 0.31 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: 1,1,1 Trichloroethane concentrations up to 9.7 ug/l; 1,1 Dichloroethane concentrations up to 2.4 ug/l; 1,2,4 Trimethylbenzene concentrations up to 240 ug/l; 1,3,5 Trimethylbenzene concentrations up to 68 ug/l; Benzene concentrations up to 1.1 ug/l; Ethyl Benzene concentrations up to 71 ug/l; Isopropylbenzene concentrations up to 15 mg/l; m/p Xylene concentrations up to 180 ug/l; Naphthalene concentrations up to 390 ug/l; n-Butylbenzene concentrations up to 8.3 ug/l; n-Propylbenzene concentrations up to 24 ug/l; o-Xylene concentrations up to 13 ug/l; p-Isopropyltoluene concentrations up to 3.8 ug/l; sec-Butylbenzene concentrations up to 5.3 ug/l; tert-Butylbenzene concentrations up to 1.5 ug/l; and Toluene concentrations up to 2.4 ug/l. Finally, TPH was detected in all three rounds, with concentrations up to 33 mg/l. There are no potential human exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Surface Soil – Soil located directly beneath the concrete pad were found to have a PCB concentration of 0.093 mg/kg (2003 MPI CA-725 Revised Report, Attached). Additionally, one composite soil sample indicated PCB and Copper concentrations of 81 mg/kg and 4,600 mg/kg, respectively (2003 MPI CA-725 Revised Report, Attached). Concrete chip samples were collected and the concrete was found to have PCB concentrations up to 32.4 mg/kg (2003 MPI CA-725 Revised Report, Attached). Following characterization activities, the concrete floor was replaced with a new floor. The new floor is inherently free of PCB residues and renders the underlying soil isolated, thus, there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

PCB Storage Shed (SWMU #3)

3C. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	--	--	--	--	--	--	--
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

PCB Storage Shed (SWMU #3)

6C. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by _____ (signature) Date _____
_____ (print)
_____ (title)

Supervisor _____ (signature) Date _____
_____ (print)
_____ (title)
_____ (EPA Region or State)

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former Surface Impoundment Area
SWMU #8 & NCAPS #1
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Surface Impoundment Area (SWMU #8 & NCAPS #1)

2D. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**"[1] above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Chromium, Cadmium, Nickel, PCE, TCE, Chloroform, 1,2-Dichloroethene, Vinyl Chloride, Copper, Zinc, Chloride, Sulfate, Sodium, Iron, and Manganese.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)				
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			Copper, Lead, Nickel, and Zinc.
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater – WRM is currently performing annual RCRA groundwater monitoring. Excluding sodium, iron, and manganese, twenty-two water quality standard exceedances were found as part of the 2001 RCRA Monitoring Program Annual Summary Report. The 2001 RCRA Monitoring Program Annual Summary Report found the following contaminants exceeded their respective water quality standards: Chromium (concentrations up to 4,600 ug/l), Cadmium (35 ug/l), Nickel (concentrations up to 190 ug/l), PCE (6.8 ug/l), and TCE (concentrations up to 24 ug/l) (2001 RCRA Monitoring Program Annual Summary Report). Additionally, the following contaminants were either below maximum possible limits or groundwater standards did not exist at the time of analysis: Chloroform, 1,2-Dichloroethene, Vinyl Chloride, Copper, Zinc, Chloride, Sulfate, Sodium, Iron, and Manganese (2001 RCRA Monitoring Program Annual Summary Report). There are no potential exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Subsurface Soil – WRM submitted a Post-Closure Part B Permit Application on December 12, 1991. As part of his application, 71 soil borings were completed around the lagoon, and soil samples were collected up to 12 feet below the ground surface. The data indicated that some soil exceedances of the groundwater ingestion standard using a TCLP analysis for Copper, Lead, Nickel, and Zinc (1991 Part B Application, pg 60). As part of the closure, sludge and contaminated soil were removed and a cap was installed (1999 GZA EI Report, pg 9). Because an impermeable cap has been installed the underlying soils have been rendered inaccessible and thus there are no potential exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Surface Impoundment Area (SWMU #8 & NCAPS #1)

3D. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **Human Receptors** (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	--	--	--	--	--	--	--
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

_X_ If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

____ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

____ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Surface Impoundment Area (SWMU #8 & NCAPS #1)

6D. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by _____ (signature) Date _____
_____ (print)
_____ (title)

Supervisor _____ (signature) Date _____
_____ (print)
_____ (title)
_____ (EPA Region or State)

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Historic Landfill Area
SWMU #13
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Historic Landfill Area (SWMU #13)

2E Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Lead, Nickel, Zinc, cis-1,2 Dichloroethene, TCE, TPH, and Vinyl Chloride
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			Copper, TCE, TPH, and Toluene.
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			Copper, Naphthalene, TCE, and TPH.
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MW-1, MW-4, MW-5, and MP-4 (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.018 mg/l; Cadmium (total) concentrations up to 0.017 mg/l; Copper (diss.) concentrations up to 0.74 mg/l; Copper (total) concentrations up to 0.84 mg/l; Nickel (diss.) concentrations up to 0.42 mg/l; Nickel (total) concentrations up to 0.37 mg/l; Zinc (diss.) concentrations up to 2.2 mg/l; Zinc (total) concentrations up to 2.0 mg/l; cis-1,2 Dichloroethene concentrations up to 3.0 ug/l; TCE concentrations up to 24 ug/l; and TPH concentrations up to 2.2 mg/l. Additionally, the following contaminants were detected in one or two of the three rounds of groundwater sampling: Lead (diss., low-level) (0.005 mg/l); Lead (total, low level) (0.0094 mg/l); and Vinyl Chloride concentrations up to 3.3 ug/L. There are no potential human exposures from this media because while there has been one contaminant (Vinyl Chloride) with exceedances of the CTDEP GWVC (Residential), there have been no exceedances of the Industrial GWVC, there have been no exceedances in down gradient wells, in addition to the fact that this area is approximately 300' from the nearest building.

Surface Soil - All sampling data for this media is discussed in the 2005 MPI CA-725 Revised Report. In one sample copper was found at a concentration of 193,000 mg/kg, which exceeds the CTDEP IDEC for copper of 76,000 mg/kg. TCE concentrations were found up to 36 ug/kg. TPH concentrations were found up to 930 mg/kg (2001 MPI CA 725, Table 1). The toluene concentration in one sample was 29 ug/kg (2001 MPI CA 725, Table 1). Investigations of this area show that no sample data indicate exceedances of CTDEP GBPMC, or any Appendix IX parameters.

Subsurface Soil – Malcolm Pirnie collected nine samples during August 2001. All sampling data for this media is discussed in the 2005 MPI CA-725 Revised Report. Copper concentrations were found up to 4,550 mg/kg. Naphthalene concentrations were found in one sample to be 39,000 ug/kg. TCE concentrations were found up to 43 ug/kg. TPH concentrations were found up to 870 mg/kg. Investigations of this area show that no sample data indicate exceedances of CTDEP IDEC or CTDEP GBPMC, or any Appendix IX parameters. Consequently, there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Environmental Indicator (EI) RCRIS code (CA725)

Historic Landfill Area (SWMU #13)

3E Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential Human Receptors (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Access to the area where copper was found in soil at concentrations exceeding IDEC has been controlled with placement of temporary fencing and warning signs. The approximate location of this control measure is shown on Figure 5.

Environmental Indicator (EI) RCRIS code (CA725)

Historic Landfill Area (SWMU #13)

6E Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by _____ (signature) Date _____

_____ (print)

_____ (title)

Supervisor _____ (signature) Date _____

_____ (print)

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_____ (EPA Region or State)

Locations where References may be found:

Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____

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FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former Tanks by Accounting Office Area
AOC #3
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks by Accounting Office Area (AOC #3)

2F. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Nickel, Zinc, TCE 1,1,1 Trichloroethane, 1,1 Dichloroethane, Bromoform, Dibromochloromethane, Naphthalene, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			Beryllium, Cadmium, Chromium, Copper, Lead, and Zinc
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			TPH, Ethylbenzene, Toluene, Xylene, and Lead.
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells HA-2MW and HA-4MW (2003 MPI ESA Phase III) with the following results: Copper (diss.) concentrations up to 0.22 mg/l; Copper (total) concentrations up to 0.22 mg/l; Nickel (diss.) concentrations up to 0.048 mg/l; Nickel (total) concentrations up to 0.048 mg/l; Zinc (diss.) concentrations up to 0.36 mg/l; Zinc (total) concentrations up to 0.36 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: Chloroform concentrations up to 18 ug/l; Isopropylbenzene concentrations up to 5.0 ug/l; Ethylene Chloride concentrations up to 1.8 ug/l; Naphthalene concentrations up to 4.5 ug/l; n-Propylbenzene concentrations up to 2.4 ug/l; sec-Butylbenzene concentrations up 3.7 ug/l; tert-Butylbenzene concentrations up to 1.3 ug/l; and TPH concentrations up to 5.0 ug/l. Finally, the following contaminants were detected in one or two of the three rounds of groundwater sampling: Cadmium (total) (0.0072 mg/l; 1,2,4 Trimethylbenzene concentrations up to 0.79 ug/l; 1,3,5 Trimethylbenzene concentrations up to 1.1 ug/l; and n-Butylbenzene concentrations up to 0.85 ug/l. There are no potential human exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Surface Soil – In December 1999 two borings were drilled in the area of two USTs shown on the 1934 insurance map (1999 GZA EI Report, pg 13) as part of a Phase II Environmental Site Assessment (2000 MPI ESA Phase II). One sample from 0-2 feet below ground surface was analyzed for total RCRA metals. While Beryllium, Cadmium, Chromium, Copper, Lead, and Zinc were detected, no concentrations were detected above RDEC. There are no potential human exposures from this media because the contaminated soil is located under pavement and therefore isolated from any human exposure.

Subsurface Soil – TPH, Ethylbenzene, Toluene, Xylene, and Lead have been detected in samples at depths greater than 4' below grade (2000 MPI ESA Phase II). Because any contamination is located at depths greater than 4' below grade, the contamination is rendered inaccessible, and thus there are no potential human exposures for this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks by Accounting Office Area (AOC #3)

3F. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential **Human Receptors** (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	---	---	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks by Accounting Office Area (AOC #3)

6F. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____
(print) _____
(title) _____

Supervisor (signature) _____ Date _____
(print) _____
(title) _____
(EPA Region or State) _____

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
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FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former Tanks Near Maintenance Area
AOC #4
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Maintenance Area (AOC #4)

2G. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Nickel, Zinc, 1,1,1 Trichloroethane, 1,1 Dichloroethane, Dichloroethene, Chloroform, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Acetone, Benzene, 2-Butanone, Ethylbenzene, Isopropylbenzene, Xylene, MTBE, Naphthalene, Butylbenzene, Isopropyltoluene, PCE, TCE, Toluene, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)				
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			TPH
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-1, HA-1MW, and HA-3MW (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.036 mg/l; Cadmium (total) concentrations up to 0.033 mg/l; Copper (diss.) concentrations up to 2.2 mg/l; Copper (total) concentrations up to 2.4 mg/l; Zinc (diss.) concentrations up to 8.1 mg/l; Zinc (total) concentrations up to 7.4 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: 1,1 Dichloroethane concentrations up to 3.0 ug/l; cis-1,2 Dichloroethene concentrations up to 23 ug/l; 1,2,4 Trimethylbenzene concentrations up to 54 ug/l; 1,3,5 Trimethylbenzene concentrations up to 15 ug/l; Acetone concentrations up to 30 ug/l; Benzene concentrations up to 4.1 ug/l; Ethylbenzene concentrations up to 11 ug/l; Isopropylbenzene concentrations up to 11 mg/l; m/p Xylene concentrations up to 17 ug/l; MTBE concentrations up to 2.2 ug/l; Naphthalene concentrations up to 110 ug/l; n-Butylbenzene concentrations up to 2.7 ug/l; n-Propylbenzene concentrations up to 11 ug/l; o-Xylene concentrations up to 7.6 ug/l; p-Isopropyltoluene concentrations up to 3.9 ug/l; sec-Butylbenzene concentrations up to 5.4 ug/l; tert-Butylbenzene concentrations up to 1.6 ug/l; In the deep well MP-13, near HA3-MW, TCE concentrations of up to 120 ug/l were detected; and TPH concentrations as detected in all three rounds, with concentrations up to 28 mg/l. Finally, the following contaminants were detected in one or two of the three rounds of groundwater sampling: 2-Butanone concentrations up to 7.4 ug/l; PCE concentrations up to 2.7 ug/l; and 1,1 Dichloroethene was detected at 0.55 ug/l.

Subsurface Soil – TPH was found to be in concentrations as high as 13,827 mg/kg (2000 MPI ESA Phase II). Since the TPH was found to be at a depth greater than 4' below grade, it can be rendered inaccessible and therefore there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Maintenance Area (AOC #4)

3G. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential Human Receptors (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	--	--	--	--	--	--	--
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

While TCE was found at concentrations exceeding the CTDEP IGWVC (Industrial of 67 ug/l), it was found only at a deep well (MP-13) screened from 88' to 98' below grade. The concentration is believed to be attributed to a regional groundwater condition. Since these were the only TCE exceedances of the CTDEP IGWVC, and the groundwater is not a drinking water supply, there are no potential human exposures from this compound. There is no likelihood of off-site non-industrial exposures of TCE concentrations because there are no residences, schools, libraries, hospitals, hotels or stores hydraulically downgradient of the deep wells prior to the groundwater discharge to the Naugatuck River which is present approximately 1500 feet to the south. There is only one building between well MP-13 and the Naugatuck River at 237 East Aurora Street. It must be noted that there appear to be no complete pathways of exposure of the TCE to overlying structures as all shallow wells near well MP-13 have no detections of TCE.

Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Maintenance Area (AOC #4)

6G. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____

(print) _____

(title) _____

Supervisor (signature) _____ Date _____

(print) _____

(title) _____

(EPA Region or State) _____

Locations where References may be found:

Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____

(phone #) _____

(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former Tanks Near Railroad Tracks
AOC #11
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Railroad Tracks (AOC #11)

2H. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Zinc, 1,1 Trichloroethane, 1,1 Dichloroethane, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Acetone, Benzene, Chloroform, Ethylbenzene, Isopropylbenzene, Xylene, Naphthalene, Butylbenzene, Isopropyltoluene, Toluene, TCE, and TPH.
Air (indoors)[2]				
Surface Soil (e.g., <2 ft)	X			TPH
Surface Water				
Sediment				
Subsurf. Soil (e.g., >2 ft)	X			TPH and Xylene
Air (outdoors)				

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-3, MW-3, MP-6, and MP-14 (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.038 mg/l; Cadmium (total) concentrations up to 0.034 mg/l; Copper (total) concentrations up to 0.065 mg/l; Zinc (diss.) concentrations up to 0.18 mg/l; Zinc (total) concentrations up to 0.18 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: 1,1 Dichloroethane concentrations up to 2.3 ug/l; 1,2,4 Trimethylbenzene concentrations up to 240 ug/l; 1,3,5 Trimethylbenzene concentrations up to 68 ug/l; Benzene concentrations up to 0.87 ug/l; Ethylbenzene concentrations up to 71 ug/l; Isopropylbenzene concentrations up to 15 mg/l; m/p Xylene concentrations up to 180 ug/l; Naphthalene concentrations up to 390 ug/l; n-Butylbenzene concentrations up to 8.3 ug/l; n-Propylbenzene concentrations up to 24 ug/l; o-Xylene concentrations up to 13 ug/l; p-Isopropyltoluene concentrations up to 3.8 ug/l; sec-Butylbenzene concentrations up to 5.3 ug/l; tert-Butylbenzene concentrations up to 1.5 ug/l; Toluene concentrations up to 2.4 ug/l; TCE concentrations up to 3.7 ug/l.; and TPH concentrations as detected in all three rounds, with concentrations up to 160 mg/l. Finally, the following contaminants were found in one or two of the three rounds of groundwater sampling: Copper (diss) concentrations up to 0.031 mg/l; 1,1 Trichloroethane concentrations up to 0.79 ug/l; chloroform (0.64 ug/l); and Acetone (26 ug/l). Well MP-40 was installed approximately 50 feet south of the former tank area and sampled in April 2005. All VOCs detected were at concentrations below applicable volatilization criteria. There are no potential human exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Surface Soil – TPH was found to be in concentrations as high as 5,742 mg/kg (2000 MPI ESA Phase II). There are no potential exposures from this media because the contaminated soil is located under pavement and therefore isolated from any human exposure.

Subsurface Soil – TPH was found to be in concentrations as high as 47,450 mg/kg (2000 MPI ESA Phase II) in

boring B-06A (9-11'). Groundwater near this boring was measured at 11.8 feet at this time and is higher in elevation in the spring months. The elevated TPH is associated with the smear zone created by the groundwater table fluctuation. Xylene was found in one sample with a concentration of 19 mg/kg. There are no potential exposures from this media because the TPH is believed to be associated with the "smear zone" from LNAPL on the groundwater. Because the TPH was found at and below the seasonal high groundwater level, PMC does not apply. Additionally, groundwater is not used as a source of drinking water. Since the TPH was found to be at a depth greater than 4' below grade, it can be rendered inaccessible and therefore there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

AOC # 11

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Railroad Tracks (AOC #11)

3H. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media - Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media - Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former Tanks Near Railroad Tracks (AOC #11)

6H. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____
(print) _____
(title) _____

Supervisor (signature) _____ Date _____
(print) _____
(title) _____
(EPA Region or State) _____

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Fuel Oil UST
AOC #13a
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Fuel Oil UST (AOC 13a)

2I. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Nickel, Zinc,1,1,1 Trichloroethane, 1,1 Dichloroethane, Dichloroethene, Chloroform, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Acetone, Benzene, 2-Butanone, Ethylbenzene, Isopropylbenzene, Xylene, MTBE, Naphthalene, Butylbenzene, Isopropyltoluene, PCE, TCE, Toluene, and TPH.
Air (indoors)[2]	___	___	___	
Surface Soil (e.g., <2 ft)	___	___	___	
Surface Water	___	___	___	
Sediment	___	___	___	
Subsurf. Soil (e.g., >2 ft)	X	___	___	TPH
Air (outdoors)	___	___	___	

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-1, HA-1MW, and HA-3MW (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.036 mg/l; Cadmium (total) concentrations up to 0.033 mg/l; Copper (diss.) concentrations up to 2.2 mg/l; Copper (total) concentrations up to 2.4 mg/l; Zinc (diss.) concentrations up to 8.1 mg/l; Zinc (total) concentrations up to 7.4 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: 1,1 Dichloroethane concentrations up to 3.0 ug/l; cis-1,2 Dichloroethene concentrations up to 23 ug/l; 1,2,4 Trimethylbenzene concentrations up to 54 ug/l; 1,3,5 Trimethylbenzene concentrations up to 15 ug/l; Acetone concentrations up to 30 ug/l; Benzene concentrations up to 4.1 ug/l; Ethylbenzene concentrations up to 11 ug/l; Isopropylbenzene concentrations up to 11 mg/l; m/p Xylene concentrations up to 17 ug/l; MTBE concentrations up to 2.2 ug/l; Naphthalene concentrations up to 110 ug/l; n-Butylbenzene concentrations up to 2.7 ug/l; n-Propylbenzene concentrations up to 11 ug/l; o-Xylene concentrations up to 7.6 ug/l; p-Isopropyltoluene concentrations up to 3.9 ug/l; sec-Butylbenzene concentrations up to 5.4 ug/l; tert-Butylbenzene concentrations up to 1.6 ug/l; TCE concentrations up to 120 ug/l; and TPH concentrations as detected in all three rounds, with concentrations up to 28 mg/l. Finally, the following contaminants were detected in one ore two of the three rounds of groundwater sampling: 2-Butanone concentrations up to 7.4 ug/l; PCE concentrations up to 2.7 u/l; and 1,1 Dichloroethene was detected at 0.55 ug/l.

Subsurface Soil – TPH was found to be in concentrations as high as 10,000 (2003 MPI ESA Phase III). Since the TPH was found to be at a depth greater than 4' below grade, it can be rendered inaccessible and therefore there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Fuel Oil UST (AOC 13a)

31. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	--	--	--	--	--	--	--
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

____ If yes (pathways are complete for any "Contaminated" Media - Human Receptor combination) continue after providing supporting explanation.

____ If unknown (for any "Contaminated" Media - Human Receptor combination) skip to #6 and enter "IN" status code.

While TCE was found at concentrations in exceedance of the CTDEP GWVC (Industrial), it was found only at a deep well, and is believed to be attributed to a regional groundwater condition. Since this was the only exceedances of the CTDEP GWVC, and the groundwater is not a drinking water supply, there are no potential human exposures from this media. There is no likelihood of off-site non-industrial exposures of TCE concentrations because there are no residences, schools, libraries, hospitals, hotels or stores hydraulically downgradient of the deep wells prior to the presumed groundwater discharge to the Naugatuck River which is present to the south. There is only one building,

located at 237 East Aurora Street, between well MP-13 and the Naugatuck River. It must be noted that there appear to be no complete pathways of exposure of the TCE to overlying structures as all shallow wells near well MP-13 and AOC #13a have no detections of TCE. Furthermore, the indoor air monitoring program performed at WRM complied with OSHA standards.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Fuel Oil UST (AOC 13a)

6I. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____
(print) _____
(title) _____

Supervisor (signature) _____ Date _____
(print) _____
(title) _____
(EPA Region or State) _____

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Former 4,000 Gallon Diesel/Gasoline Tank
AOC #13b
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former 4,000 gallon Diesel/Gasoline Tank (AOC #13b)

2J. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	X			Cadmium, Copper, Zinc, 1,1 Trichloroethane, 1,1 Dichloroethane, 1,2,4 Trimethylbenzene, 1,3,5 Trimethylbenzene, Acetone, Benzene, Chloroform, Ethylbenzene, Isopropylbenzene, Xylene, Naphthalene, Butylbenzene, Isopropyltoluene, Toluene, TCE, and TPH.
Air (indoors)[2]	___	___	___	
Surface Soil (e.g., <2 ft)	___	___	___	
Surface Water	___	___	___	
Sediment	___	___	___	
Subsurf. Soil (e.g., >2 ft)	X			Lead, Trimethylbenzene, Butanone, 4-Methyl-2-Pentanone, Ethylbenzene, Isopropylbenzene, Xylene, Naphthalene, Butylbenzene, and Isopropyltoluene.
Air (outdoors)	___	___	___	

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Groundwater - Three rounds of Groundwater sampling have been completed at wells MP-3, MW-3, MP-6, and MP-14 (2003 MPI ESA Phase III) with the following results: Cadmium (diss.) concentrations up to 0.038 mg/l; Cadmium (total) concentrations up to 0.034 mg/l; Copper (total) concentrations up to 0.065 mg/l; Zinc (diss.) concentrations up to 0.18 mg/l; Zinc (total) concentrations up to 0.18 mg/l. Additionally, the following contaminants were also detected in all three rounds of groundwater sampling: 1,1 Dichloroethane concentrations up to 2.3 ug/l; 1,2,4 Trimethylbenzene concentrations up to 240 ug/l; 1,3,5 Trimethylbenzene concentrations up to 68 ug/l; Benzene concentrations up to 0.87 ug/l; Ethylbenzene concentrations up to 71 ug/l; Isopropylbenzene concentrations up to 15 mg/l; m/p Xylene concentrations up to 180 ug/l; Naphthalene concentrations up to 390 ug/l; n-Butylbenzene concentrations up to 8.3 ug/l; n-Propylbenzene concentrations up to 24 ug/l; o-Xylene concentrations up to 13 ug/l; p-Isopropyltoluene concentrations up to 3.8 ug/l; sec-Butylbenzene concentrations up to 5.3 ug/l; tert-Butylbenzene concentrations up to 1.5 ug/l; Toluene concentrations up to 2.4 ug/l; TCE concentrations up to 3.7 ug/l.; and TPH concentrations as detected in all three rounds, with concentrations up to 160 mg/l. Finally, the following contaminants were found in one or two of the three of the rounds of groundwater sampling: Copper (diss) concentrations up to 0.031 mg/l; 1,1 Trichloroethane concentrations up to 0.79 ug/l; chloroform (0.64 ug/l); and Acetone (26 ug/l). There are no potential human exposures from this media because there have been no exceedances of the CTDEP GWVC and since the groundwater is not a drinking water supply.

Subsurface Soil – TPH was found to be in concentrations as high as 53,000 mg/kg (2000 MPI ESA Phase II). Additional soil samples were collected and analyzed during September 2002 with the following results (2003 MPI ESA Phase III): Lead concentrations up to 6.1 mg/kg; 1,2,4 Trimethylbenzene concentrations up to 32,000 ug/kg; 1,3,5 Trimethylbenzene concentrations up to 13,000 ug/kg; 2-Butanone concentrations up to 210 ug/kg; 4-Methyl-2-

Pentanone; Ethylbenzene concentrations up to 4,800 ug/kg; Isopropylbenzene concentrations up to 4,200 ug/kg; m/p Xylene concentrations up to 15,000 ug/kg; Naphthalene 37,000 ug/kg; n-Butylbenzene 13,000 ug/kg; n-Propylbenzene concentrations up to 9,500 ug/kg; p-Isopropyltoluene concentrations up to 8,700 ug/kg; and sec-Butylbenzene concentrations up to 6,000 ug/kg. Since the TPH and VOCs were found to be at a depth greater than 4' below grade, the contamination can be rendered inaccessible and therefore there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former 4,000 gallon Diesel/Gasoline Tank (AOC #13b)

3J. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	--	--	--	--	--	--	--
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	NO	NO	NO	NO	NO	NO	NO
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

__X__ If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

____ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

____ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Former 4,000 gallon Diesel/Gasoline Tank (AOC #13b)

6J. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____
(print) _____
(title) _____

Supervisor (signature) _____ Date _____
(print) _____
(title) _____
(EPA Region or State) _____

Locations where References may be found:
Malcolm Pirnie, Inc., 100 Roscommon Drive, Middletown, Connecticut 06457

Contact telephone and e-mail numbers

(name) _____
(phone #) _____
(e-mail) _____

FINAL NOTE: THE HUMAN EXPOSURES EI IS A QUALITATIVE SCREENING OF EXPOSURES AND THE DETERMINATIONS WITHIN THIS DOCUMENT SHOULD NOT BE USED AS THE SOLE BASIS FOR RESTRICTING THE SCOPE OF MORE DETAILED (E.G., SITE-SPECIFIC) ASSESSMENTS OF RISK.

Pickling Lines
NCAP #4
Release Summary

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Pickling Lines (NCAP #4)

2K. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	___	___	___	
Air (indoors)[2]	___	___	___	
Surface Soil (e.g., <2 ft)	X	___	___	Sulfuric Acid, Hydrogen Peroxide, Chromium, Copper, lead, Nickel, and Zinc.
Surface Water	X	___	___	Sulfuric Acid, Hydrogen Peroxide, Chromium, Copper, lead, Nickel, and Zinc.
Sediment	___	___	X	
Subsurf. Soil (e.g., >2 ft)	___	___	___	
Air (outdoors)	___	___	___	

___ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

X If yes (for any media) continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) skip to #6 and enter "IN" status code.

Rationale and Reference(s):

Surface Soil - In October 1993, a leak of Pickling Fluid occurred due to a clogged drain pipe and the fluid overflowed to a nearby defunct roof drain that discharged to Steele Brook. Some of the liquid was suspected to leak around the drain to the underlying soil. The discharge contained approximately 100 gallons and consisted of approx. 2 lbs sulfuric acid, 0.15 lbs of hydrogen peroxide and approx. 0.3 lbs of copper in solution. Upon decommissioning of the #402 and #403 pickle lines in October of 1998 (that were juxtaposed each other) composite soil samples were collected from under each pickle line and the results for SPLP metals (silver, arsenic, barium, cadmium, chromium, copper, mercury, lead and selenium) were all below detection limits.

Surface Water – In February 1993 and October 1993, leaks of Pickling Fluid occurred which resulted in the release of the fluid to the Steele Brook via the drainage system (Addendum to November 5, 2001 Response to Draft EPA Comments). The Pickling Lines were then decommissioned in 1998 (Addendum to November 5, 2001 Response to Draft EPA Comments), thus there are no potential human exposures from this media.

Sediment – Because the major constituents of the Pickling Fluid are soluble in water, any releases into Steele Brook would have likely flowed downstream and not been entrapped in sediments. Furthermore, due to the transient nature of sediment in a stream, where it is mobilized following major storm events, sediments in the area of the release in 1993 have likely been washed far downstream. Therefore, there are no potential human exposures from this media.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Pickling Lines (NCAP #4)

3K. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

	Potential **Human Receptors** (Under Current Conditions)						
Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	--	--	--	--	--	--	--
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	NO	NO	NO	NO	NO	NO	NO
Surface water	NO	NO	NO	NO	NO	NO	NO
Sediment	NO	NO	NO	NO	NO	NO	NO
Soil (subsurface e.g., >2 ft)	--	--	--	--	--	--	--
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

X If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

___ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

___ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

A The Pickling Lines were decommissioned in 1998 and soil samples confirmed that soil beneath the lines did not exceed RSR criteria, i.e. GBPMC for metals of concern. It is our opinion that there are no potential human exposures from this media. Upon decommissioning it was noted that a new 8" thick concrete pad was installed in the area of the pickling lines. The results of the soil samples are included at the rear of Appendix D.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Pickling Lines (NCAP #4)

6K. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

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(title) _____

Supervisor (signature) _____ Date _____
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Offsite
Groundwater Migration

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Offsite Groundwater Migration

2L. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**"[1] above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater	____	X	____	_____
Air (indoors)[2]	____	____	NA	_____
Surface Soil (e.g., <2 ft)	____	____	NA	_____
Surface Water	____	____	NA	_____
Sediment	____	____	NA	_____
Subsurf. Soil (e.g., >2 ft)	____	____	NA	_____
Air (outdoors)	____	____	NA	_____

NA= Non Applicable (offsite)

_X_ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

___ If yes (for any media) -continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

___ If unknown (for any media) -skip to #6 and enter "IN" status code.

Rationale and Reference(s):

The complete write-up for Groundwater migration off-site is contained in Section 7 of "Human Exposures Assessment for Environmental Indicators CA-725 (revised)", included in this document. In brief, the potential for Human Exposures due to offsite groundwater migration toward any hydraulically down-gradient areas is limited to volatile organic compounds in groundwater beneath buildings. The hydraulically downgradientborder of the WRM property is also roughly 350 feet from the building located at 237 East Aurora Street. Volatile organic compounds in groundwater were not detected at the downgradient boundary of the WRM site at concentrations exceeding volatilization criteria . Volatile organic compounds were also not detected in groundwater samples at concentrations that exceeded residential groundwater volatilization criteria collected from wells along the northern border of the site at 237 East Aurora Street. Results from the recent sampling of these wells are provided in Table 6 and well locations are shown on Figure 6. No non-industrial receptors exist in the area of the observed LNAPL in the area between the south end of the WRM property and the Naugatuck River or Steele Brook. This includes, but is not limited to schools, libraries, hospitals, hotels or stores.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Offsite Groundwater Migration

3L. Are there **complete pathways** between "contamination" and human receptors such that exposures can be reasonably expected under the current (land- and groundwater-use) conditions?

Summary Exposure Pathway Evaluation Table

Potential Human Receptors (Under Current Conditions)

Contaminated Media	Residents	Workers	Day-Care	Construction	Trespassers	Recreation	Food
Groundwater	NO	NO	NO	NO	NO	NO	NO
Air (indoors)	--	--	--	--	--	--	--
Soil (surface, e.g., <2 ft)	--	--	--	--	--	--	--
Surface water	--	--	--	--	--	--	--
Sediment	--	--	--	--	--	--	--
Soil (subsurface e.g., >2 ft)	--	--	--	--	--	--	--
Air (outdoors)	--	--	--	--	--	--	--

Instructions for Summary Exposure Pathway Evaluation Table:

1. Strike-out specific Media including Human Receptors' spaces for Media which are not "contaminated") as identified in #2 above.

2. enter "yes" or "no" for potential "completeness" under each "Contaminated" Media -- Human Receptor combination (Pathway).

Note: In order to focus the evaluation to the most probable combinations some potential "Contaminated" Media - Human Receptor combinations (Pathways) do not have check spaces ("___"). While these combinations may not be probable in most situations they may be possible in some settings and should be added as necessary.

_X_ If no (pathways are not complete for any contaminated media-receptor combination) skip to #6, and enter "YE" status code, after explaining and/or referencing condition(s) in-place, whether natural or man-made, preventing a complete exposure pathway from each contaminated medium (e.g., use optional Pathway Evaluation Work Sheet to analyze major pathways).

____ If yes (pathways are complete for any "Contaminated" Media Human Receptor combination) continue after providing supporting explanation.

____ If unknown (for any "Contaminated" Media Human Receptor combination) skip to #6 and enter "IN" status code.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)

Offsite Groundwater Migration

6L. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

__X__ YE - Yes, "Current Human Exposures Under Control" has been verified. Based on a review of the information contained in this EI Determination, "Current Human Exposures" are expected to be "Under Control" at the Waterbury Rolling Mills, Inc. facility, EPA ID # CT D001164607 located at 240 Aurora Street, Waterbury, Connecticut under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

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Supervisor (signature) _____ Date _____
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Locations where References may be found:
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"No Release"
Summaries

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)
Page 2

2. Are groundwater, soil, surface water, sediments, or air **media** known or reasonably suspected to be "**contaminated**" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action (from SWMUs, RUs or AOCs)?

	YES	No	?	Rationale / Key Contaminants
Groundwater		x		The current monitoring well network has not detected any impacts to groundwater from any of the areas described in this section.
Air (indoors)[2]	____	x	____	Refer to Rationale and References below for all
Surface Soil (e.g., <2 ft)	____	x	____	SWMUs, AOCs, and NCAPSs.
Surface Water	____	x	____	
Sediment	____	x	____	
Subsurf. Soil (e.g., >2 ft)	____	x	____	
Air (outdoors)	____	x	____	

__x__ If no (for all media) - skip to #6, and enter "YE," status code after providing or citing appropriate "levels," and referencing sufficient supporting documentation demonstrating that these "levels" are not exceeded.

____ If yes (for any media) -continue after identifying key contaminants in each "contaminated" medium, citing appropriate "levels" (or provide an explanation for the determination that the medium could pose an unacceptable risk), and referencing supporting documentation.

____ If unknown (for any media) -skip to #6 and enter "IN" status code.

Rationale and Reference(s): (Reference numbers correspond to the numbers provided in Appendix A of the Human Exposures Assessment for Environmental Indicators CA-725 (revised.)

Griset Mill Satellite Storage (SWMU #4): Reference 4, (p. 7). There are no records of spills or releases to this area since the Griset Mill was installed in 1986. We concur that human exposures are controlled under current site conditions.

Wastewater treatment system / discharge (SWMU #5/ NCAPS #5): References 4 (p. 8), 12 (p. 4). The conditions described previously remain current, i.e. there are no records of spills or releases, waste water is discharged under permit to the local POTW, and risk of human exposures at this area are limited to trained personnel during the course of waste water treatment operations.

Primary waste storage area (SWMU #6): Reference 4 (p. 8). The conditions described remain current, i.e. 1995 construction of coated concrete floor and berm inside the site building, no reported spills or releases from this area, the area is inspected weekly, and human exposures are controlled under current site conditions.

Secondary waste storage area (SWMU #7): Reference 4 (p. 8). The conditions described remain current, i.e. area is located on a concrete floor with berm inside the site building, no reported spills or releases from this area, the area is inspected weekly, and human exposures are controlled under current site conditions.

Exhaust condensate collection system from annealing furnaces (SWMU #9): Reference 4 (p. 9). The conditions described remain current, i.e. containment is excellent, no releases have reportedly occurred, and human exposures are controlled under current site conditions.

Metal hydroxide sludge roll off (SWMU #10): Reference 4 (p. 10). The conditions described remain current, i.e. the roll off is lined, is located on an asphalt and concrete pad, is covered except when being filled, and subject to monthly formal inspections. No releases have been reported and human exposures are controlled for this unit.

Scrap concrete/firebrick and metal roll off (SWMU #11): Reference 4 (p. 10). The conditions described remain current, i.e. the two roll offs are on concrete pads, covered with a roof, inspected daily, and human exposures are controlled under current site conditions.

Oily sweeps roll off (SWMU #12): Reference 4 (p. 10). The conditions described remain current, i.e. the area is roofed, paved, inspected regularly, and no releases have been reported from this unit. Therefore, human exposures are controlled under current site conditions.

Former hazardous waste storage area (SWMU #14/ NCAPS #2): References 4 (p. 11), 12 (p. 3). We concur with the findings that there are no records of spills or releases to this area, containment was "good", the area underwent RCRA generator closure before being converted to a loading dock including the pouring of a new floor/ramp system, and there is no known threat for human exposures.

Former waste oil AST (550 gallon) (SWMU #15/ NCAPS #8): References 4 (p. 12), 12 (p. 6). The conditions described remain current, i.e. there are no records of spills or releases from the tank, the tank was stored on paved surfaces, and there is no known threat for human exposure as use of the tank was discontinued in 1989.

Former Sulfuric Acid storage (AOC #1): Reference 4 (p. 12). The conditions described remain current, i.e. the original AST was removed and sulfuric acid is currently stored in a tote with secondary containment. No releases have been reported from either container. We concur that human exposures are controlled under current site use.

Sulfuric acid spill area (AOC #2): Reference 4 (p. 12). The conditions described remain current, i.e. one acid release was reported in 1994. The spill was cleaned up, an evaluation determined that the spilled acid did not penetrate the floor, and a new concrete floor was laid over the existing floor. Therefore, there is no known threat for human exposures under current site use.

Parts washers (4) (AOC #5): Reference 4 (p. 14). The conditions described remain current, i.e. the facility currently uses non-hazardous materials in self-contained parts washers. No releases have been reported from any container when hazardous compounds were present. Because these areas are located inside on concrete floors with no floor drains, human exposures are controlled under current site conditions.

Virgin oil storage (grinding shop) (AOC #6): Reference 4 (p. 14). The conditions described remain current, i.e. no releases have been reported, the area has a concrete floor with no floor drains, and human exposures are controlled under current site conditions.

Virgin oil storage (production bldg.) (AOC #7): Reference 4 (p. 14). The conditions described remain current, i.e. no releases have been reported, the area is located indoors on a concrete floor with no floor drains, it is routinely inspected, and human exposures are believed to be controlled under current site conditions.

Above ground storage tank (AST) in office building (AOC #8): Reference 4 (p. 15), Reference 13 (p. 2-7). The conditions described remain current, i.e. no releases have been reported, the new tank installed October 2001 is double walled with a leak detection system and is located indoors on a concrete floor with no floor drains, and human exposures are controlled under current site conditions.

Diesel AST for 400kw emergency generator outside baghouse area (AOC #9): Reference 4 (p. 15). The conditions described remain current, i.e. no releases have been reported, the tank has a leak monitoring system and secondary containment, is protected by bollards, and is inspected every time it is filled. Human exposures are controlled under current site conditions.

No. 2 fuel oil AST for boiler (AOC #10): Reference 4 (p. 15). The conditions described remain current, i.e. no releases have been reported, the tank has a leak monitoring system and secondary containment, is protected by a concrete wall, and is inspected every time it is filled. Human exposures are controlled under

current site conditions.

Transformers (AOC #12): Reference 4 (p. 16), Reference 13 (p. 2-7). The conditions described remain current, i.e. three transformers have been taken out of commission and replace with two transformers. One is a dry transformer and the other is a non-PCB oil filled transformer. All are mounted on a fenced concrete pad. Aside from minor stains observed in 1996, no releases have been reported. Human exposures are controlled under current site conditions

Former Waste Oil Storage Tank (7,500 gallon) (NCAPS #3): Reference 12 (p. 3). The conditions described remain current, i.e. precise location uncertain, the yard soils are currently paved and inaccessible, and there is no threat for human exposure. Additional information is not available.

Furnaces (NCAPS #7): Reference 3 (p. 5). The conditions described remain current, i.e. containment is good, and there is no known threat for human exposure.

Rolling Mills (NCAPS #9): Reference 12 (p. 6). The conditions described remain current, i.e. containment is very good and potential human exposure is limited to manufacturing personnel in the workplace environment. Also, there are no records of spills or releases from this area.

Slitting Rooms (NCAPS #10): Reference 12 (p. 6). The conditions described remain current, i.e. containment is very good and potential human exposure is limited to manufacturing personnel in the workplace environment. Also, there are no records of spills or releases from this area.

Furnace Oil Spill Area (Stain) (NCAPS #11): Reference 12 (p.7). The conditions described remain current, no stained area was found upon inspection, and underlying soil is currently inaccessible and not a threat for human exposure.

Machine Shop (NCAPS #12): Reference 12 (p.7). The conditions described remain current, i.e. containment is very good, the area has been decommissioned, and there is no known threat for human exposure.

References:

4. GZA, "Environmental Indicators Evaluation, Waterbury Rolling Mills, Inc., 240 East Aurora Street, Waterbury, Connecticut", December 1999.
12. Letter from MPI to Aaron Gilbert, November 5, 2001, "Response to Draft EPA Comments".
13. MPI, "Human Exposures Assessment for Environmental Indicators CA-725," December 2001.

Footnotes:

[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 appropriately protective risk-based "levels" (for the media, that identify risks within the acceptable risk range).

[2] Recent evidence (from the Colorado Dept. of Public Health and Environment, and others) suggest that unacceptable indoor air concentrations are more common in structures above groundwater with volatile contaminants than previously believed. This is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration necessary to be reasonably certain that indoor air (in structures located above (and adjacent to) groundwater with volatile contaminants) does not present unacceptable risks.

Current Human Exposures Under Control
Environmental Indicator (EI) RCRIS code (CA725)
Page 5

6. Check the appropriate RCRIS status codes for the Current Human Exposures Under Control EI event code (CA725), and obtain Supervisor (or appropriate Manager) signature and date on the EI determination below (and attach appropriate supporting documentation as well as a map of the facility):

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_____ NO - "Current Human Exposures" are NOT "Under Control."

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

Completed by (signature) _____ Date _____
(print) _____
(title) _____

Supervisor (signature) _____ Date _____
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Appendix A
References

Supporting documents for Waterbury Rolling Mill, Inc. EI Evaluation for CA-725 Human Exposures August 2003.

1. HRP Associates Inc., December 1991, "Part B Permit Application for Waterbury Rolling Mills, Inc.", Sect. 5.4, Post closure Groundwater Monitoring Plan.

2. USEPA, 1994, "Revised Preliminary RCRA Data Input Forms for Summary Model/NCAPS Forms", Waterbury Rolling Mills, Inc., Waterbury, CT

3. Connecticut Department of Environmental Protection, 1996, Remedial Standard Regulations.

4. GZA Geoenvironmental, Inc. 1999. "Environmental Indictors Evaluation", Waterbury Rolling Mills, Inc. December 1999.

5. Malcolm Pirnie, Inc., February 2000, "Phase II Environmental Site Assessment Report" Waterbury Rolling Mills, Inc.

6. Haley and Aldrich, March 2001, "Voluntary Corrective Action Stabilization Actions for Human Exposure", Waterbury Rolling Mills, Inc.

7. Haley and Aldrich, April 2001, Waterbury Rolling Mills, Re: "Groundwater in vicinity of USTs", south end of site.

8. Haley and Aldrich, June 2001, "Stabilization Action for Human Exposure, Solid Waste Management, Unit 3". Former PCB Storage Building.

9. Haley and Aldrich, June 2001, "Stabilization Action for Human Exposure, Former Landfill, Soil Waste Management Unit #13".

10. Malcolm Pirnie, Inc., August 2001, Workscope Proposal for SWU #13.

11. Malcolm Pirnie, Inc., September 2001, SWMU #13 Soil Data Analysis Report.

12. Malcolm Pirnie, Inc., November 2001, "Response to Draft USEPA Comments" Waterbury Rolling Mills, Inc.

13. Malcolm Pirnie, Inc., 2001, Human Exposure Assessment for Environmental Indicator CA-725.

14. Malcolm Pirnie, Inc. 2003, "Phase III Environmental Site Assessment Report, Waterbury Rolling Mills, Inc."

15. Sound Environmental Solutions, February 2003, "2001 Annual Summary Report RCRA Groundwater Monitoring Program."

Appendix B
Tables

Table 1
CA-725 List of Environmental Indicators for Human Exposures

Human Exposures
Environmental Indicators CA-725

ITEM #	Solid Waste Management Units	Release to Environment?	Pathway Complete ?	Existing Data	New Data per Phase III
1	Former outside drum storage area	Yes	No	Yes	Yes
2	Baghouse storage area	Yes	No	Yes	Yes
3	PCB storage shed	Yes	No	Yes	Yes
4	Griset mill satellite storage	No	No	No	No
5	Wastewater treatment system/discharge (also NCAPS # 5)	No	No	No	No
6	Primary waste storage area	No	No	No	No
7	Secondary waste storage area	No	No	No	No
8	Former surface impoundment area (also NCAPS #1)	Yes	No	Yes	No
9	Exhaust condensate collection system from annealing furnaces	No	No	No	No
10	Metal hydroxide sludge roll off	No	No	No	No
11	Scrap concrete/firebrick and metal roll off	No	No	No	No
12	Oily sweeps roll off	No	No	No	No
13	Historic landfill area	Yes	No	Yes	Yes
14	Former hazardous waste storage area (also NCAPS # 2)	No	No	No	No
15	Former waste oil AST (also NCAPS # 8)	No	No	No	No
	Areas of Concern				
1	Former sulfuric acid storage	No	No	No	No
2	Sulfuric acid spill area	No	No	No	No
3	Former tanks by accounting office building	Yes	No	Yes	No
4	Former tanks near maintenance area	Yes	No	Yes	Yes
5	Parts washers (4)	No	No	No	No
6	Virgin oil storage (grinding shop)	No	No	No	No
7	Virgin oil storage (production bldg.)	No	No	No	No
8	Above ground storage tank (AST) in office building (275 gal.)	No	No	No	No
9	Diesel AST for 400kw emergency generator outside baghouse area	No	No	No	No
10	No. 2 fuel oil AST for boiler (6,000 gal.)	No	No	No	No
11	Four former tanks near railroad tracks	Yes	No	Yes	Yes
12	Pad-mounted Transformers	No	No	No	No
13a	Fuel oil underground storage tank (F8, not found)	Yes	No	No	Yes
13b	Former 4,000 gallon diesel/gasoline tank	Yes	No	No	Yes
	NCAPS				
1	Metal Hydroxide Sludge Lagoon (also SWMU # 8)	Yes	No	Yes	No
2	Hazardous Waste Storage Shed (also SWMU # 14)	No	No	No	No
3	Former Waste Oil Storage Tank (7,500 gallon)	No	No	No	No
4	Pickling Line	Yes	No	Yes	No
5	Waste Water Treatment System (also SWMU # 5)	No	No	No	No
6	Baghouse Storage Area (also SWMU # 2)	Yes	No	Yes	Yes
7	Furnaces	No	No	No	No
8	Waste Storage AST (550 gallon) (also SWMU # 15)	No	No	No	No
9	Rolling Mills	No	No	No	No
10	Slitting Rooms	No	No	No	No
11	Furnace Oil Spill Area (Stain)	No	No	No	No
12	Machine Shop	No	No	Yes	No
13	Drum Storage Areas (also SWMU # 1)	Yes	No	Yes	Yes
14	PCB Storage Area (also SWMU # 3)	Yes	No	Yes	No

Table 2
SWMU 13
Soil Sample Results
Waterbury Rolling Mills

Boring	Depth (ft.)	Copper (mg/Kg)	SPLP Copper (mg/L)	ETPH (mg/Kg)	Toluene (ug/Kg)	Trichloroethene (ug/Kg)	Naphthalene (ug/Kg)
B-22/MP-4	2-4	**3560**	0.56	31	<10.0	<10.0	<10.0
B-23	0-2	269	6.5	63	<10.0	<10.0	<10.0
B-24	0-2	**62100**	10.9	**930**	15	36	<10.0
B-25	4-6	568	0.04	<10.0	<10.0	43	<10.0
B-26/MP-5	0-2	**2870**	1.05	160	<10.0	<10.0	<10.0
B-27	6-8	393	1.95	58	<10.0	25	<10.0
B-28	2-4	**3350**	0.41	57	<10.0	<10.0	<10.0
B-29	0-2	**4170**	0.26	<10.0	<10.0	29	<10.0
B-30	2-4	**4550**	7	**870**	<250	<250	39000

Above samples were collected by Malcolm Pirnie on August 14 and 15, 2001

Previous Investigations							
B-01	0-2	**5060**	NA	NA	NA	NA	NA
B-02	2-4	**17800**	NA	NA	NA	NA	NA
B-03	1-3	**3440**	NA	NA	NA	NA	NA

Above samples were collected by Malcolm Pirnie on December 17, 1999

TP-1;S1	4.5-6.5	2100	NA	NA	<10	55	<330
TP-2;S1	1.5-3.0	NA	NA	**1400**	<10	22	<10
TP-2;S2	3.0-3.5	**6900**	NA	NA	<10	88	<330

Above samples were collected by Haley & Aldrich in May 2001

Regulatory Criteria						
CTDEP Residential DEC	2500		500	500000	56000	1000000
CTDEP Indust./Commerc. DEC	76000		2500	1000000	520000	2500000
CTDEP GB PMC		13	2500	67000	1000	56000

ETPH - Extractable Petroleum Hydrocarbons
SPLP - Synthetic Precipitation Leaching Procedure
DEC - Direct Exposure Criteria
GB PMC - Class GB groundwater Pollutant Mobility Criteria
NA - Not Analyzed
Bold - values exceed Residential DEC

Waterbury Rolling Mills
Phase III Supplemental Investigation

Table 2A

Summary of Soil Results
North Section Site Area (SWMU #13)

Boring ID	Copper (mg/Kg)	SPLP Copper (mg/L)
B36 (0-2)	**53800**	1.41
B36 (2-4)	**5480**	0.888
B36 (4-6)	**3090**	0.67
B37 (0-2)	**193000**	0.602
B37 (2-4)	**91000**	0.159
B37 (4-6)	**2840**	0.36
B38 (0-5)	**24800**	1.86
B38 (5-7)	**4410**	0.417
B38 (7-10)	241	0.344

Criteria

RDEC	2500	NA
IDEC	76000	NA
GBPMC	NA	13

Boring Samples taken 4/5/2005

Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exposure Criteria
IDEC - Industrial Direct Exposure Criteria
GBPMC - Pollutant Mobility Criteria applicable to a GB Class groundwater area

Waterbury Rolling Mills
Phase III Investigation

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MW-1 7/15/02	MW-1 9/17/02	MW-1 12/2/02	MW-3 7/15/02	MW-3 9/17/02	MW-3 12/2/02	MW-4 7/15/02	MW-4 9/17/02	MW-4 12/2/02	MW-5 7/15/02	MW-5 9/17/02	MW-5 12/2/02	MP-1 7/16/02	MP-1 dup 7/16/02	MP-1 9/19/02	MP-1 Dup 12/3/02	MP-1 12/3/02	MP-3 7/15/02
Metals (mg/l)																					
Cadmium, Dissolved	0.006	NA	NA	0.0051	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.018	BDL	0.018	BDL	BDL	BDL	BDL	BDL	BDL
Cadmium, Total	0.006	NA	NA	0.0063	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.017	0.017	0.015	BDL	BDL	BDL	BDL	BDL	BDL
Copper, Dissolved	0.048	NA	NA	0.74	0.70	0.59	0.031	BDL	0.022	0.11	0.081	0.10	0.04	0.037	0.037	BDL	BDL	BDL	BDL	BDL	BDL
Copper, Total	0.048	NA	NA	0.81	0.84	1.1	BDL	BDL	0.065	0.14	0.13	0.16	0.072	0.067	0.055	BDL	0.016	0.010	BDL	BDL	BDL
Lead-Low Level, Dissolved	0.013	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead-Low Level, Total	0.013	NA	NA	0.0062	BDL	0.016	BDL	BDL	BDL	BDL	BDL	BDL	0.005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel, Dissolved	0.88	NA	NA	0.33	0.25	0.25	BDL	BDL	BDL	0.018	BDL	0.033	0.42	0.42	0.37	0.013	0.014	BDL	BDL	BDL	BDL
Nickel, total	0.88	NA	NA	0.33	0.25	0.28	BDL	BDL	BDL	0.02	0.025	0.022	0.37	0.36	0.34	0.013	0.018	BDL	BDL	BDL	BDL
Zinc, Dissolved	0.123	NA	NA	2.2	1.6	1.5	0.072	0.031	0.061	0.067	0.072	0.10	2.0	2.1	1.9	BDL	BDL	0.010	0.017	0.016	0.011
Zinc, total	0.123	NA	NA	2.0	1.5	1.5	0.054	0.061	0.12	0.07	0.082	0.086	1.8	1.8	1.7	0.027	0.03	0.017	0.068	0.07	0.014
ETPH by GC/FID, Water	NA	NA	NA	0.10	BDL	BDL	0.21	0.22	0.16	BDL	0.12	BDL	BDL	BDL	BDL	28	18	5.0	6.7	11	62
LNAPL Thickness (ft.)	NA	NA	NA	none	none	none	none	none	none	none	none	none	none	none	none	0.18	0.18	0.23	0.22	0.22	0.26
Volatile Organic Compounds (#8260) (ug/l)																					
1,1,1,2-Tetrachloroethane		2	64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	62000	6500	16000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane		1.8	54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane		220	2900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		3000	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	NE	190	920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NE	360	4800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	0.85	0.87	0.94	0.74	18
1,2-Dibromo-3-Chloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene		5100	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane		6.5	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane		7.4	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.7
1,3,5-Trimethylbenzene	NE	280	3900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene		4300	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	NE	11	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene		1400	3400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Butanone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-Pentanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.86
Benzene	710	130	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	NE	2.3	73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	10800	75	2300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride		5.3	14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MW-1 7/15/02	MW-1 9/17/02	MW-1 12/2/02	MW-3 7/15/02	MW-3 9/17/02	MW-3 12/2/02	MW-4 7/15/02	MW-4 9/17/02	MW-4 12/2/02	MW-5 7/15/02	MW-5 9/17/02	MW-5 12/2/02	MP-1 7/16/02	MP-1 dup 7/16/02	MP-1 9/19/02	MP-1 Dup 12/3/02	MP-1 12/3/02	MP-3 7/15/02
Chlorobenzene		1800	23000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	NE	12000	29000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	14100	26	62	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	NE	390	5500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	NE	830	11000	1.4	3.0	3.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	1020			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NE	93	1200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	580000	2700	36000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.67
Hexachlorobutadiene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NE	2800	6800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.0	3.3	6.2	4.6	3.9	2.7
m/p-Xylene		8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.0
Methylene Chloride	48000	160	2200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl-tert-butyl-ether		21000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10	3.3	3.4	4.1	4.4	20
Naphthalene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.59	0.78	0.54	1.4	1.3	2.6
n-Butylbenzene	NE	1500	21000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.8	1.5	3.7	5.1	4.3	3.6
n-Propylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
o-Xylene	NE	8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8	2.4	BDL	3.3	4.7	0.87
p-Isopropyltoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.6	2.7	4.1	4.2	3.6	2.5
sec-Butylbenzene	NE	1500	20000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene		3100	42000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	0.88	1.4	1.3	1.1	BDL
tert-Butylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethylene	88	340	810	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL
Toluene	4000000	7100	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	NE	1000	13000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	2340	27	67	24	9.1	17	BDL	BDL	BDL	BDL	BDL	BDL	0.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NE	1300	4200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	15750	1.6	52	BDL	3.3	3.3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Polychlorinated Biphenyls (ug/L)																					
Aroclor 1016	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1221	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1232	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1242	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1248	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1254	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1260	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:

BDL = Below Detection Limit

Bolding reflects criterion was exceeded

NA = Not Applicable

NE = No criterion currently exists for this compound

NM = Not Measured

NT = Not Tested

IGWVC= Newly proposed Industrial groundwater volatilization criteria (March 2003)

RGWVC= Newly proposed Residential groundwater volatilization criteria (March 2003)

SWPC= surface water protection criteria

Blank cells under Standards columns indicates that this compound was not detected in any wells

Dissolved metals analyses are filtered sample 0.45 micron

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-3 9/18/02	MP-3 12/2/02	MP-4 7/16/02	MP-4 9/17/02	MP-4 12/2/02	MP-6 7/15/02	MP-6 9/19/02	MP-6 12/2/02	MP-7 7/15/02	MP-7 9/18/02	MP-7 12/2/02	MP-8 7/15/02	MP-8 Dup 7/15/02	MP-8 9/18/02	MP-8 12/2/02	MP-9 7/15/02	MP-9 9/18/02	MP-9 12/2/02
Metals (mg/l)																					
Cadmium, Dissolved	0.006	NA	NA	BDL	BDL	BDL	BDL	BDL	0.033	0.038	0.028	BDL	0.0072	BDL	0.0067	0.0052	BDL	BDL	BDL	0.0066	BDL
Cadmium, Total	0.006	NA	NA	BDL	BDL	BDL	BDL	BDL	0.032	0.034	0.028	0.0062	0.0070	BDL	BDL	0.0062	BDL	BDL	BDL	BDL	BDL
Copper, Dissolved	0.048	NA	NA	BDL	BDL	0.39	0.32	0.62	BDL	BDL	BDL	0.053	0.054	0.06	0.018	0.02	0.017	0.015	0.012	0.014	0.015
Copper, Total	0.048	NA	NA	BDL	BDL	0.78	0.33	0.66	BDL	BDL	0.017	0.11	0.067	0.076	0.043	0.041	0.031	0.06	0.022	0.017	0.018
Lead-Low Level, Dissolved	0.013	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead-Low Level, Total	0.013	NA	NA	BDL	BDL	0.0094	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel, Dissolved	0.88	NA	NA	BDL	BDL	0.052	0.033	0.049	BDL	BDL	BDL	0.20	0.17	0.19	0.12	0.11	0.040	0.03	0.095	0.11	0.06
Nickel, total	0.88	NA	NA	BDL	BDL	0.11	0.026	0.045	BDL	BDL	BDL	0.18	0.17	0.19	0.11	0.11	0.044	0.036	0.095	0.12	0.062
Zinc, Dissolved	0.123	NA	NA	0.010	0.024	0.16	0.15	0.27	0.11	0.091	0.076	0.48	0.35	0.48	1.3	1.3	0.56	0.43	0.14	0.20	0.14
Zinc, total	0.123	NA	NA	0.049	0.016	0.21	0.14	0.16	0.081	0.077	0.064	0.50	0.34	0.44	1.2	1.3	0.53	0.46	0.14	0.21	0.13
ETPH by GC/FID, Water	NA	NA	NA	160	1.8	0.30	2.2	BDL	3.0	1.6	10	BDL	0.13	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
LNAPL Thickness (ft.)	NA	NA	NA	0.33	0.27	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Volatile Organic Compounds (#8260) (ug/l)																					
1,1,1,2-Tetrachloroethane		2	64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	62000	6500	16000	BDL	BDL	BDL	BDL	BDL	BDL	0.79	0.76	4.6	8.5	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane		1.8	54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane		220	2900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		3000	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.51	1.3	0.80	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	NE	190	920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NE	360	4800	18	24	BDL	BDL	BDL	49	12	29	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromo-3-Chloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene		5100	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane		6.5	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane		7.4	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NE	280	3900	6.1	9.7	BDL	BDL	BDL	16	4.2	11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene		4300	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	NE	11	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene		1400	3400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Butanone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-Pentanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		50000	50000	26	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	710	130	310	1.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	NE	2.3	73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	10800	75	2300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride		5.3	14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-3 9/18/02	MP-3 12/2/02	MP-4 7/16/02	MP-4 9/17/02	MP-4 12/2/02	MP-6 7/15/02	MP-6 9/19/02	MP-6 12/2/02	MP-7 7/15/02	MP-7 9/18/02	MP-7 12/2/02	MP-8 7/15/02	MP-8 Dup 7/15/02	MP-8 9/18/02	MP-8 12/2/02	MP-9 7/15/02	MP-9 9/18/02	MP-9 12/2/02
Chlorobenzene		1800	23000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	NE	12000	29000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	14100	26	62	BDL	BDL	BDL	BDL	BDL	0.64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	NE	390	5500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	NE	830	11000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	1020			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.57	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NE	93	1200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	580000	2700	36000	0.88	0.89	BDL	BDL	BDL	1.2	3.3	3.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NE	2800	6800	2.6	2.8	BDL	BDL	BDL	3.7	4.2	6.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
m/p-Xylene		8700	48000	4.7	3.4	BDL	BDL	BDL	4.2	2.9	4.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	48000	160	2200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl-tert-butyl-ether		21000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	NE	NE	NE	19	18	BDL	BDL	BDL	78	20	60	BDL	BDL	BDL	BDL	0.66	BDL	0.94	BDL	BDL	BDL
n-Butylbenzene	NE	1500	21000	2.1	3.4	BDL	BDL	BDL	4.7	1.3	4.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NE	NE	NE	3.6	4.1	BDL	BDL	BDL	5.4	4.2	6.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
o-Xylene	NE	8700	48000	BDL	BDL	BDL	BDL	BDL	9.2	4.3	5.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NE	NE	NE	2.9	1.7	BDL	BDL	BDL	2.5	0.90	2.1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NE	1500	20000	2.0	2.6	BDL	BDL	BDL	3.1	3.0	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene		3100	42000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NE	NE	NE	0.70	0.86	BDL	BDL	BDL	BDL	0.61	0.92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethylene	88	340	810	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	4000000	7100	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	NE	1000	13000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	2340	27	67	BDL	BDL	0.80	0.94	0.79	1.2	3.3	3.7	0.51	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NE	1300	4200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	15750	1.6	52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Polychlorinated Biphenyls (ug/L)																					
Aroclor 1016	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1221	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1232	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1242	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1248	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1254	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT
Aroclor 1260	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	NT	NT	NT	NT	NT	NT	NT

Notes:
BDL = Below Detection Limit
Bolding reflects criterion was exceeded
NA = Not Applicable
NE = No criterion currently exists for this compound
NM = Not Measured
NT = Not Tested
IGWVC= Newly proposed Industrial groundwater volatilization crite
RGWVC= Newly proposed Residential groundwater volatilization c
SWPC= surface water protection criteria
Blank cells under Standards columns indicates that this compoun
Dissolved metals analyses are filtered sample 0.45 micron

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-10 7/15/02	MP-10 9/18/02	MP-10 (Dup) 9/18/02	MP-10 12/2/02	MP-10 (Dup) 12/2/02	MP-11 7/16/02	MP-11 9/18/02	MP-11 12/3/02	MP-12 7/16/02	MP-12 9/19/02	MP-12 12/3/02	MP-13 7/16/02	MP-13 9/18/02	MP-13 (Dup) 9/19/02	MP-13 12/3/02	MP-14 7/16/02	MP-14 9/18/02	MP-14 12/2/02	MP-15 7/15/02
Metals (mg/l)																						
Cadmium, Dissolved	0.006	NA	NA	0.012	0.012	0.012	BDL	BDL	BDL	0.0058	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	0.0084	BDL	0.0089
Cadmium, Total	0.006	NA	NA	0.013	0.014	0.11	0.0084	0.0097	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.01	0.0081	BDL	0.0096
Copper, Dissolved	0.048	NA	NA	0.39	0.29	0.29	0.20	0.20	BDL	BDL	BDL	0.05	0.041	0.056	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.042
Copper, Total	0.048	NA	NA	0.51	0.32	0.36	0.21	0.21	BDL	BDL	BDL	0.068	0.060	0.072	BDL	BDL	BDL	0.012	0.013	0.045	BDL	0.11
Lead-Low Level, Dissolved	0.013	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead-Low Level, Total	0.013	NA	NA	0.014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.006	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel, Dissolved	0.88	NA	NA	0.14	0.14	0.16	0.18	0.17	BDL	BDL	BDL	0.035	0.023	0.039	0.07	0.040	0.036	0.044	BDL	BDL	BDL	0.037
Nickel, total	0.88	NA	NA	0.16	0.13	0.14	0.16	0.17	BDL	BDL	BDL	0.035	0.029	0.037	0.07	0.050	0.040	0.045	BDL	BDL	BDL	0.035
Zinc, Dissolved	0.123	NA	NA	0.54	0.52	0.58	0.44	0.45	0.013	0.007	0.019	0.029	0.022	0.098	0.076	0.071	0.079	0.089	0.18	0.029	0.025	0.19
Zinc, total	0.123	NA	NA	0.57	0.52	0.50	0.41	0.45	0.02	0.018	0.026	0.029	0.025	0.046	0.079	0.076	0.072	0.079	0.18	0.068	0.022	0.21
ETPH by GC/FID, Water	NA	NA	NA	BDL	BDL	BDL	BDL	BDL	0.49	BDL	BDL	0.64	0.55	0.21	BDL	BDL	BDL	BDL	16	33	25	BDL
LNAPL Thickness (ft.)	NA	NA	NA	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	1.69	5.47	6.5	none
Volatile Organic Compounds (#8260) (ug/l)																						
1,1,1,2-Tetrachloroethane		2	64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	62000	6500	16000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.50	1.4	0.79	0.60	0.50	BDL	BDL	BDL	BDL	BDL	8.1
1,1,2,2-Tetrachloroethane		1.8	54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane		220	2900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		3000	41000	BDL	BDL	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	BDL	2.9	2.3	2.4	3.0	2.3	2.1	1.7	1.1
1,1-Dichloroethene	NE	190	920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.55	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NE	360	4800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	240	83	140	BDL
1,2-Dibromo-3-Chloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene		5100	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane		6.5	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane		7.4	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NE	280	3900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	68	32	59	BDL
1,3-Dichlorobenzene		4300	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	NE	11	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene		1400	3400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Butanone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-Pentanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		50000	50000	BDL	BDL	BDL	BDL	BDL	9.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	710	130	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.87	0.61	1.1	BDL
Bromobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	NE	2.3	73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	10800	75	2300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride		5.3	14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-10	MP-10	MP-10 (Dup)	MP-10	MP-10 (Dup)	MP-11	MP-11	MP-11	MP-12	MP-12	MP-12	MP-13	MP-13	MP-13 (Dup)	MP-13	MP-14	MP-14	MP-14	MP-15
				7/15/02	9/18/02	9/18/02	12/2/02	12/2/02	7/16/02	9/18/02	12/3/02	7/16/02	9/19/02	12/3/02	7/16/02	9/18/02	9/19/02	12/3/02	7/16/02	9/18/02	12/2/02	7/15/02
Chlorobenzene		1800	23000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	NE	12000	29000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	14100	26	62	BDL	BDL	BDL	BDL	BDL	1.8	0.76	0.77	BDL	BDL	BDL	0.85	0.62	0.65	0.75	BDL	BDL	BDL	BDL
Chloromethane	NE	390	5500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	NE	830	11000	3.5	BDL	BDL	BDL	BDL	2.1	BDL	2.3	BDL	BDL	BDL	23	19	20	22	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	1020			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NE	93	1200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	580000	2700	36000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	71	28	61	BDL
Hexachlorobutadiene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NE	2800	6800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15	7.8	13	BDL
m/p-Xylene		8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	180	58	82	BDL
Methylene Chloride	48000	160	2200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methyl-tert-butyl-ether		21000	50000	BDL	BDL	BDL	BDL	BDL	0.85	0.61	0.53	BDL	BDL	BDL	2.2	1.5	1.6	1.4	BDL	BDL	BDL	BDL
Naphthalene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.64	BDL	BDL	BDL	390	100	230	0.95
n-Butylbenzene	NE	1500	21000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3	5.1	8.2	BDL
n-Propylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	24	11	20	BDL
o-Xylene	NE	8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	13	5.8	12	BDL
p-Isopropyltoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.8	2.3	3.8	BDL
sec-Butylbenzene	NE	1500	20000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.3	4.1	5.6	BDL
Styrene		3100	42000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	1.2	1.5	BDL
Tetrachloroethylene	88	340	810	BDL	BDL	BDL	BDL	BDL	0.71	0.65	0.71	4.3	0.78	0.54	BDL	2.5	2.5	2.7	BDL	BDL	BDL	BDL
Toluene	4000000	7100	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	1.1	2.0	BDL
trans-1,2-Dichloroethene	NE	1000	13000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	2340	27	67	5.5	BDL	BDL	0.53	0.61	38	35	38	BDL	BDL	BDL	110	120	110	110	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NE	1300	4200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	15750	1.6	52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1016	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1221	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1232	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1242	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1248	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1254	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL
Aroclor 1260	NE	NE	NE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	BDL	BDL	BDL

Notes:
BDL = Below Detection Limit
Bolding reflects criterion was exceeded
NA = Not Applicable
NE = No criterion currently exists for this compound
NM = Not Measured
NT = Not Tested
IGWVC= Newly proposed Industrial groundwater volatilization crite
RGWVC= Newly proposed Residential groundwater volatilization c
SWPC= surface water protection criteria
Blank cells under Standards columns indicates that this compoun
Dissolved metals analyses are filtered sample 0.45 micron

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-15 9/18/02	MP-15 12/2/02	MP-16 9/19/02	MP-16 12/3/02	HA-MW-1 7/16/02	HA-MW-1 9/18/02	HA-MW-1 12/3/02	HA-MW-2 7/16/02	HA-MW-2 9/18/02	HA-MW-2 12/3/02	HA-MW-3 7/16/02	HA-MW-3 9/18/02	HA-MW-3 12/3/02	HA-MW-4 7/16/02	HA-MW-4 9/19/02
Metals (mg/l)																		
Cadmium, Dissolved	0.006	NA	NA	BDL	BDL	BDL	BDL	BDL	0.036	0.027	BDL	BDL	BDL	0.013	0.016	0.016	BDL	BDL
Cadmium, Total	0.006	NA	NA	BDL	0.0051	BDL	BDL	0.011	0.033	0.023	BDL	0.0072	BDL	0.015	0.012	0.016	BDL	BDL
Copper, Dissolved	0.048	NA	NA	0.045	0.054	BDL	BDL	0.17	2.2	2.2	BDL	BDL	BDL	BDL	BDL	BDL	0.21	0.15
Copper, Total	0.048	NA	NA	0.052	0.24	0.13	0.11	0.44	2.1	2.4	0.029	BDL	BDL	BDL	BDL	BDL	0.22	0.15
Lead-Low Level, Dissolved	0.013	NA	NA	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Lead-Low Level, Total	0.013	NA	NA	BDL	BDL	0.0073	0.0066	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Nickel, Dissolved	0.88	NA	NA	0.060	0.075	0.036	0.063	0.23	1.1	1.1	0.016	BDL	BDL	BDL	BDL	BDL	0.048	0.024
Nickel, total	0.88	NA	NA	0.053	0.12	0.061	0.087	0.23	1.0	1.0	0.023	BDL	BDL	BDL	BDL	BDL	0.048	0.032
Zinc, Dissolved	0.123	NA	NA	0.17	0.21	0.13	0.31	2.0	8.1	7.2	0.13	0.13	0.11	0.017	0.026	0.025	0.36	0.30
Zinc, total	0.123	NA	NA	0.15	0.31	0.19	0.34	2.0	7.4	7.1	0.16	0.18	0.11	0.019	0.020	0.024	0.36	0.27
ETPH by GC/FID, Water	NA	NA	NA	BDL	BDL	BDL	BDL	5.9	3.8	4.6	4.3	5.0	4.4	20	11.6	14	2.1	0.43
LNAPL Thickness (ft.)	NA	NA	NA	none	none	NM	0.51	NM	0.34	0.06	none	none	none	film	film	0.19	none	none
Volatile Organic Compounds (#8260) (ug/l)																		
1,1,1,2-Tetrachloroethane		2	64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	62000	6500	16000	9.7	9.7	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane		1.8	54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane		220	2900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		3000	41000	1.4	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	NE	190	920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NE	360	4800	BDL	BDL	BDL	BDL	0.84	3.1	0.81	BDL	0.79	0.63	54	50	46	BDL	BDL
1,2-Dibromo-3-Chloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene		5100	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane		6.5	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane		7.4	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NE	280	3900	BDL	BDL	BDL	BDL	1.0	0.78	0.96	0.73	BDL	1.1	15	11	13	BDL	BDL
1,3-Dichlorobenzene		4300	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	NE	11	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene		1400	3400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	7.4	BDL	7.2	BDL	BDL
2-Butanone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-Pentanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5.5	BDL	BDL	15	5.6	30	BDL	BDL
Benzene	710	130	310	BDL	BDL	BDL	BDL	0.51	BDL	BDL	BDL	BDL	BDL	3.3	4.1	3.6	BDL	BDL
Bromobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	NE	2.3	73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	10800	75	2300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride		5.3	14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	MP-15 9/18/02	MP-15 12/2/02	MP-16 9/19/02	MP-16 12/3/02	HA-MW-1 7/16/02	HA-MW-1 9/18/02	HA-MW-1 12/3/02	HA-MW-2 7/16/02	HA-MW-2 9/18/02	HA-MW-2 12/3/02	HA-MW-3 7/16/02	HA-MW-3 9/18/02	HA-MW-3 12/3/02	HA-MW-4 7/16/02	HA-MW-4 9/19/02
Chlorobenzene		1800	23000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	NE	12000	29000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	14100	26	62	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	9.7	18
Chloromethane	NE	390	5500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	NE	830	11000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	1020			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NE	93	1200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	580000	2700	36000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	10	11	9.6	BDL	BDL
Hexachlorobutadiene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NE	2800	6800	BDL	BDL	BDL	BDL	11	11	11	3.6	4.8	5.0	3.1	3.3	2.8	BDL	BDL
m/p-Xylene		8700	48000	BDL	BDL	BDL	BDL	0.81	0.66	BDL	BDL	BDL	BDL	17	13	13	BDL	BDL
Methylene Chloride	48000	160	2200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.2	0.72
Methyl-tert-butyl-ether		21000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.85	1.7	BDL	BDL	BDL
Naphthalene	NE	NE	NE	BDL	BDL	BDL	BDL	110	63	49	1.9	1.5	4.5	39	24	23	BDL	0.60
n-Butylbenzene	NE	1500	21000	BDL	BDL	BDL	BDL	2.6	2.4	2.7	BDL	0.61	0.85	2.5	2.4	2.3	BDL	BDL
n-Propylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	11	9.2	11	1.5	2.1	2.4	3.8	4.1	3.4	BDL	BDL
o-Xylene	NE	8700	48000	BDL	BDL	BDL	BDL	BDL	0.62	0.55	BDL	BDL	BDL	7.6	5.4	5.7	BDL	BDL
p-Isopropyltoluene	NE	NE	NE	BDL	BDL	BDL	BDL	4.2	3.6	4.7	BDL	BDL	BDL	2.7	3.9	2.0	BDL	BDL
sec-Butylbenzene	NE	1500	20000	BDL	BDL	BDL	BDL	4.9	5.0	5.4	2.5	3.7	3.3	1.4	1.6	1.2	BDL	BDL
Styrene		3100	42000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	1.4	1.5	1.6	1.2	1.1	1.3	0.93	0.94	0.88	BDL	BDL
Tetrachloroethylene	88	340	810	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	4000000	7100	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	NE	1000	13000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	2340	27	67	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NE	1300	4200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	15750	1.6	52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Polychlorinated Biphenyls (ug/L)																		
Aroclor 1016	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1221	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1232	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1242	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1248	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1254	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Aroclor 1260	NE	NE	NE	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT

Notes:
BDL = Below Detection Limit
Bolding reflects criterion was exceeded
NA = Not Applicable
NE = No criterion currently exists for this compound
NM = Not Measured
NT = Not Tested
IGWVC= Newly proposed Industrial groundwater volatilization crite
RGWVC= Newly proposed Residential groundwater volatilization c
SWPC= surface water protection criteria
Blank cells under Standards columns indicates that this compoun
Dissolved metals analyses are filtered sample 0.45 micron

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	HA-MW-4	FB071502	FB071602	TB071502	TB071602	FB091702	FB091802	FB091902	TB091702	TB091802	TB091902	FB120202	FB120302	TB120202
				12/3/02	7/15/02	7/16/02	7/15/02	7/16/02	9/17/02	9/18/02	9/19/02	9/17/02	9/18/02	9/19/02	12/2/02	12/3/02	12/2/02
Metals (mg/l)																	
Cadmium, Dissolved	0.006	NA	NA	BDL	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Cadmium, Total	0.006	NA	NA	BDL	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Copper, Dissolved	0.048	NA	NA	0.22	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Copper, Total	0.048	NA	NA	0.21	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Lead-Low Level, Dissolved	0.013	NA	NA	BDL	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Lead-Low Level, Total	0.013	NA	NA	BDL	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Nickel, Dissolved	0.88	NA	NA	0.029	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Nickel, total	0.88	NA	NA	0.037	BDL	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
Zinc, Dissolved	0.123	NA	NA	0.34	0.01	BDL	NT	NT	BDL	BDL	BDL	NT	NT	NT	0.024	0.026	NT
Zinc, total	0.123	NA	NA	0.31	0.044	0.017	NT	NT	0.0074	0.0066	BDL	NT	NT	NT	0.023	0.029	NT
ETPH by GC/FID, Water	NA	NA	NA	0.75	BDL	0.36	NT	NT	BDL	BDL	BDL	NT	NT	NT	BDL	BDL	NT
LNAPL Thickness (ft.)	NA	NA	NA	none	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds (#8260) (ug/l)																	
1,1,1,2-Tetrachloroethane		2	64	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	62000	6500	16000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane		1.8	54	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane		220	2900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane		3000	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	NE	190	920	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloropropene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	NE	360	4800	0.60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromo-3-Chloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dibromoethane				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene		5100	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane		6.5	68	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane		7.4	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	NE	280	3900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene		4300	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichloropropane	NE	11	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene		1400	3400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,2-Dichloropropane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Butanone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chlorotoluene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Hexanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Chlorotoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4-Methyl-2-Pentanone	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone		50000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	710	130	310	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromobenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromochloromethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	NE	2.3	73	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	10800	75	2300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4
Bromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride		5.3	14	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

Table 3
Summary of Groundwater Analytical Results

	SWPC	RGWVC	IGWVC	HA-MW-4	FB071502	FB071602	TB071502	TB071602	FB091702	FB091802	FB091902	TB091702	TB091802	TB091902	FB120202	FB120302	TB120202
				12/3/02	7/15/02	7/16/02	7/15/02	7/16/02	9/17/02	9/18/02	9/19/02	9/17/02	9/18/02	9/19/02	12/2/02	12/3/02	12/2/02
Chlorobenzene		1800	23000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	NE	12000	29000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	14100	26	62	15	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	NE	390	5500	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	NE	830	11000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromochloromethane	1020			BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dibromomethane	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Dichlorodifluoromethane	NE	93	1200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	580000	2700	36000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Hexachlorobutadiene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Isopropylbenzene	NE	2800	6800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
m/p-Xylene		8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	48000	160	2200	1.8	BDL	BDL	BDL	BDL	8.7	BDL	BDL	BDL	BDL	BDL	0.57	0.62	BDL
Methyl-tert-butyl-ether		21000	50000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Naphthalene	NE	NE	NE	1.0	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Butylbenzene	NE	1500	21000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
n-Propylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
o-Xylene	NE	8700	48000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
p-Isopropyltoluene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
sec-Butylbenzene	NE	1500	20000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Styrene		3100	42000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
tert-Butylbenzene	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethylene	88	340	810	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	4000000	7100	41000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	NE	1000	13000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,3-Dichloropropene				BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	2340	27	67	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichlorofluoromethane	NE	1300	4200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	15750	1.6	52	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Polychlorinated Biphenyls (ug/L)																	
Aroclor 1016	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1221	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1232	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1242	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1248	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1254	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT
Aroclor 1260	NE	NE	NE	NT	BDL	BDL	NT	NT	NT	BDL	NT	NT	NT	NT	BDL	NT	NT

Notes:

BDL = Below Detection Limit

Bolding reflects criterion was exceeded

NA = Not Applicable

NE = No criterion currently exists for this compound

NM = Not Measured

NT = Not Tested

IGWVC= Newly proposed Industrial groundwater volatilization crite

RGWVC= Newly proposed Residential groundwater volatilization c

SWPC= surface water protection criteria

Blank cells under Standards columns indicates that this compoun

Dissolved metals analyses are filtered sample 0.45 micron

Waterbury Rolling Mills
Supplemental Phase III Investigation

Table 3A

Summary of Analytical Results
April 2005 Groundwater Sampling

Analyte	RGWVC	IGWVC	MP-28	MP-30	MP-31	MP-32	MP-33	MP-34	MP-35
Volatile Organic Compounds Method # 8260 (ug/L)									
1,1,1,2-Tetrachloroethane	2	64	<200	<50	<50	<100	<100	<1	<10
1,1,1-Trichloroethane	6500	16000	<200	<50	<50	<100	<100	<1	<10
1,1,2,2-Tetrachloroethane	1.8	54	<100	<25	<25	<50	<50	<0.5	<5
1,1,2-Trichloroethane	220	2900	<200	<50	<50	<100	<100	<1	<10
1,1-Dichloroethane	3000	41000	<200	<50	<50	<100	<100	<1	<10
1,1-Dichloropropene	NE	NE	<200	<50	<50	<100	<100	<1	<10
1,2,3-Trichlorobenzene	NE	NE	<200	<50	<50	<100	<100	<1	<10
1,2,3-Trichloropropane	NE	NE	<200	<50	<50	<100	<100	<1	<10
1,2,4-Trichlorobenzene	NE	NE	<200	<50	<50	<100	<100	<1	<10
1,2,4-Trimethylbenzene	360	4800	**2300**	**630**	**560**	**470**	<100	13	260
1,2-Dichlorobenzene	5100	50000	<200	<50	<50	<100	<100	<1	<10
1,2-Dichloroethane	6.5	68	<200	<50	<50	<100	<100	<1	<10
1,2-Dichloropropane	7.4	58	<200	<50	<50	<100	<100	<1	<10
1,3,5-Trimethylbenzene	280	3900	**800**	270	190	120	<100	2.3	65
1,3-Dichlorobenzene	4300	50000	<200	<50	<50	<100	<100	<1	<10
1,3-Dichloropropane	NE	NE	<200	<50	<50	<100	<100	<1	<10
1,4-Dichlorobenzene	1400	3400	<200	<50	<50	<100	<100	<1	<10
2,2-Dichloropropane	NE	NE	<200	<50	<50	<100	<100	<1	<10
2-Chlorotoluene	NE	NE	<200	<50	<50	<100	<100	<1	<10
4-Chlorotoluene	NE	NE	<200	<50	<50	<100	<100	<1	<10
Benzene	130	310	<200	<50	<50	<100	<100	1.2	<10
Bromobenzene	NE	NE	<200	<50	<50	<100	<100	<1	<10
Bromochloromethane	NE	NE	<200	<50	<50	<100	<100	<1	<10
Bromodichloromethane	2.3	73	<200	<50	<50	<100	<100	<1	<10
Bromoform	75	2300	<200	<50	<50	<100	<100	<1	<10
Bromomethane	NE	NE	<200	<50	<50	<100	<100	<1	<10
Carbon tetrachloride	5.3	14	<200	<50	<50	<100	<100	<1	<10
Chlorobenzene	1800	23000	<200	<50	<50	<100	<100	<1	<10
Chloroethane	12000	29000	<200	<50	<50	<100	<100	<1	<10
Chloroform	26	62	<200	<50	<50	<100	<100	<1	<10
Chloromethane	390	5500	<200	<50	<50	<100	<100	<1	<10
cis-1,2-Dichloroethene	830	11000	<200	<50	<50	<100	<100	<1	<10
cis-1,3-Dichloropropene	NE	NE	<100	<25	<25	<50	<50	<0.5	<5
Dibromochloromethane	NE	NE	<100	<25	<25	<50	<50	<0.5	<5
Dibromomethane	NE	NE	<200	<50	<50	<100	<100	<1	<10
Dichlorodifluoromethane	93	1200	<200	<50	<50	<100	<100	<1	<10
Ethylbenzene	2700	36000	250	50	<50	<100	<100	5	32
Hexachlorobutadiene	NE	NE	<200	<50	<50	<100	<100	<1	<10
Isopropylbenzene	2800	6800	<200	<50	<50	<100	<100	2.7	10
m&p-Xylene	NE	NE	970	180	63	<100	<100	1.5	150
Methyl t-butyl ether (MTBE)	21000	50000	<200	<50	<50	<100	<100	<1	<10
Methylene chloride	160	2200	<200	<50	<50	<100	<100	<1	<10
Naphthalene	NE	NE	2200	490	510	520	<100	85	330
n-Butylbenzene	1500	21000	270	62	63	<100	<100	1.4	<10
n-Propylbenzene	NE	NE	280	61	56	<100	<100	2.7	21
o-Xylene	NE	NE	300	110	<50	140	<100	2.1	34
p-Isopropyltoluene	1600	22000	<200	57	51	<100	<100	<1	20
sec-Butylbenzene	1500	20000	<200	<50	<50	<100	<100	1.2	<10
Styrene	3100	42000	<200	<50	<50	<100	<100	<1	<10
tert-Butylbenzene	NE	NE	<200	<50	<50	<100	<100	<1	<10
Tetrachloroethene	340	810	<200	<50	<50	<100	<100	<1	<10
Toluene	7100	41000	<200	<50	<50	<100	<100	<1	<10
Total Xylenes	8700	48000	1300	290	63	140	<50	3.6	180
trans-1,2-Dichloroethene	1000	13000	<200	<50	<50	<100	<100	<1	<10
trans-1,3-Dichloropropene	NE	NE	<100	<25	<25	<50	<50	<0.5	<5
Trichloroethene	27	67	<200	<50	<50	<100	<100	<1	<10
Trichlorofluoromethane	1300	4200	<200	<50	<50	<100	<100	<1	<10
Vinyl chloride	1.6	52	<200	<50	<50	<100	<100	<1	<10

RGWVC - Residential Groundwater Volatilization Criteria
IGWVC - Industrial / Commercial Groundwater Volatilization Criteria
Bold - Indicates Criterion was Exceeded
NE - None Exist
Green - CTDEP Proposed groundwater volatilization criteria

Waterbury Rolling Mills
Supplemental Phase III Investigation

Table 3A

Summary of Analytical Results
April 2005 Groundwater Sampling

Analyte	RGWVC	IGWVC	MP-36	MP-37	MP-38	MP-39	MP-40
Volatile Organic Compounds Method # 8260 (ug/L)							
1,1,1,2-Tetrachloroethane	2	64	<1	<1	<5	<1	<5
1,1,1-Trichloroethane	6500	16000	<1	<1	<5	<1	<5
1,1,2,2-Tetrachloroethane	1.8	54	<0.5	<0.5	<2.5	<0.5	<2.5
1,1,2-Trichloroethane	220	2900	<1	<1	<5	<1	<5
1,1-Dichloroethane	3000	41000	<1	<1	<5	<1	<5
1,1-Dichloropropene	NE	NE	<1	<1	<5	<1	<5
1,2,3-Trichlorobenzene	NE	NE	<1	<1	<5	<1	<5
1,2,3-Trichloropropane	NE	NE	<1	<1	<5	<1	<5
1,2,4-Trichlorobenzene	NE	NE	<1	<1	<5	<1	<5
1,2,4-Trimethylbenzene	360	4800	<1	5.3	<5	<1	100
1,2-Dichlorobenzene	5100	50000	<1	<1	<5	<1	<5
1,2-Dichloroethane	6.5	68	<1	<1	<5	<1	<5
1,2-Dichloropropane	7.4	58	<1	<1	<5	<1	<5
1,3,5-Trimethylbenzene	280	3900	<1	<1	<5	<1	32
1,3-Dichlorobenzene	4300	50000	<1	<1	<5	<1	<5
1,3-Dichloropropane	NE	NE	<1	<1	<5	<1	<5
1,4-Dichlorobenzene	1400	3400	<1	<1	<5	<1	<5
2,2-Dichloropropane	NE	NE	<1	<1	<5	<1	<5
2-Chlorotoluene	NE	NE	<1	<1	<5	<1	<5
4-Chlorotoluene	NE	NE	<1	<1	<5	<1	<5
Benzene	130	310	<1	9.6	<5	<1	21
Bromobenzene	NE	NE	<1	<1	<5	<1	<5
Bromochloromethane	NE	NE	<1	<1	<5	<1	<5
Bromodichloromethane	2.3	73	<1	<1	<5	<1	<5
Bromoform	75	2300	<1	<1	<5	<1	<5
Bromomethane	NE	NE	<1	<1	<5	<1	<5
Carbon tetrachloride	5.3	14	<1	<1	<5	<1	<5
Chlorobenzene	1800	23000	<1	<1	<5	<1	<5
Chloroethane	12000	29000	<1	<1	<5	<1	<5
Chloroform	26	62	<1	<1	<5	<1	<5
Chloromethane	390	5500	<1	<1	<5	<1	<5
cis-1,2-Dichloroethene	830	11000	<1	<1	<5	<1	<5
cis-1,3-Dichloropropene	NE	NE	<0.5	<0.5	<2.5	<0.5	<2.5
Dibromochloromethane	NE	NE	<0.5	<0.5	<2.5	<0.5	<2.5
Dibromomethane	NE	NE	<1	<1	<5	<1	<5
Dichlorodifluoromethane	93	1200	<1	<1	<5	<1	<5
Ethylbenzene	2700	36000	<1	<1	<5	<1	55
Hexachlorobutadiene	NE	NE	<1	<1	<5	<1	<5
Isopropylbenzene	2800	6800	<1	2.5	<5	3.2	6.8
m&p-Xylene	NE	NE	<1	<1	<5	<1	120
Methyl t-butyl ether (MTBE)	21000	50000	<1	<1	<5	<1	<5
Methylene chloride	160	2200	<1	<1	<5	<1	<5
Naphthalene	NE	NE	<1	15	9.2	14	65
n-Butylbenzene	1500	21000	<1	<1	<5	<1	<5
n-Propylbenzene	NE	NE	<1	1.2	<5	2.8	7.8
o-Xylene	NE	NE	<1	3.6	<5	<1	5.7
p-Isopropyltoluene	1600	22000	<1	<1	<5	<1	<5
sec-Butylbenzene	1500	20000	<1	<1	<5	2	<5
Styrene	3100	42000	<1	<1	<5	<1	<5
tert-Butylbenzene	NE	NE	<1	<1	<5	1.1	<5
Tetrachloroethene	340	810	<1	<1	<5	<1	<5
Toluene	7100	41000	<1	<1	<5	<1	<5
Total Xylenes	8700	48000	<0.5	3.6	<2.5	<0.5	130
trans-1,2-Dichloroethene	1000	13000	<1	<1	<5	<1	<5
trans-1,3-Dichloropropene	NE	NE	<0.5	<0.5	<2.5	<0.5	<2.5
Trichloroethene	27	67	<1	<1	<5	<1	<5
Trichlorofluoromethane	1300	4200	<1	<1	<5	<1	<5
Vinyl chloride	1.6	52	<1	<1	<5	<1	<5

RGWVC - Residential Groundwater Volatilization Criteria
IGWVC - Industrial / Commercial Groundwater Volatilization Criteri
Bold - Indicates Criterion was Exceeded
NE - None Exist
Green - CTDEP Proposed groundwater volatilization criteria

Waterbury Rolling Mills, Inc.
Waterbury, Connecticut

Table 4

ITEM #	Human Exposures Environmental Indicators CA-725	Use or presence of Volatile Organic Compounds (VOCs) associated with ITEM # (Yes/No)	Source of VOCs		VOC Release to Environment? (Yes / No / Unknown)	Comments
			Fuel Storage / Process Related	Waste Storage		
	Solid Waste Management Units					
1	Former outside drum storage area	Yes		X	No	Go To SWMU ITEM # 1 Table 5
2	Baghouse storage area	No				No VOC concerns per this ITEM #
3	PCB storage shed	No				No VOC concerns per this ITEM #
4	Griset mill satellite storage	No				No VOC concerns per this ITEM #
5	Wastewater treatment system/discharge	No				No VOC concerns per this ITEM #
6	Primary waste storage area	No				No VOC concerns per this ITEM #
7	Secondary waste storage area	No				No VOC concerns per this ITEM #
8	Former surface impoundment area	No				No VOC concerns per this ITEM #
9	Exhaust condensate collection system from annealing furnaces	No				No VOC concerns per this ITEM #
10	Metal hydroxide sludge roll off	No				No VOC concerns per this ITEM #
11	Scrap concrete/firebrick and metal roll off	No				No VOC concerns per this ITEM #
12	Oily sweeps roll off	No				No VOC concerns per this ITEM #
13	Historic landfill area	No				No VOC concerns per this ITEM #
14	Former hazardous waste storage area	No				No VOC concerns per this ITEM #
15	Former waste oil AST	No				No VOC concerns per this ITEM #
	Areas of Concern					
1	Former sulfuric acid storage	No				No VOC concerns per this ITEM #
2	Sulfuric acid spill area	No				No VOC concerns per this ITEM #
3	Former tanks by accounting office building	Yes (gasoline tank only)	X		Yes	Go To AOC ITEM # 3 Table 5
4	Former tanks near maintenance area	No				No VOC concerns per this ITEM #
5	Parts washers (4)	Yes	X		No	Go To AOC ITEM #5 Table 5
6	Virgin oil storage (grinding shop)	No				No VOC concerns per this ITEM #
7	Virgin oil storage (production bldg.)	No				No VOC concerns per this ITEM #
8	Above ground storage tank (AST) in office building	No				No VOC concerns per this ITEM #
9	Diesel AST for 400kw emergency generator outside baghouse area	No				No VOC concerns per this ITEM #
10	No. 2 fuel oil AST for boiler	No				No VOC concerns per this ITEM #
11	Four former tanks near railroad tracks	No				No VOC concerns per this ITEM #
12	Transformers	No				No VOC concerns per this ITEM #
13a	Fuel oil underground storage tank (F8, not found)	No				No VOC concerns per this ITEM #
13b	Former 4,000 gallon diesel/gasoline tank	Yes	X		Yes	Go to AOC ITEM # 13b Table 5
	NCAPS					
1	Metal Hydroxide Sludge Lagoon	No				No VOC concerns per this ITEM #
2	Hazardous Waste Storage Shed	No				No VOC concerns per this ITEM #
3	Former Waste Oil Storage Tank (7,500 gallon)	No				No VOC concerns per this ITEM #
4	Pickling Line	No				No VOC concerns per this ITEM #
5	Waste Water Treatment System	No				No VOC concerns per this ITEM #
6	Baghouse Storage Area	No				No VOC concerns per this ITEM #
7	Furnaces	No				No VOC concerns per this ITEM #
8	Waste Storage AST (550 gallon)	No				No VOC concerns per this ITEM #
9	Rolling Mills	No				No VOC concerns per this ITEM #
10	Slitting Rooms	No				No VOC concerns per this ITEM #
11	Furnace Oil Spill Area (Stain)	No				No VOC concerns per this ITEM #
12	Machine Shop	Yes	X		No	Go to NCAP ITEM # 12 Table 5
13	Drum Storage Areas	No				No VOC concerns per this ITEM #
14	PCB Storage Area	No				No VOC concerns per this ITEM #

Waterbury Rolling Mills, Inc.
Waterbury, Connecticut

Table 5

ITEM #	Release	INSIDE			OUTSIDE					VOC Residues Present in Soils? per ITEM # (Yes / No / Unknown)
		CONTAINER / VESSEL		AREA/ZONE	CONTAINER / VESSEL		AREA/ZONE	IN USE	NOT IN USE	
		GRADE	BELOW GRADE		GRADE	BELOW GRADE				
	Solid Waste Management Units									
1	Former outside drum storage area						X	X		No
	Areas of Concern									
3	Former tanks by accounting office building					X			X	Yes
5	Parts washers (4)	X						X		No
13b	Former 4,000 gallon diesel/gasoline tank					X			X	Yes
	NCAPS									
12	Machine Shop (refers to parts washer in the maintenance area)	X						X		No

ITEM #	Release	Potential for Migration of VOC to Indoor Ambient Air? per ITEM # (Yes / No / Unknown)	Area Remediated? or Further Investigation Required?
	Solid Waste Management Units		
1	Former outside drum storage area	No	Groundwater related to this area will be characterized for VOCs in July 2002, under the Connecticut Property Transfer Law.
	Areas of Concern		
3	Former tanks by accounting office building	No	Trace concentrations of BTEX constituents at 10-12 feet below grade in soil below risk based levels
5	Parts washers (4)	No	A 'one time' spill of the parts washer solvent located in the maintenance area onto the concrete floor was immediately remediated.
13b	Former 4,000 gallon diesel/gasoline tank	No	This area was investigated during the Phase III investigation and concentrations of VOC in shallow groundwater were below applicable criteria.
	NCAPS		
12	Machine Shop (refers to parts washer in the maintenance area)	No	A 'one time' spill of the parts washer solvent located in the maintenance area onto the concrete floor was immediately remediated.

Notes:
Grade indicates earth surface elevation or lowest interior flooring elevation
"In Use" means if the area in question has trained employees working at that location

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria	New AREV Wells Installed by WRM						Pre-existing AREV Wells 237 East Aurora Street				
		B1-MW	B1-MW	B1-MW	B14-MW	B14-MW	B14-MW	MW-3	MW-3	MW-6	MW-6	MW-7
		12/16/2003	2004/02/24	2004/04/21	12/16/2003	2004/02/25	2004/04/21	2004/02/24	2004/04/23	2004/02/24	2004/04/23	2004/02/24
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
1,1,1,2-Tetrachloroethane	2	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,1,1-Trichloroethane	6500	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,1,2,2-Tetrachloroethane	1.8	<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	220	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,1-Dichloroethane	3000	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,1-Dichloroethene	190	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,1-Dichloropropene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2,3-Trichlorobenzene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2,3-Trichloropropane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2,4-Trichlorobenzene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2,4-Trimethylbenzene	360	<1.0	<1.0	<1	12	<1	<1	21	28	2.9	1.9	1.8
1,2-Dibromo-3-chloropropane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2-Dibromoethane	0.3	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2-Dichlorobenzene	5100	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2-Dichloroethane	6.5	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,2-Dichloropropane	7.4	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,3,5-Trimethylbenzene	280	<1.0	<1.0	<1	<1.0	<1	1	<1.0	<5	<1.0	<1	<1.0
1,3-Dichlorobenzene	4300	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,3-Dichloropropane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
1,4-Dichlorobenzene	1400	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
2,2-Dichloropropane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
2-Chlorotoluene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
4-Chlorotoluene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Benzene	130	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	1	<1	1
Bromobenzene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Bromochloromethane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Bromodichloromethane	2.3	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Bromoform	75	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Bromomethane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Carbon tetrachloride	5.3	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Chlorobenzene	1800	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Chloroethane	12000	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Chloroform	26	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Chloromethane	390	<1.0	<1.0	<1	<1.0	<1	<1	4.6	<5	<1.0	<1	<1.0
cis-1,2-Dichloroethene	830	<1.0	<1.0	<1	<1.0	<1	<1	<0.5	<2	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene		<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Dibromochloromethane		<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria	New AREV Wells Installed by WRM						Pre-existing AREV Wells 237 East Aurora Street				
		B1-MW	B1-MW	B1-MW	B14-MW	B14-MW	B14-MW	MW-3	MW-3	MW-6	MW-6	MW-7
		12/16/2003	2004/02/24	2004/04/21	12/16/2003	2004/02/25	2004/04/21	2004/02/24	2004/04/23	2004/02/24	2004/04/23	2004/02/24
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
Dibromomethane		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Dichlorodifluoromethane	**93**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Ethylbenzene	**2700**	<1.0	<1.0	<1	<1.0	<1	<1	9.5	11	<1.0	<1	<1.0
Hexachlorobutadiene		<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Isopropylbenzene		<1.0	<1.0	<1	4.9	4.8	3.5	10	10	9.5	7.9	15
Methyl tert-butyl ether (MTBE)	**21000**	<2.0	<1.0	<1	<2.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Methylene chloride	**160**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Naphthalene		1.5	<1.0	1.3	30	<1	5.6	<1.0	15	37	16	76
n-Butylbenzene	**1500**	<1.0	<1.0	<1	2.3	<1	0.9	4.9	<5	3.2	2.3	5.9
n-Propylbenzene		<1.0	<1.0	<1	2.5	<1	<1	14	13	10	7.7	18
p-Isopropyltoluene		<1.0	<1.0	<1	<1.0	<1	<1	4.2	<5	<1.0	<1	<1.0
sec-Butylbenzene	**1500**	<1.0	<1.0	<1	4.7	4.3	3.2	4.9	<5	4.9	4	6.5
Styrene	**3100**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
tert-Butylbenzene		<1.0	<1.0	<1	<1.0	1.2	1.1	1.5	<5	1.6	1.2	1.8
Tetrachloroethene	**340**	<1.0	<1.0	<1	<1.0	<1	<1	1.6	<5	<1.0	<1	<1.0
Toluene	**7100**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
trans-1,2-Dichloroethene	**1000**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
trans-1,3-Dichloropropene		<1.0	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<2	<0.5	<0.5	<0.5
Trichloroethene	**27**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Trichlorofluoromethane	**1300**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Vinyl chloride	**1.6**	<1.0	<1.0	<1	<1.0	<1	<1	<1.0	<5	<1.0	<1	<1.0
Xylenes, Total	**8700**		<1.0	<1		<1	<1	<1.0	<5	<1.0	<1	<1.0

NT= Not Tested
blank criteria cell indicates no criteria adopted
RGWVC = Residential Groundwater Volatilization Criteria for all groundwater within 30 feet of the ground surface or a building (Proposed Revisions, Connecticut Remediation Standard Regulations Volatilization Criteria, March 2003)
NA=Not Applicable

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria	Pre-existing AREV Wells 237 East Aurora Street										
		MW-7	MW-8	MW-8	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-14	MW-14
		2004/04/23	2004/02/25	2004/04/23	2004/02/25	2004/04/23	2004/02/24	2004/04/21	2004/02/24	2004/04/23	2004/02/25	2004/04/23
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
1,1,1,2-Tetrachloroethane	2	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,1,1-Trichloroethane	6500	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,1,2,2-Tetrachloroethane	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	220	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,1-Dichloroethane	3000	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,1-Dichloroethene	190	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,1-Dichloropropene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2,3-Trichlorobenzene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2,3-Trichloropropane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2,4-Trichlorobenzene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2,4-Trimethylbenzene	360	<1	2.1	<1	<1	<1	<1.0	<10	2.8	<1	15	1.6
1,2-Dibromo-3-chloropropane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2-Dibromoethane	0.3	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2-Dichlorobenzene	5100	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2-Dichloroethane	6.5	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,2-Dichloropropane	7.4	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,3,5-Trimethylbenzene	280	<1	<1	<1	1	1.5	<1.0	<10	<1.0	<1	1.3	<1
1,3-Dichlorobenzene	4300	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,3-Dichloropropane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
1,4-Dichlorobenzene	1400	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
2,2-Dichloropropane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
2-Chlorotoluene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
4-Chlorotoluene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Benzene	130	<1	<1	<1	1.4	1	<1.0	<10	2	<1	<1	<1
Bromobenzene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Bromochloromethane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Bromodichloromethane	2.3	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Bromoform	75	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Bromomethane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Carbon tetrachloride	5.3	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Chlorobenzene	1800	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Chloroethane	12000	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Chloroform	26	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Chloromethane	390	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
cis-1,2-Dichloroethene	830	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
cis-1,3-Dichloropropene		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria	Pre-existing AREV Wells 237 East Aurora Street										
		MW-7	MW-8	MW-8	MW-9	MW-9	MW-10	MW-10	MW-11	MW-11	MW-14	MW-14
		2004/04/23	2004/02/25	2004/04/23	2004/02/25	2004/04/23	2004/02/24	2004/04/21	2004/02/24	2004/04/23	2004/02/25	2004/04/23
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
Dibromomethane		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Dichlorodifluoromethane	93	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Ethylbenzene	2700	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Hexachlorobutadiene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Isopropylbenzene		14	7.6	8.3	14	12	5.5	<10	10	<1	1.3	<1
Methyl tert-butyl ether (MTBE)	21000	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Methylene chloride	160	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Naphthalene		66	<1	21	<1	5.6	<1.0	<10	31	1.9	24	2.9
n-Butylbenzene	1500	5.5	2.6	1.7	5.4	4.4	2.6	<10	2.2	<1	<1	<1
n-Propylbenzene		17	7.5	4.9	17	14	3.3	<10	5	<1	1.5	<1
p-Isopropyltoluene		<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
sec-Butylbenzene	1500	5.7	3.9	4.2	5.7	4.8	4.7	<10	4.8	<1	<1	<1
Styrene	3100	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
tert-Butylbenzene		1.6	1.4	1.4	1.8	1.5	1.8	<10	1.4	<1	<1	<1
Tetrachloroethene	340	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Toluene	7100	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
trans-1,2-Dichloroethene	1000	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
trans-1,3-Dichloropropene		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5
Trichloroethene	27	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Trichlorofluoromethane	1300	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Vinyl chloride	1.6	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1
Xylenes, Total	8700	<1	<1	<1	<1	<1	<1.0	<10	<1.0	<1	<1	<1

NT= Not Tested
blank criteria cell indicates no criteria adopted
RGWVC = Residential Groundwater Volatilization Criteria for all groundwater within 30 feet of the ground surface or a buildi
(Proposed Revisions, Connecticut Remediation Standard Regulations Volatilization Criteria, March 2003)
NA=Not Applicable

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria			Albert Brothers Wells		WRM Wells 240 East Aurora Street						
		MW-15	MW-15	MW-A	MW-A	HA-3MW	HA-3MW	HA-4MW	HA-4MW	MP-17	MP-17	MP-18
		2004/02/25	2004/04/21	2004/02/24	2004/04/23	2004/02/26	2004/04/27	2004/02/25	2004/04/21	2004/02/26	2004/04/27	2004/02/26
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
1,1,1,2-Tetrachloroethane	2	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,1,1-Trichloroethane	6500	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,1,2,2-Tetrachloroethane	1.8	<0.5	<10	<0.5	<0.5	NT	<5	NT	<5	NT	<5	NT
1,1,2-Trichloroethane	220	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,1-Dichloroethane	3000	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,1-Dichloroethene	190	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,1-Dichloropropene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2,3-Trichlorobenzene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2,3-Trichloropropane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2,4-Trichlorobenzene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2,4-Trimethylbenzene	360	1.2	<20	<1.0	<1	NT	29	NT	<5	NT	<5	NT
1,2-Dibromo-3-chloropropane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2-Dibromoethane	0.3	<1	<20	<1.0	<1	NT		NT		NT		NT
1,2-Dichlorobenzene	5100	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2-Dichloroethane	6.5	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,2-Dichloropropane	7.4	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,3,5-Trimethylbenzene	280	<1	<20	<1.0	<1	NT	9.2	NT	<5	NT	<5	NT
1,3-Dichlorobenzene	4300	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,3-Dichloropropane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
1,4-Dichlorobenzene	1400	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
2,2-Dichloropropane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
2-Chlorotoluene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
4-Chlorotoluene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Benzene	130	<1	<20	1.9	<1	NT	<5	NT	<5	NT	<5	NT
Bromobenzene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Bromochloromethane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Bromodichloromethane	2.3	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Bromoform	75	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Bromomethane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Carbon tetrachloride	5.3	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Chlorobenzene	1800	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Chloroethane	12000	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Chloroform	26	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Chloromethane	390	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
cis-1,2-Dichloroethene	830	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
cis-1,3-Dichloropropene		<0.5	<10	<0.5	<0.5	NT	<5	NT	<5	NT	<5	NT
Dibromochloromethane		<0.5	<10	<0.5	<0.5	NT	<5	NT	<5	NT	<5	NT

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria			Albert Brothers Wells		WRM Wells 240 East Aurora Street						
		MW-15	MW-15	MW-A	MW-A	HA-3MW	HA-3MW	HA-4MW	HA-4MW	MP-17	MP-17	MP-18
		2004/02/25	2004/04/21	2004/02/24	2004/04/23	2004/02/26	2004/04/27	2004/02/25	2004/04/21	2004/02/26	2004/04/27	2004/02/26
Volatile Organic Compounds (ug/l) Method 8260												
	RGWVC											
Dibromomethane		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Dichlorodifluoromethane	93	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Ethylbenzene	2700	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Hexachlorobutadiene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Isopropylbenzene		6.6	<20	7.1	4.7	NT	<5	NT	<5	NT	<5	NT
Methyl tert-butyl ether (MTBE)	21000	<1	<20	<1.0	<1	NT	<10	NT	<10	NT	<10	NT
Methylene chloride	160	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Naphthalene		12	<20	2.1	6.1	NT	39	NT	<5	NT	11	NT
n-Butylbenzene	1500	2.5	<20	1.3	<1	NT	<5	NT	<5	NT	<5	NT
n-Propylbenzene		6.2	<20	<1.0	1	NT	<5	NT	<5	NT	<5	NT
p-Isopropyltoluene		<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
sec-Butylbenzene	1500	3.2	<20	4.3	2.5	NT	<5	NT	<5	NT	<5	NT
Styrene	3100	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
tert-Butylbenzene		1	<20	1.2	<1	NT	<5	NT	<5	NT	<5	NT
Tetrachloroethene	340	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Toluene	7100	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
trans-1,2-Dichloroethene	1000	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
trans-1,3-Dichloropropene		<0.5	<10	<0.5	<0.5	NT	<5	NT	<5	NT	<5	NT
Trichloroethene	27	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Trichlorofluoromethane	1300	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Vinyl chloride	1.6	<1	<20	<1.0	<1	NT	<5	NT	<5	NT	<5	NT
Xylenes, Total	8700	<1	<20	<1.0	<1	NT	8.3	NT	<5	NT	<5	NT

NT= Not Tested
blank criteria cell indicates no criteria adopted
RGWVC = Residential Groundwater Volatilization Criteria for
all groundwater within 30 feet of the ground surface or a buildi
(Proposed Revisions, Connecticut Remediation Standard
Regulations Volatilization Criteria, March 2003)
NA=Not Applicable

Table 6
Offsite Groundwater Migration Evaluation

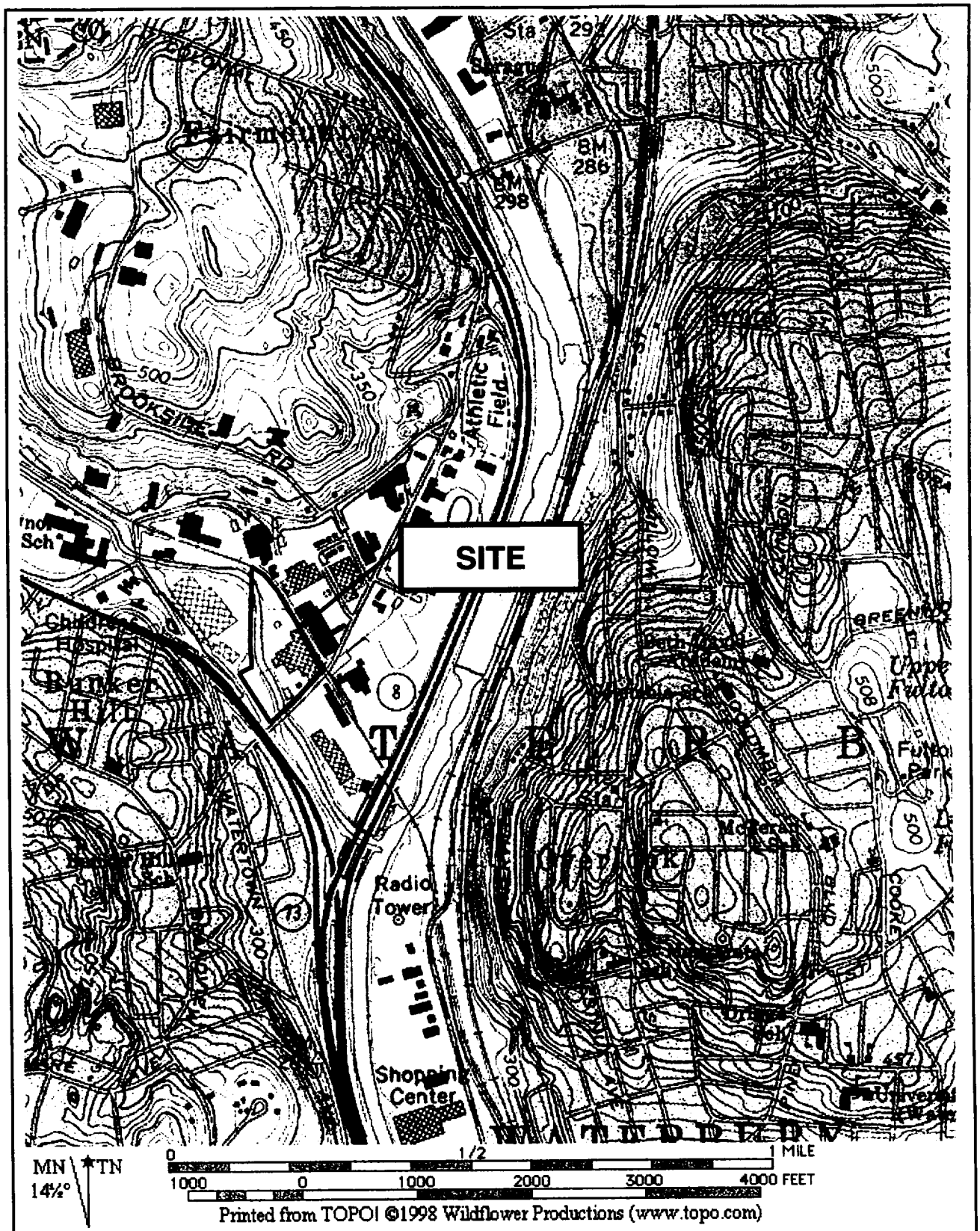
Analysis	Applicable Criteria	WRM Wells 240 East Aurora Street						
		MP-18	MP-19	MP-19	MP-20	MP-20	MP-21	MP-21
		2004/04/27	2004/02/26	2004/04/21	2004/02/26	2004/04/21	2004/02/25	2004/04/21
Volatile Organic Compounds (ug/l) Method 8260								
	RGWVC							
1,1,1,2-Tetrachloroethane	2	<5	NT	<100	NT	<5	NT	<5
1,1,1-Trichloroethane	6500	<5	NT	<100	NT	<5	NT	<5
1,1,2,2-Tetrachloroethane	1.8	<5	NT	<100	NT	<5	NT	<5
1,1,2-Trichloroethane	220	<5	NT	<100	NT	<5	NT	<5
1,1-Dichloroethane	3000	<5	NT	<100	NT	<5	NT	<5
1,1-Dichloroethene	190	<5	NT	<100	NT	<5	NT	<5
1,1-Dichloropropene		<5	NT	<100	NT	<5	NT	<5
1,2,3-Trichlorobenzene		<5	NT	<100	NT	<5	NT	<5
1,2,3-Trichloropropane		<5	NT	<100	NT	<5	NT	<5
1,2,4-Trichlorobenzene		<5	NT	<100	NT	<5	NT	<5
1,2,4-Trimethylbenzene	360	<5	NT	<100	NT	<5	NT	<5
1,2-Dibromo-3-chloropropane		<5	NT	<100	NT	<5	NT	<5
1,2-Dibromoethane	0.3		NT		NT		NT	
1,2-Dichlorobenzene	5100	<5	NT	<100	NT	<5	NT	<5
1,2-Dichloroethane	6.5	<5	NT	<100	NT	<5	NT	<5
1,2-Dichloropropane	7.4	<5	NT	<100	NT	<5	NT	<5
1,3,5-Trimethylbenzene	280	<5	NT	<100	NT	<5	NT	<5
1,3-Dichlorobenzene	4300	<5	NT	<100	NT	<5	NT	<5
1,3-Dichloropropane		<5	NT	<100	NT	<5	NT	<5
1,4-Dichlorobenzene	1400	<5	NT	<100	NT	<5	NT	<5
2,2-Dichloropropane		<5	NT	<100	NT	<5	NT	<5
2-Chlorotoluene		<5	NT	<100	NT	<5	NT	<5
4-Chlorotoluene		<5	NT	<100	NT	<5	NT	<5
Benzene	130	<5	NT	<100	NT	<5	NT	<5
Bromobenzene		<5	NT	<100	NT	<5	NT	<5
Bromochloromethane		<5	NT	<100	NT	<5	NT	<5
Bromodichloromethane	2.3	<5	NT	<100	NT	<5	NT	<5
Bromoform	75	<5	NT	<100	NT	<5	NT	<5
Bromomethane		<5	NT	<100	NT	<5	NT	<5
Carbon tetrachloride	5.3	<5	NT	<100	NT	<5	NT	<5
Chlorobenzene	1800	<5	NT	<100	NT	<5	NT	<5
Chloroethane	12000	<5	NT	<100	NT	<5	NT	<5
Chloroform	26	<5	NT	<100	NT	<5	NT	<5
Chloromethane	390	<5	NT	<100	NT	<5	NT	<5
cis-1,2-Dichloroethene	830	<5	NT	<100	NT	<5	NT	<5
cis-1,3-Dichloropropene		<5	NT	<100	NT	<5	NT	<5
Dibromochloromethane		<5	NT	<100	NT	<5	NT	<5

Table 6
Offsite Groundwater Migration Evaluation

Analysis	Applicable Criteria	WRM Wells 240 East Aurora Street						
		MP-18	MP-19	MP-19	MP-20	MP-20	MP-21	MP-21
		2004/04/27	2004/02/26	2004/04/21	2004/02/26	2004/04/21	2004/02/25	2004/04/21
Volatile Organic Compounds (ug/l) Method 8260								
	RGWVC							
Dibromomethane		<5	NT	<100	NT	<5	NT	<5
Dichlorodifluoromethane	93	<5	NT	<100	NT	<5	NT	<5
Ethylbenzene	2700	<5	NT	<100	NT	<5	NT	<5
Hexachlorobutadiene		<5	NT	<100	NT	<5	NT	<5
Isopropylbenzene		<5	NT	<100	NT	<5	NT	<5
Methyl tert-butyl ether (MTBE)	21000	<10	NT	<200	NT	<10	NT	<10
Methylene chloride	160	<5	NT	<100	NT	<5	NT	<5
Naphthalene		22	NT	<100	NT	<5	NT	<5
n-Butylbenzene	1500	<5	NT	<100	NT	<5	NT	<5
n-Propylbenzene		<5	NT	<100	NT	<5	NT	<5
p-Isopropyltoluene		<5	NT	<100	NT	<5	NT	<5
sec-Butylbenzene	1500	<5	NT	<100	NT	<5	NT	<5
Styrene	3100	<5	NT	<100	NT	<5	NT	<5
tert-Butylbenzene		<5	NT	<100	NT	<5	NT	<5
Tetrachloroethene	340	<5	NT	<100	NT	<5	NT	<5
Toluene	7100	<5	NT	<100	NT	<5	NT	<5
trans-1,2-Dichloroethene	1000	<5	NT	<100	NT	<5	NT	<5
trans-1,3-Dichloropropene		<5	NT	<100	NT	<5	NT	<5
Trichloroethene	27	<5	NT	<100	NT	<5	NT	<5
Trichlorofluoromethane	1300	<5	NT	<100	NT	<5	NT	<5
Vinyl chloride	1.6	<5	NT	<100	NT	<5	NT	<5
Xylenes, Total	8700	<5	NT	<100	NT	<5	NT	<5

NT= Not Tested
blank criteria cell indicates no criteria adopted
RGWVC = Residential Groundwater Volatilization Criteria for all groundwater within 30 feet of the ground surface or a buildi
(Proposed Revisions, Connecticut Remediation Standard Regulations Volatilization Criteria, March 2003)
NA=Not Applicable

Appendix C
Figures



MALCOLM PIRNIE

WATERBURY ROLLING MILLS INCORPORATED
WATERBURY, CONNECTICUT

SITE LOCATION MAP

FIGURE 1

US EPA New England
RCRA Document Management System
Image Target Sheet

RDMS Document ID # 102767

Facility Name: Waterbury Rolling Mills

Facility ID#: CTD001164607

Phase Classification: R-13

Purpose of Target Sheet:

[X] **Oversized** (in Site File) [ ] **Oversized** (in Map Drawer)

[ ] **Page(s) Missing** (Please Specify Below)

[ ] **Potential FOIA Exempt** [ ] **Other** (Please Provide Purpose Below)

Description of Oversized Material, if applicable:

Figure 2: Site Plan August 2003

[X] **Map** [ ] **Photograph** [ ] **Other** (Please Specify Below)

*** Please Contact the EPA New England RCRA Records Center to View This Document ***

US EPA New England
RCRA Document Management System
Image Target Sheet

RDMS Document ID # 102767

Facility Name: Waterbury Rolling Mills

Facility ID#: CTD001164607

Phase Classification: R-13

Purpose of Target Sheet:

[X] **Oversized** (in Site File) [ ] **Oversized** (in Map Drawer)

[ ] **Page(s) Missing** (Please Specify Below)

[ ] **Potential FOIA Exempt** [ ] **Other** (Please Provide Purpose Below)

Description of Oversized Material, if applicable:

Figure 2a: Supplemental Investigation Site Plan July 2005

[X] **Map** [ ] **Photograph** [ ] **Other** (Please Specify Below)

*** Please Contact the EPA New England RCRA Records Center to View This Document ***

US EPA New England
RCRA Document Management System
Image Target Sheet

RDMS Document ID # 102767

Facility Name: Waterbury Rolling Mills

Facility ID#: CTD001164607

Phase Classification: R-13

Purpose of Target Sheet:

[X] **Oversized** (in Site File) [ ] **Oversized** (in Map Drawer)

[ ] **Page(s) Missing** (Please Specify Below)

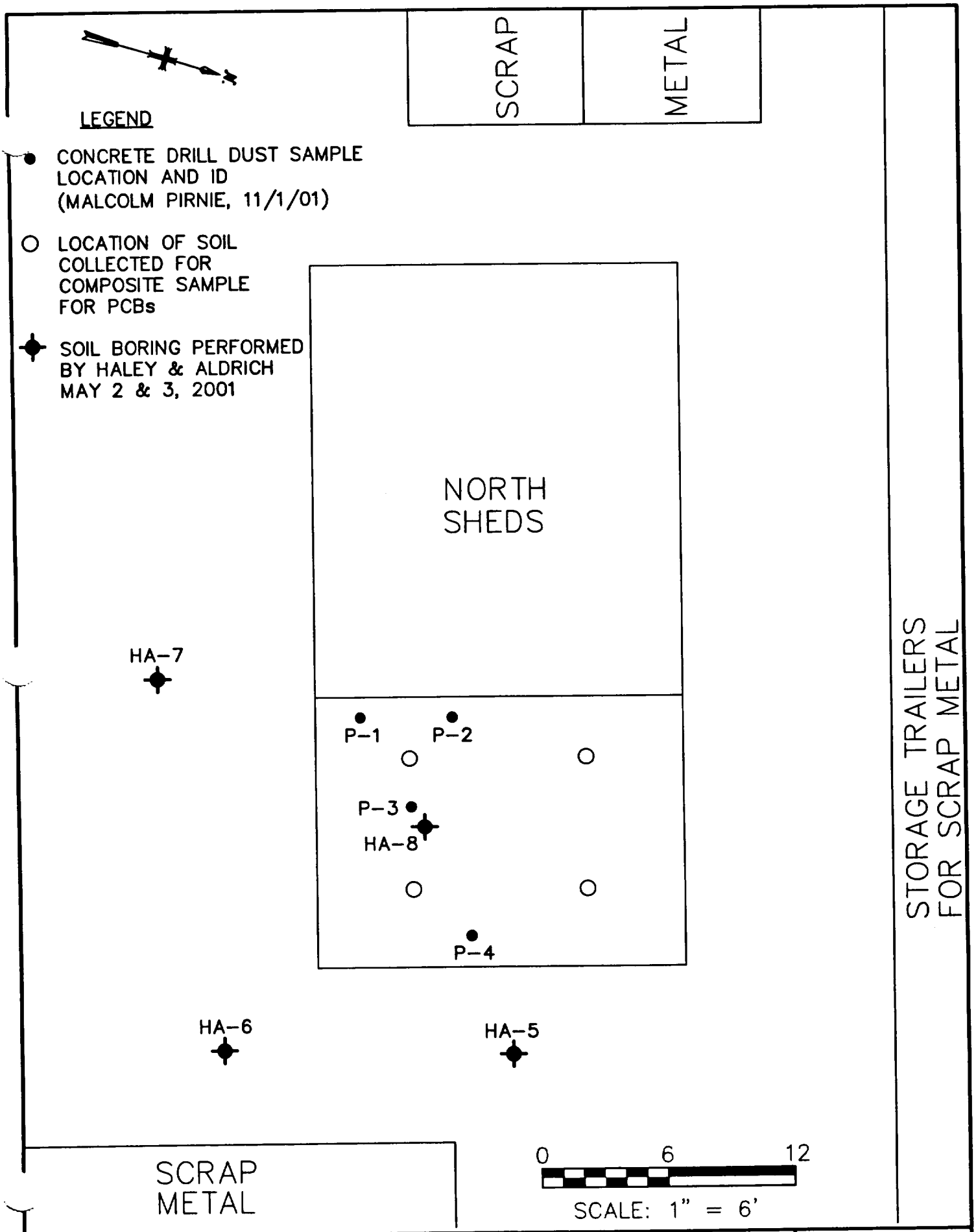
[ ] **Potential FOIA Exempt** [ ] **Other** (Please Provide Purpose Below)

Description of Oversized Material, if applicable:

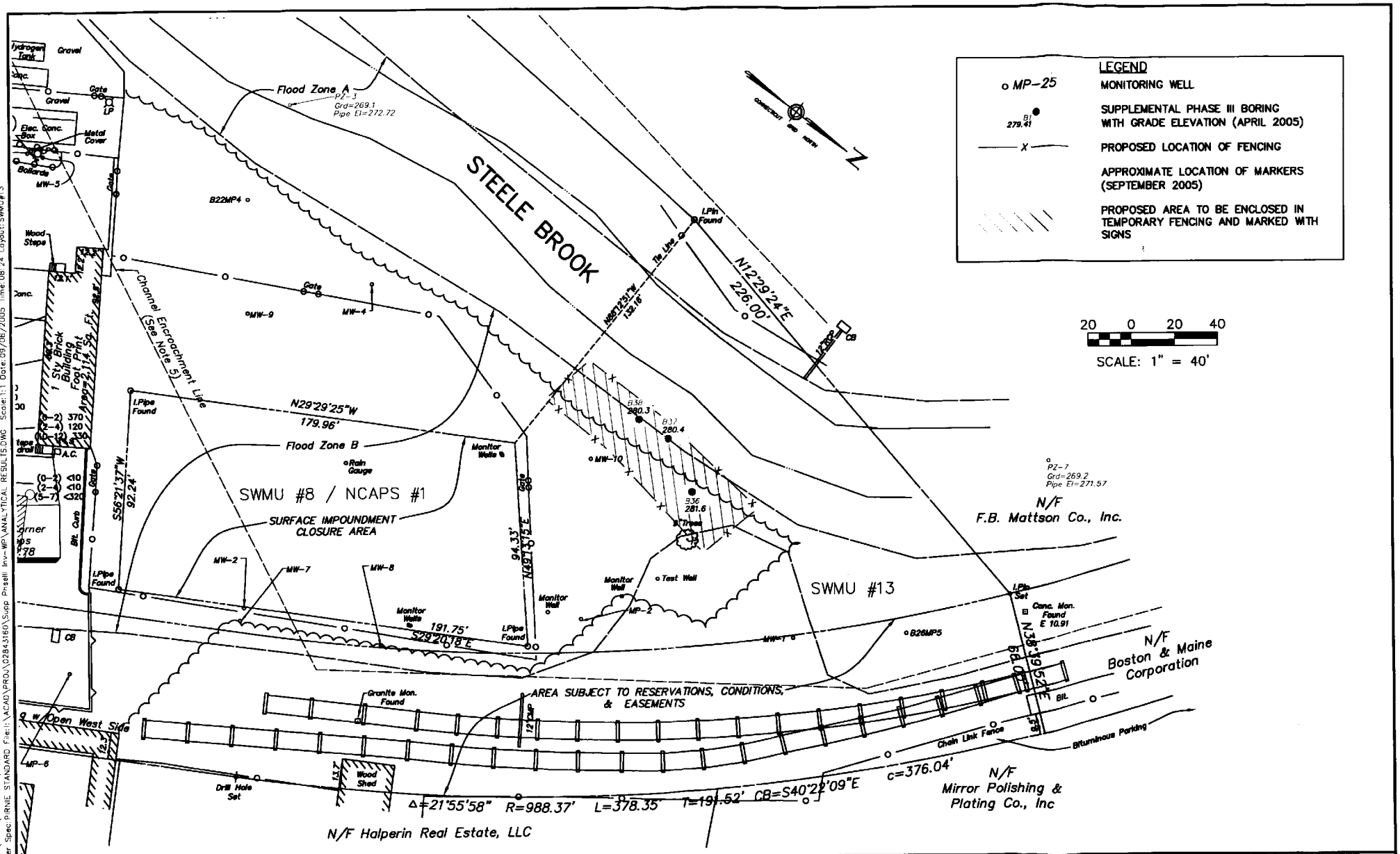
Figure 3: Groundwater Table & Deep Aquifer Map August 2003

[X] **Map** [ ] **Photograph** [ ] **Other** (Please Specify Below)

*** Please Contact the EPA New England RCRA Records Center to View This Document ***



MALCOLM PIRNIE	WATERBURY ROLLING MILLS, INC. WATERBURY, CONNECTICUT HUMAN EXPOSURES ASSESSMENT FOR ENVIRONMENTAL INDICATORS CA-725	SOLID WASTE MANAGEMENT UNIT #3 PCB STORAGE SHED	MALCOLM PIRNIE, INC. DECEMBER 2001 FIGURE 4



MALCOLM PIRNIE

WATERBURY ROLLING MILLS
WATERBURY, CONNECTICUT
SUPPLEMENTAL PHASE III INVESTIGATION
0284316

SWMU #13 AREA

MALCOLM PIRNIE, INC.
SEPTEMBER 2005
FIGURE 5

US EPA New England
RCRA Document Management System
Image Target Sheet

RDMS Document ID # 102767

Facility Name: Waterbury Rolling Mills

Facility ID#: CTD001164607

Phase Classification: R-13

Purpose of Target Sheet:

[X] **Oversized** (in Site File) [ ] **Oversized** (in Map Drawer)

[ ] **Page(s) Missing** (Please Specify Below)

[ ] **Potential FOIA Exempt** [ ] **Other** (Please Provide Purpose Below)

Description of Oversized Material, if applicable:

Figure 6: Off Site Monitoring Well Locations September 2005

[X] **Map** [ ] **Photograph** [ ] **Other** (Please Specify Below)

*** Please Contact the EPA New England RCRA Records Center to View This Document ***

Appendix D
Laboratory Data

Concrete Drill Dust Sample Results
SWMU #3

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65 NY:11148

CERTIFICATE OF ANALYSIS

Client: Malcolm Pirnie, Inc.

Address: 100 Roscommon Drive
Suite 100
Middletown, CT 06457

Attn: Mr. Brian McCarthy

Project Number: 0284-304

Site: WRM

Laboratory Job Number: L0110248

Invoice Number: 56552

Date Received: 01-NOV-01

Date Reported: 08-NOV-01

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0110248-01	P-1	WATERBURY, CT
L0110248-02	P-2	WATERBURY, CT
L0110248-03	P-3	WATERBURY, CT
L0110248-04	P-4	WATERBURY, CT
L0110248-05	FB11101	WATERBURY, CT

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: Ellen M. Collins

Ellen M. Collins - Quality Assurance Officer
This document electronically signed

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0110248

Alpha Report L0110248:

Polychlorinated Biphenyls

Please note that the surrogate percent recovery for Decachlorobiphenyl on Alpha Sample(s) L0110248-05 and on the associated Laboratory Duplicate, Blank and Control Sample is below the in-house acceptance criteria for the method. Standard laboratory procedure is to perform re-extraction and re-analysis, however, no sample remains for further action.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0110248-01
P-1
Sample Matrix: SOLID

Condition of Sample: Satisfactory

Number & Type of Containers: 1-Amber

Date Collected: 01-NOV-2001 10:15
Date Received : 01-NOV-2001
Date Reported : 08-NOV-2001

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	96.	%	0.10	30 2540G		1104 12:20	DT
Polychlorinated Biphenyls				1 8082	1102 13:35	1106 18:55	AK
Aroclor 1221	ND	ug/kg	260.				
Aroclor 1232	ND	ug/kg	260.				
Aroclor 1242/1016	668.	ug/kg	260.				
Aroclor 1248	ND	ug/kg	260.				
Aroclor 1254	ND	ug/kg	260.				
Aroclor 1260	ND	ug/kg	260.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	96.0	%					
Decachlorobiphenyl	78.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0110248-02
P-2
Sample Matrix: SOLID

Date Collected: 01-NOV-2001 10:30
Date Received : 01-NOV-2001
Date Reported : 08-NOV-2001

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	95.	%	0.10	30 2540G		1104 12:20	DT
Polychlorinated Biphenyls				1 8082	1102 13:35	1106 19:34	AK
Aroclor 1221	ND	ug/kg	263.				
Aroclor 1232	ND	ug/kg	263.				
Aroclor 1242/1016	ND	ug/kg	263.				
Aroclor 1248	ND	ug/kg	263.				
Aroclor 1254	>5000	ug/kg	263				
Aroclor 1260	ND	ug/kg	263.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	106.	%					
Decachlorobiphenyl	71.0	%					
Polychlorinated Biphenyls				1 8082	1102 13:35	1108 07:33	AK
Aroclor 1254	18400	ug/kg	5260				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0110248-03
P-3
Sample Matrix: SOLID

Condition of Sample: Satisfactory

Number & Type of Containers: 1-Amber

Date Collected: 01-NOV-2001 10:40
Date Received : 01-NOV-2001
Date Reported : 08-NOV-2001

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	94.	%	0.10		30 2540G		1104 12:20	DT
Polychlorinated Biphenyls				1	8082	1102 13:35	1106 20:12	AK
Aroclor 1221	ND	ug/kg	266.					
Aroclor 1232	ND	ug/kg	266.					
Aroclor 1242/1016	ND	ug/kg	266.					
Aroclor 1248	ND	ug/kg	266.					
Aroclor 1254	>5000	ug/kg	266					
Aroclor 1260	ND	ug/kg	266.					
Surrogate Recovery								
2,4,5,6-Tetrachloro-m-xylene	103.	%						
Decachlorobiphenyl	72.0	%						
Polychlorinated Biphenyls				1	8082	1102 13:35	1108 08:15	AK
Aroclor 1254	23400	ug/kg	5320					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0110248-04
P-4
Sample Matrix: SOLID

Date Collected: 01-NOV-2001 10:50
Date Received : 01-NOV-2001
Date Reported : 08-NOV-2001

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Amber

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	95.	%	0.10	30 2540G		1104 12:20	DT
Polychlorinated Biphenyls				1 8082	1102 13:35	1106 20:51	AK
Aroclor 1221	ND	ug/kg	263.				
Aroclor 1232	ND	ug/kg	263.				
Aroclor 1242/1016	ND	ug/kg	263.				
Aroclor 1248	ND	ug/kg	263.				
Aroclor 1254	>5000	ug/kg	263				
Aroclor 1260	ND	ug/kg	263.				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	116.	%					
Decachlorobiphenyl	70.0	%					
Polychlorinated Biphenyls				1 8082	1102 13:35	1108 08:56	AK
Aroclor 1254	32400	ug/kg	5260				

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0110248-05
FB11101
Sample Matrix: WATER

Condition of Sample: Satisfactory

Number & Type of Containers: 2-Amber

Date Collected: 01-NOV-2001 10:25
Date Received : 01-NOV-2001
Date Reported : 08-NOV-2001

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF METHOD	DATE PREP	DATE ANAL	ID
Polychlorinated Biphenyls				1 8082	1107 10:00	1108 01:19	AK
Aroclor 1221	ND	ug/l	2.75				
Aroclor 1232	ND	ug/l	2.75				
Aroclor 1242/1016	ND	ug/l	2.75				
Aroclor 1248	ND	ug/l	2.75				
Aroclor 1254	ND	ug/l	2.75				
Aroclor 1260	ND	ug/l	2.75				
Surrogate Recovery							
2,4,5,6-Tetrachloro-m-xylene	84.0	%					
Decachlorobiphenyl	11.0	%					

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0110248

Parameter	Value 1	Value 2	RPD	Units
Solids, Total for sample(s) 01-04 (L0110248-01, WG96796)				
Solids, Total	96.	96.	0	%
Polychlorinated Biphenyls for sample(s) 01-04 (L0110244-01, WG96749)				
Aroclor 1221	ND	ND	NC	ug/kg
Aroclor 1232	ND	ND	NC	ug/kg
Aroclor 1242/1016	ND	ND	NC	ug/kg
Aroclor 1248	ND	ND	NC	ug/kg
Aroclor 1254	ND	ND	NC	ug/kg
Aroclor 1260	ND	ND	NC	ug/kg
Surrogate Recovery				
2,4,5,6-Tetrachloro-m-xylene	104.	97.0	7	%
Decachlorobiphenyl	71.0	66.0	7	%
Polychlorinated Biphenyls for sample(s) 05 (L0110248-05, WG97143)				
Aroclor 1221	ND	ND	NC	ug/l
Aroclor 1232	ND	ND	NC	ug/l
Aroclor 1242/1016	ND	ND	NC	ug/l
Aroclor 1248	ND	ND	NC	ug/l
Aroclor 1254	ND	ND	NC	ug/l
Aroclor 1260	ND	ND	NC	ug/l
Surrogate Recovery				
2,4,5,6-Tetrachloro-m-xylene	84.0	103.	20	%
Decachlorobiphenyl	11.0	15.0	31	%

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0110248

Parameter	% Recovery
Polychlorinated Biphenyls LCS for sample(s) 01-04 (WG96749)	
Aroclor 1242/1016	100
Aroclor 1260	108
Surrogate Recovery	
2,4,5,6-Tetrachloro-m-xylene	100
Decachlorobiphenyl	72
Polychlorinated Biphenyls LCS for sample(s) 05 (WG97143)	
Aroclor 1242/1016	96
Aroclor 1260	95
Surrogate Recovery	
2,4,5,6-Tetrachloro-m-xylene	93
Decachlorobiphenyl	30

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0110248

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01-04								
Polychlorinated Biphenyls				1	8082	1102 13:35	1106 22:09	AK
Aroclor 1221	ND	ug/kg	250.					
Aroclor 1232	ND	ug/kg	250.					
Aroclor 1242/1016	ND	ug/kg	250.					
Aroclor 1248	ND	ug/kg	250.					
Aroclor 1254	ND	ug/kg	250.					
Aroclor 1260	ND	ug/kg	250.					
Surrogate Recovery								
2,4,5,6-Tetrachloro-m-xylene	98.0	%						
Decachlorobiphenyl	68.0	%						
Blank Analysis for sample(s) 05								
Polychlorinated Biphenyls				1	8082	1107 10:00	1107 23:14	AK
Aroclor 1221	ND	ug/l	2.50					
Aroclor 1232	ND	ug/l	2.50					
Aroclor 1242/1016	ND	ug/l	2.50					
Aroclor 1248	ND	ug/l	2.50					
Aroclor 1254	ND	ug/l	2.50					
Aroclor 1260	ND	ug/l	2.50					
Surrogate Recovery								
2,4,5,6-Tetrachloro-m-xylene	80.0	%						
Decachlorobiphenyl	21.0	%						

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Update III, 1997.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.

METHOD Method number by which analysis was performed.

ID Initials of the analyst.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

attachment 1

Quality Control Acceptance Criteria

Volatile Organics by Method 8260B

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
1,2-Dichloroethane-d_4	75%	125%	75%	125%	
4-Bromofluorobenzene	75%	125%	75%	125%	
Toluene-d_8	75%	125%	75%	125%	
Dibromofluoromethane	75%	125%	75%	125%	
matrix spike / matrix spike duplicate (MS/MSD) & lab control sample (LCS)	**percent recovery**				**duplicate and/or MSD**
	AQ Limits		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,1-Dichloroethene	61%	145%	59%	172%	all target compounds
Trichloroethene	71%	120%	62%	137%	20% 30%
Chlorobenzene	75%	130%	60%	133%	
Benzene	76%	127%	66%	142%	
Toluene	76%	125%	59%	139%	

Volatile Organics by Method 8021B

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
4-Bromochlorobenzene	70%	110%	70%	120%	
4-Bromofluorobenzene	70%	110%	70%	120%	
matrix spike / matrix spike duplicate (MS/MSD) & lab control sample (LCS)	**percent recovery**				**duplicate and/or MSD**
	AQ Limits		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,1-Dichloroethene	70%	130%	70%	130%	all target compounds
Trichloroethene	70%	130%	70%	130%	20% 30%
Chlorobenzene	70%	130%	70%	130%	
Benzene	70%	130%	70%	130%	
Toluene	70%	130%	70%	130%	
Ethylbenzene	70%	130%	70%	130%	

Semi-Volatile Organics by Method 8270C (includes PAHs)

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
Nitrobenzene-d_5	23%	120%	23%	120%	
Phenol-d_6	10%	120%	10%	120%	
2-Fluorophenol	21%	120%	25%	120%	
2-Fluorobiphenyl	43%	120%	30%	120%	
p-Terphenyl-d_{14}	33%	120%	18%	120%	
2,4,6-Tribromophenol	10%	120%	19%	120%	
matrix spike / matrix spike duplicate (MS/MSD) & lab control sample (LCS)	**percent recovery**				**duplicate and/or MSD**
	AQ Limits		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,2,4-Trichlorobenzene	39%	98%	38%	107%	all target compounds
Acenaphthene	46%	118%	31%	137%	40% 50%
2,4-Dinitrotoluene	24%	96%	28%	89%	
Pyrene	26%	127%	35%	142%	
N-Nitroso-di-n-propylamine	41%	116%	41%	126%	
1,4-Dichlorobenzene	36%	97%	28%	104%	
Pentachlorophenol	9%	103%	17%	109%	
Phenol	12%	110%	26%	90%	
2-Chlorophenol	27%	123%	25%	102%	
4-Chloro-3-methylphenol	23%	97%	26%	103%	
4-Nitrophenol	10%	80%	11%	114%	

attachment 1

Quality Control Acceptance Criteria

PCB/Pesticides by Method 8082/8081

surrogate spike % recovery	AQ Limits LCL	AQ Limits UCL	Soil Limits LCL	Soil Limits UCL	
2,4,5,6-Tetrachloro-m-xylene	40%	120%	40%	120%	
Decachlorobiphenyl	40%	120%	40%	120%	
matrix spike / matrix spike duplicate (MS/MSD) & lab control sample (LCS)	**percent recovery AQ Limits LCL**	**AQ Limits UCL**	**Soil Limits LCL**	**Soil Limits UCL**	**duplicate and/or MSD AQ Limits RPD / Soil Limits RPD**
Lindane	56%	123%	46%	127%	all target compounds
Heptachlor	40%	131%	35%	130%	30% / 50%
Aldrin	40%	120%	34%	132%	
Dieldrin	52%	126%	31%	134%	
Endrin	56%	121%	42%	139%	
4,4'-DDT	38%	127%	23%	134%	
Aroclor 1242/1016	40%	140%	40%	140%	
Aroclor 1260	40%	140%	40%	140%	

Volatile Petroleum Hydrocarbons (VPH) by MA DEP 98-1

surrogate spike % recovery	AQ Limits LCL	AQ Limits UCL	Soil Limits LCL	Soil Limits UCL	
2,5-Dibromotoluene	70%	130%	70%	130%	
laboratory control sample (LCS)	**percent recovery AQ Limits LCL**	**AQ Limits UCL**	**Soil Limits LCL**	**Soil Limits UCL**	**duplicate AQ Limits RPD / Soil Limits RPD**
all compounds	70%	130%	70%	130%	50% / 50%

Extractable Petroleum Hydrocarbons (EPH) by MA DEP 98-1

surrogate spike % recovery	AQ Limits LCL	AQ Limits UCL	Soil Limits LCL	Soil Limits UCL	
Chloro-octadecane	40%	140%	40%	140%	
ortho-Terphenyl	40%	140%	40%	140%	
2-Fluorobiphenyl (fractionation)	40%	140%	40%	140%	
2-Bromonaphthalene (fractionation)	40%	140%	40%	140%	
laboratory control sample (LCS)	**percent recovery AQ Limits LCL**	**AQ Limits UCL**	**Soil Limits LCL**	**Soil Limits UCL**	**duplicate AQ Limits RPD / Soil Limits RPD**
all compounds	40%	140%	40%	140%	50% / 50%

TPH (GC-FID) by Method 8100M

surrogate spike % recovery	AQ Limits LCL	AQ Limits UCL	Soil Limits LCL	Soil Limits UCL	duplicate AQ Limits RPD	duplicate Soil Limits RPD
ortho-Terphenyl	40%	140%	40%	140%	40%	40%

TPH by Method 418.1

matrix spike (MS) & laboratory control sample (LCS)	percent recovery AQ Limits LCL	AQ Limits UCL	Soil Limits LCL	Soil Limits UCL	duplicate AQ Limits RPD	duplicate Soil Limits RPD
TPH	60%	140%	60%	140%	40%	40%

Quality Control Acceptance Criteria

Trace Metals by Method 6010B/7000 series

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
target analyte	75%	125%	70%	140%	20%	35%

Mercury by Method 7470A/7471A

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
mercury	70%	130%	60%	140%	35%	45%

Total Cyanide by Method 9010B

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
cyanide	80%	120%	65%	135%	30%	40%

Total Phenol by Method 9065

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
phenol	70%	130%	65%	135%	20%	30%

ALPHA Analytical Laboratories, Inc.

Eight Walkup Drive Westborough, MA 01581
PH: 508.898.9220 FAX: 508.898.9193 www.alphalab.com

CHAIN OF CUSTODY

No 18152 Sheet 1 of 1

ALPHA Job #: L0110249
Date Rec'd in Lab: 11/1/01
Date Due: 11/8/01

Client Name: Malcolm Pirnie
Client Address: 100 Roscommon Dr. Suite 100
Middletown, CT 06457
Phone #: (860) 635-3400 FAX #(860) 632-0036

Project Name: WRM
Project Location: 0284-304 Waterbury, CT
Project #:
Project Manager: Ken Cichon

Report To: Brian McCarthy
Bill To: " "
PO#:

- [x] Standard TAT
- [ ] RUSH TAT ____ (# days)
- [ ] FAX Results
- [ ] State Forms
- [ ] SMART Report

Comments: (Please note specific method, detection limit or reporting requirements.)

ANALYSIS REQUEST

ALPHA Lab #	Sample ID	Matrix/Source *	Sampling Date	Sampling Time	Sampler's Initials	Solubles: Field Filtered? (Y/N)	PCBs									
0249.1	P-1	X1	11/1/01	10:15	ZK.		X									
.2	P-2	X1	"	10:30	"		X									
.3	P-3	X1	"	10:40	"		X									
.4	P-4	X1	"	10:50	"		X									
.5	FB11101	X2	"		"		X									
# of Containers:							6									
Container Type: *							A									
Preservative: *							A									

Transfers Accepted By:	Date	11/1/01 11/1/01
	Time	3:30 pm 10:25
Transfers Relinquished By:		

All samples submitted are subject to Alpha's standard Terms and Conditions.

* See Reverse side for Matrix, Container, and Preservative Codes.

Form No.: 01-01

PCB soil composite Sample Result

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0111079

Alpha Report L0111079:

PCB

It should be noted that the relative percent difference for the laboratory duplicate associated with Alpha Sample(s) L0111079-01is outside the acceptance criteria required by the method. The elevated RPDs have been attributed to the non-homogenous nature of the sample utilized for the laboratory duplicate.

Please note that one or more of the surrogate percent recoveries for PCB analysis on Alpha Sample(s) L0111079-01 and the associated laboratory duplicate are not reported due to the high dilution required to quantitate the samples.

Total Metals

It should be noted that the matrix spike percent recovery for the analysis of Cadmium, Copper, and Lead associated with Alpha Sample(s) L0111079-01 is invalid because the sample concentration is greater than four times the spike amount added.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0111079-01
S-1 COMPOSITE (SURFACE)
Sample Matrix: SOIL

Date Collected: 21-NOV-2001 07:35
Date Received : 26-NOV-2001
Date Reported : 28-NOV-2001

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 3-Amber

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	90.	%	0.10		30 2540G		1126 22:20	AT
Total Metals				1	3051			
Arsenic, Total	4.8	mg/kg	0.44	1	6010B	1127 12:00	1128 09:06	MG
Barium, Total	65.	mg/kg	0.44	1	6010B	1127 12:00	1128 09:06	MG
Cadmium, Total	120	mg/kg	0.44	1	6010B	1127 12:00	1128 09:06	MG
Chromium, Total	11.	mg/kg	0.44	1	6010B	1127 12:00	1128 09:06	MG
Copper, Total	4600	mg/kg	2.2	1	6010B	1127 12:00	1128 09:06	MG
Lead, Total	140	mg/kg	2.2	1	6010B	1127 12:00	1128 09:06	MG
Mercury, Total	ND	mg/kg	0.09	1	7470A	1127 13:55	1128 10:30	DM
Selenium, Total	ND	mg/kg	0.88	1	6010B	1127 12:00	1128 09:06	MG
Silver, Total	8.0	mg/kg	0.44	1	6010B	1127 12:00	1128 09:06	MG
Polychlorinated Biphenyls				1	8082	1127 13:00	1128 17:39	AK
Aroclor 1221	ND	ug/kg	27800					
Aroclor 1232	ND	ug/kg	27800					
Aroclor 1242/1016	ND	ug/kg	27800					
Aroclor 1248	ND	ug/kg	27800					
Aroclor 1254	81000	ug/kg	27800					
Aroclor 1260	ND	ug/kg	27800					
Surrogate Recovery								
2,4,5,6-Tetrachloro-m-xylene	ND	%						
Decachlorobiphenyl	ND	%						
Extractable Total Petroleum Hydrocarbons				11	3-99	1127 12:00	1128 08:19	PD
ETPH-CT	120000	ug/kg	5600					
Surrogate Recovery								
o-Terphenyl	98.0	%						

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0111079

Parameter	Value 1	Value 2	RPD	Units
Solids, Total for sample(s) 01 (L0111027-01, WG98687)				
Solids, Total	76.	76.	0	%
Total Metals for sample(s) 01 (L0111079-01, WG98844)				
Arsenic, Total	4.8	5.4	12	mg/kg
Barium, Total	65.	66.	2	mg/kg
Cadmium, Total	120	120	0	mg/kg
Chromium, Total	11.	11.	0	mg/kg
Copper, Total	4600	4500	2	mg/kg
Lead, Total	140	160	13	mg/kg
Selenium, Total	ND	ND	NC	mg/kg
Silver, Total	8.0	5.3	41	mg/kg
Total Metals for sample(s) 01 (L0110962-32, WG98749)				
Mercury, Total	0.30	0.34	13	mg/kg
Polychlorinated Biphenyls for sample(s) 01 (L0111079-01, WG98807)				
Aroclor 1221	ND	ND	NC	ug/kg
Aroclor 1232	ND	ND	NC	ug/kg
Aroclor 1242/1016	ND	ND	NC	ug/kg
Aroclor 1248	ND	ND	NC	ug/kg
Aroclor 1254	81000	26500	101	ug/kg
Aroclor 1260	ND	ND	NC	ug/kg
Surrogate Recovery				
2,4,5,6-Tetrachloro-m-xylene	ND	ND	NC	%
Decachlorobiphenyl	ND	ND	NC	%
Extractable Total Petroleum Hydrocarbons for sample(s) 01 (L0111079-01, WG98818)				
ETPH-CT	120000	130000	8	ug/kg
Surrogate Recovery				
o-Terphenyl	98.0	103.	5	%

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0111079

Parameter	% Recovery
Total Metals LCS for sample(s) 01 (WG98844)	
Arsenic, Total	93
Barium, Total	96
Cadmium, Total	95
Chromium, Total	96
Copper, Total	96
Lead, Total	100
Selenium, Total	93
Silver, Total	102
Total Metals LCS for sample(s) 01 (WG98749)	
Mercury, Total	105
Polychlorinated Biphenyls LCS for sample(s) 01 (WG98807)	
Aroclor 1242/1016	100
Aroclor 1260	106
Surrogate Recovery	
2,4,5,6-Tetrachloro-m-xylene	119
Decachlorobiphenyl	100
Extractable Total Petroleum Hydrocarbons LCS for sample(s) 01 (WG98818)	
ETPH-CT	84
Surrogate Recovery	
o-Terphenyl	89
Total Metals SPIKE for sample(s) 01 (L0111079-01, WG98844)	
Arsenic, Total	98
Barium, Total	107
Cadmium, Total	443
Chromium, Total	90
Copper, Total	0
Lead, Total	177
Selenium, Total	88
Silver, Total	117
Total Metals SPIKE for sample(s) 01 (L0110562-34, WG98749)	
Mercury, Total	110
Extractable Total Petroleum Hydrocarbons SPIKE for sample(s) 01 (L0111079-01, WG98818)	
ETPH-CT	120
Surrogate Recovery	
o-Terphenyl	119

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0111079

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 01								
Total Metals				1	3051			
Arsenic, Total	ND	mg/kg	0.40	1	6010B	1127 12:00	1128 08:54	MG
Barium, Total	ND	mg/kg	0.40	1	6010B	1127 12:00	1128 08:54	MG
Cadmium, Total	ND	mg/kg	0.40	1	6010B	1127 12:00	1128 08:54	MG
Chromium, Total	ND	mg/kg	0.40	1	6010B	1127 12:00	1128 08:54	MG
Copper, Total	ND	mg/kg	2.0	1	6010B	1127 12:00	1128 08:54	MG
Lead, Total	ND	mg/kg	2.0	1	6010B	1127 12:00	1128 08:54	MG
Selenium, Total	ND	mg/kg	0.80	1	6010B	1127 12:00	1128 08:54	MG
Silver, Total	ND	mg/kg	0.40	1	6010B	1127 12:00	1128 08:54	MG
Blank Analysis for sample(s) 01								
Total Metals								
Mercury, Total	ND	mg/kg	0.08	1	7470A	1127 13:55	1128 10:30	DM
Blank Analysis for sample(s) 01								
Polychlorinated Biphenyls				1	8082	1127 13:00	1128 14:10	AK
Aroclor 1221	ND	ug/kg	250.					
Aroclor 1232	ND	ug/kg	250.					
Aroclor 1242/1016	ND	ug/kg	250.					
Aroclor 1248	ND	ug/kg	250.					
Aroclor 1254	ND	ug/kg	250.					
Aroclor 1260	ND	ug/kg	250.					
Surrogate Recovery								
2,4,5,6-Tetrachloro-m-xylene	103.	%						
Decachlorobiphenyl	96.0	%						
Blank Analysis for sample(s) 01								
Extractable Total Petroleum Hydrocarbons				1	8015B	1127 12:00	1128 07:16	PD
ETPH-CT	ND	ug/kg	5000					
Surrogate Recovery								
o-Terphenyl	92.0	%						

ALPHA ANALYTICAL LABORATORIES
ADDENDUM I

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Update III, 1997.

11. Analysis of Extractable Petroleum Hydrocarbons (ETPH) Using Methylene Chloride Gas Chromatograph/Flame Ionization Detection. Environmental Research Institute, University of Connecticut. March 1999.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.

METHOD Method number by which analysis was performed.

ID Initials of the analyst.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

PCB soil sample results by H&A

WATERBURY ROLLING MILLS

Location Collected: Waterbury Rolling Mills
Date Sample Collected: 05/02/01
Sample Description: HA-5, G1, 0.5'-1.0'
EAS Sample Number: 01050056-02
LIMS ID Number: AC05946
Date Sample Received: 05/02/01
Client Project Number: 26292-400

Parameter	Data	Detection Limit	Units	Analysis Date
SPLP for PCBs	Completed			05/08/01
PCB Only Extraction, Solid	Completed			05/08/01
PCBs Extraction, Leachable	Completed			05/14/01
PCBs, Leachable				
Arochlor 1016	BDL	0.06	ug/L	05/14/01
Arochlor 1221	BDL	0.12	ug/L	05/14/01
Arochlor 1232	BDL	0.06	ug/L	05/14/01
Arochlor 1242	BDL	0.06	ug/L	05/14/01
Arochlor 1248	BDL	0.06	ug/L	05/14/01
Arochlor 1254	BDL	0.06	ug/L	05/14/01
Arochlor 1260	BDL	0.06	ug/L	05/14/01
PCBs, Solid				
Arochlor 1016	BDL	33	ug/kg	05/09/01
Arochlor 1221	BDL	66	ug/kg	05/09/01
Arochlor 1232	BDL	33	ug/kg	05/09/01
Arochlor 1242	BDL	33	ug/kg	05/09/01
Arochlor 1248	BDL	33	ug/kg	05/09/01
Arochlor 1254	BDL	33	ug/kg	05/09/01
Arochlor 1260	BDL	33	ug/kg	05/09/01

BDL = Below Detection Limit

WATERBURY ROLLING MILLS

:ation Collected: Waterbury Rolling Mills
Date Sample Collected: 05/02/01
Sample Description: HA-6, G1, 0.5'-1.0'
EAS Sample Number: 01050056-03
LIMS ID Number: AC05947
Date Sample Received: 05/02/01
Client Project Number: 26292-400

Parameter	Data	Detection Limit	Units	Analysis Date
SPLP for PCBs	Completed			05/08/01
PCB Only Extraction, Solid	Completed			05/08/01
PCBs Extraction, Leachable	Completed			05/14/01
PCBs, Leachable				
Arochlor 1016	BDL	0.06	ug/L	05/14/01
Arochlor 1221	BDL	0.12	ug/L	05/14/01
Arochlor 1232	BDL	0.06	ug/L	05/14/01
Arochlor 1242	BDL	0.06	ug/L	05/14/01
Arochlor 1248	BDL	0.06	ug/L	05/14/01
Arochlor 1254	BDL	0.06	ug/L	05/14/01
Arochlor 1260	BDL	0.06	ug/L	05/14/01
?Bs, Solid				
Arochlor 1016	BDL	33	ug/kg	05/09/01
Arochlor 1221	BDL	66	ug/kg	05/09/01
Arochlor 1232	BDL	33	ug/kg	05/09/01
Arochlor 1242	BDL	33	ug/kg	05/09/01
Arochlor 1248	BDL	33	ug/kg	05/09/01
Arochlor 1254	BDL	33	ug/kg	05/09/01
Arochlor 1260	BDL	33	ug/kg	05/09/01

BDL = Below Detection Limit

WATERBURY ROLLING MILLS

Location Collected: Waterbury Rolling Mills
Date Sample Collected: 05/02/01
Sample Description: HA-7, G1, 0.5'-1.0'
EAS Sample Number: 01050056-04
LIMS ID Number: AC05948
Date Sample Received: 05/02/01
Client Project Number: 26292-400

Parameter	Data	Detection Limit	Units	Analysis Date
SPLP for PCBs	Completed			05/08/01
PCB Only Extraction, Solid	Completed			05/08/01
PCBs Extraction, Leachable	Completed			05/14/01
PCBs, Leachable				
Arochlor 1016	BDL	0.06	ug/L	05/14/01
Arochlor 1221	BDL	0.12	ug/L	05/14/01
Arochlor 1232	BDL	0.06	ug/L	05/14/01
Arochlor 1242	BDL	0.06	ug/L	05/14/01
Arochlor 1248	BDL	0.06	ug/L	05/14/01
Arochlor 1254	BDL	0.06	ug/L	05/14/01
Arochlor 1260	BDL	0.06	ug/L	05/14/01
PCBs, Solid				
Arochlor 1016	BDL	33	ug/kg	05/09/01
Arochlor 1221	BDL	66	ug/kg	05/09/01
Arochlor 1232	BDL	33	ug/kg	05/09/01
Arochlor 1242	BDL	33	ug/kg	05/09/01
Arochlor 1248	BDL	33	ug/kg	05/09/01
Arochlor 1254	BDL	33	ug/kg	05/09/01
Arochlor 1260	BDL	33	ug/kg	05/09/01

BDL = Below Detection Limit

WATERBURY ROLLING MILLS

ɔcation Collected: Waterbury Rolling Mills
Date Sample Collected: 05/03/01
Sample Description: HA-8; S1; 0.4'-2.0'
EAS Sample Number: 01050056-07
LIMS ID Number: AC06082
Date Sample Received: 05/03/01
Client Project Number: 26292-400

Parameter	Data	Detection Limit	Units	Analysis Date
SPLP for PCBs	Completed			05/08/01
PCB Only Extraction, Solid	Completed			05/08/01
PCBs Extraction, Leachable	Completed			05/14/01
PCBs, Leachable				
Arochlor 1016	BDL	0.06	ug/L	05/14/01
Arochlor 1221	BDL	0.12	ug/L	05/14/01
Arochlor 1232	BDL	0.06	ug/L	05/14/01
Arochlor 1242	BDL	0.06	ug/L	05/14/01
Arochlor 1248	BDL	0.06	ug/L	05/14/01
Arochlor 1254	BDL	0.06	ug/L	05/14/01
Arochlor 1260	BDL	0.06	ug/L	05/14/01
ɔBs, Solid				
Arochlor 1016	BDL	33	ug/kg	05/09/01
Arochlor 1221	BDL	66	ug/kg	05/09/01
Arochlor 1232	BDL	33	ug/kg	05/09/01
Arochlor 1242	BDL	33	ug/kg	05/09/01
Arochlor 1248	BDL	33	ug/kg	05/09/01
Arochlor 1254	93	33	ug/kg	05/09/01
Arochlor 1260	BDL	33	ug/kg	05/09/01

BDL = Below Detection Limit

EAS Laboratories, 105 Commercial Street, Waterbury, CT 06795 Phone (860) 274-5461 Fax (860) 945-0449

Company Name: HALEY & ALDRICH

Project Manager: J. CARROLL | Invoice To:

Reports To: J. CARROLL / WRM | P.O. Number:

Project Name/Location: WATERBURY ROLLING MILLS

Project Number: 26292-400 | Samplers Signature:

Date/Time Sample Collected	Comp.	Grab	Sample Description	No. of Containers	Solid or Liquid	VOC's (INCL. IN APPX. II)	APPENDIX # IX		TOTAL PCB's						EAS ID Number
5-2-01 1425		X	TP-1, S1, 4.5'-6.5'	9	S	X	X								
5-2-01 1025		X	HA-5, G1, 0.5-1.0	1	S				X						
5-2-01 1140		X	HA-6, G1, 0.5-1.0	1	S				X						
5-2-01 1400		X	HA-7, G1, 0.5-1.0	1	S				X						

Analyses Requested Samples

Preserved (Yes) (No)

Relinquished By: (Signature) | Date/Time 5-2-01 | Received By: (Signature)

Relinquished By: (Signature) | Date/Time | Received By: (Signature)

Relinquished By: (Signature) | Date/Time | Received By: (Signature)

Cooler Temperature (°C) 5°3

Comments/Remarks

- Please hold HA-5/G2-G9, HA-6/G2-G9, HA-7/G2-G9 for potential PCB analysis.
- APPENDIX IX DOES NOT INCLUDE PESTICIDES, HERBICIDES, & RADIONUCLIDES
- HOLD ON DIOXINS AND FURANS, ACID ETCH

Turnaround Time Requested: NORMAL | Project Complete:

EAS Laboratories, 105 Commercial Street, Waterbury, CT 06795 Phone (860) 274-5461 Fax (860) 945-0449

Company Name: HALEY & ALDRICH, INC.

Project Manager: V. CARROLL | Invoice To:

Reports To: V. CARROLL/WRM | P.O. Number:

Project Name/Location: WATERBURY ROLLING MILLS

Project Number: 20,292-400 | Samplers Signature:

Date/Time Sample Collected	Comp.	Grab	Sample Description	No. of Containers	Solid or Liquid	VOC's	ETPH	SVOC's	APPENDIX IX	TOTAL PCB's	TCLP PCB's				EAS ID Number
5/3/01 1205	X		TP-2;S1;1.5'-3.0'	6	S	X	X	X							
5/3/01 1215	X		TP-2;S2;3.0'-3.5'	7	S				X						
5/3/01 1400	X		HA-8;S1;0.4'-2.0'	1	S					X	X				
				TOTALS											
				14	S										

Analyses Requested Samples

Preserved (Yes) (No)

Relinquished By: (Signature)	Date/Time	Received By: (Signature)
[signature] H&A	5-3-01 1550	[signature]
Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Relinquished By: (Signature)	Date/Time	Received By: (Signature)

Cooler Temperature (°C)

Comments/Remarks
1.) ETPH = CT DEP EXTRACTABLE TPH METHOD
2.) SVOC's BY EPA METHOD 8270
3.) VOC's BY EPA METHOD 8260
4.) TOTAL PCB's BY EPA METHOD 8082
5.) DO NOT ANALYZE HA-5/G1, HA-6/G1, HA-7/G1 FOR TCLP PCB'

Turnaround Time Requested: Project Complete:

Laboratory Data Reports for SWMU #13

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040-0418
Tel. (860) 645-1102 Fax (860) 645-0823

Thursday, August 23, 2001

RECD AUG 24 2001

Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown CT 06457

Attention: Mr. Harold Moritz

Sample ID#: AD51858-67

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

This report, starting with the cover sheet ending with the chain of custody, consists of 31 pages.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/14/01	8:45
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-22/MP-4 Phoenix I.D. AD51858

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	3560	10.0	mg/Kg	08/20/01		EK	6010/E200.7
SPLP Copper	0.56	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	95		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	31	10	mg/Kg	08/20/01		CN	M8100CT
Identification	**		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloroethene	ND	10.0	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/20/01		RM	SW8260

Client ID: WATERBURY ROLLING B-22/MP-4 Phoenix I.D. AD51858

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
,3-Trichloropropane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Benzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
romodichloromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/20/01	RM	SW8260
ethylene chloride	ND	20.0	ug/Kg	08/20/01	RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260

Client ID: WATERBURY ROLLING B-22/MP-4 Phoenix I.D. AD51858

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Naphthalene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Styrene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Toluene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Trichloroethene	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/20/01	RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/20/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	85		%	08/20/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C19 to C30.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/14/01	11:00
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-23/ 0-2 Phoenix I.D. AD51859

Parameter	Result	RL	Units	Date	Time	By	Reference
pper	269	1.0	mg/Kg	08/20/01		EK	6010/E200.7
SPLP Copper	6.50	0.10	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	88		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	63	10	mg/Kg	08/20/01		CN	M8100CT
Identification	**		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-23/ 0-2 Phoenix I.D. AD51859

Parameter	Result	RL	Units	Date	Time	by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromodichloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01		RM	SW8260
Methylene chloride	ND	20.0	ug/Kg	08/16/01		RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-23/ 0-2 Phoenix I.D. AD51859

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
phthalene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	72		%	08/16/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C99 C30.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/14/01	12:00
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-24/ 0-2 Phoenix I.D. AD51860

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	62100	100	mg/Kg	08/22/01		EK	6010/E200.7
SPLP Copper	10.9	0.10	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	72		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	930	10	mg/Kg	08/20/01		CN	M8100CT
Identification	**		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-24/ 0-2 Phoenix I.D. AD51860

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
',3-Trichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
.omodichloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01	RM	SW8260
'ethylene chloride	ND	20.0	ug/Kg	08/16/01	RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260

Client ID: WATERBURY ROLLING B-24/ 0-2 Phoenix I.D. AD51860

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Naphthalene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Toluene	15	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichloroethene	36	10.0	ug/Kg	08/16/01	RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	64		%	08/16/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C14 to C36.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/14/01	14:00
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-25/ 4-6 Phoenix I.D. AD51861

Parameter	Result	RL	Units	Date	Time	By	Reference
pper	568	1.0	mg/Kg	08/20/01		EK	6010/E200.7
PLP Copper	0.04	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	90		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	08/20/01		CN	M8100CT
Identification	ND		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-25/ 4-6 Phoenix I.D. AD51861

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromodichloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01	RM	SW8260
Methylene chloride	ND	20.0	ug/Kg	08/16/01	RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260

Client ID: WATERBURY ROLLING B-25/ 4-6 Phoenix I.D. AD51861

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
.phthalene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichloroethene	43	10.0	ug/Kg	08/16/01	RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	77		%	08/16/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/15/01	9:30
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-26/MP-5 Phoenix I.D. AD51863

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	2870	10.0	mg/Kg	08/20/01		EK	6010/E200.7
SPLP Copper	1.05	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	87		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	160	10	mg/Kg	08/21/01		CN	M8100CT
Identification	**		mg/Kg	08/21/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-26/MP-5 Phoenix I.D. AD51863

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
romochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
omodichloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01	RM	SW8260
ethylene chloride	ND	20.0	ug/Kg	08/16/01	RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260

Client ID: WATERBURY ROLLING B-26/MP-5 Phoenix I.D. AD51863

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Naphthalene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	82		%	08/16/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C12 to C36.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/14/01	14:45
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-27 6-8 Phoenix I.D. AD51862

Parameter	Result	RL	Units	Date	Time	By	Reference
opper	393	1.0	mg/Kg	08/20/01		EK	6010/E200.7
SPLP Copper	1.95	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	89		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	58	10	mg/Kg	08/20/01		CN	M8100CT
Identification	**		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
,1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-27 6-8 Phoenix I.D. AD51862

Parameter	Result	RL	Units	Date	Time	by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromodichloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01		RM	SW8260
Methylene chloride	ND	20.0	ug/Kg	08/16/01		RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-27 6-8 Phoenix I.D. AD51862

Parameter	Result	RL	Units	Date	Time	by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
hthalene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Trichloroethene	25	10.0	ug/Kg	08/16/01		RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01		RM	SW8260
%4-Bromofluorobenzene (Surrogate)	71		%	08/16/01		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C18 `9.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/15/01	11:30
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-28 2-4 Phoenix I.D. AD51864

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	3350	10.0	mg/Kg	08/22/01		EK	6010/E200.7
SPLP Copper	0.41	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	86		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	57	10	mg/Kg	08/20/01		CN	M8100CT
Identification	**		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-28 2-4 Phoenix I.D. AD51864

Parameter	Result	RL	Units	Date	Time	by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
omodichloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01		RM	SW8260
ethylene chloride	ND	20.0	ug/Kg	08/16/01		RM	SW8260
-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-28 2-4 Phoenix I.D. AD51864

Parameter	Result	RL	Units	Date	Time	by	Reference
n-Propylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Naphthalene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Trichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01		RM	SW8260
%4-Bromofluorobenzene (Surrogate)	68		%	08/16/01		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C18 to C30.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/15/01	0:00
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-29 0-2 Phoenix I.D. AD51865

Parameter	Result	RL	Units	Date	Time	By	Reference
pper	4170	10.0	mg/Kg	08/22/01		EK	6010/E200.7
SPLP Copper	0.26	0.01	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	86		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	08/20/01		CN	M8100CT
Identification	ND		mg/Kg	08/20/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,1-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1,2-Trichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloroethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
1,1-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260

Client ID: WATERBURY ROLLING B-29 0-2 Phoenix I.D. AD51865

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,3-Trichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dibromoethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,3-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
1,4-Dichlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2,2-Dichloropropane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
2-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
4-Chlorotoluene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Benzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromodichloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromoform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Bromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Carbon tetrachloride	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chlorobenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloroform	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Chloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
cis-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromochloromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dibromomethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Dichlorodifluoromethane	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Ethylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Hexachlorobutadiene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Isopropylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260
Methyl Ethyl Ketone	ND	120.0	ug/Kg	08/16/01	RM	SW8260
Methylene chloride	ND	20.0	ug/Kg	08/16/01	RM	SW8260
n-Butylbenzene	ND	10.0	ug/Kg	08/16/01	RM	SW8260

Client ID: WATERBURY ROLLING B-29 0-2 Phoenix I.D. AD51865

Parameter	Result	RL	Units	Date	Time	by	Reference
- Propylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
..phthalene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
p-Isopropyltoluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
sec-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Styrene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
tert-Butylbenzene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Tetrachloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Toluene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,2-Dichloroethene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
trans-1,3-Dichloropropene	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Trichloroethene	29	10.0	ug/Kg	08/16/01		RM	SW8260
Trichlorofluoromethane	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Vinyl chloride	ND	10.0	ug/Kg	08/16/01		RM	SW8260
Xylenes, total	ND	10.0	ug/Kg	08/16/01		RM	SW8260
%4-Bromofluorobenzene (Surrogate)	73		%	08/16/01		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

August 23, 2001

FOR: Mr. Harold Moritz
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		08/15/01	0:00
Location Code:	MPI	Received by:	SW	08/15/01	17:45
Project Code:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

Client ID: WATERBURY ROLLING B-30 2-4 Phoenix I.D. AD51866

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	4550	10.0	mg/Kg	08/22/01		EK	6010/E200.7
SPLP Copper	7.0	0.10	mg/L	08/20/01		EK	E1312/SW6010
Field Extraction	Completed			08/14/01		MPI	SW5035
Extraction of CT ETPH	Completed			08/17/01		T/D	3550/5030
Total Metals Digest	Completed			08/15/01		JR	SW846 - 3050
Percent Solid	88		%	08/16/01		B/M	E160.3
SPLP Extraction Metals	Completed			08/15/01		B/M	EPA 1312
TPH by GC (Extractable Products)							
Ext. Petroleum HC	870	50	mg/Kg	08/21/01		CN	M8100CT
Identification	**	0.	mg/Kg	08/21/01		CN	M8100CT
Volatiles							
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	08/20/01		RM	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	08/20/01		RM	SW8260

Client ID: WATERBURY ROLLING B-30 2-4 Phoenix I.D. AD51866

Parameter	Result	RL	Units	Date	Time by	Reference
1,2,3-Trichlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
,3-Trichloropropane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2-Dibromoethane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	08/20/01	RM	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	08/20/01	RM	SW8260
2-Chlorotoluene	ND	250	ug/Kg	08/20/01	RM	SW8260
4-Chlorotoluene	ND	250	ug/Kg	08/20/01	RM	SW8260
Benzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Bromobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
romochloromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
romodichloromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Bromoform	ND	250	ug/Kg	08/20/01	RM	SW8260
Bromomethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Carbon tetrachloride	ND	250	ug/Kg	08/20/01	RM	SW8260
Chlorobenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Chloroethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Chloroform	ND	250	ug/Kg	08/20/01	RM	SW8260
Chloromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
cis-1,2-Dichloroethene	ND	250	ug/Kg	08/20/01	RM	SW8260
cis-1,3-Dichloropropene	ND	250	ug/Kg	08/20/01	RM	SW8260
Dibromochloromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Dibromomethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Dichlorodifluoromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Ethylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Hexachlorobutadiene	ND	250	ug/Kg	08/20/01	RM	SW8260
Isopropylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Methyl Ethyl Ketone	ND	3000	ug/Kg	08/20/01	RM	SW8260
ethylene chloride	ND	500	ug/Kg	08/20/01	RM	SW8260
n-Butylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260

Client ID: WATERBURY ROLLING B-30 2-4 Phoenix I.D. AD51866

Parameter	Result	RL	Units	Date	Time by	Reference
n-Propylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Naphthalene	39000	250	ug/Kg	08/20/01	RM	SW8260
p-Isopropyltoluene	ND	250	ug/Kg	08/20/01	RM	SW8260
sec-Butylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Styrene	ND	250	ug/Kg	08/20/01	RM	SW8260
tert-Butylbenzene	ND	250	ug/Kg	08/20/01	RM	SW8260
Tetrachloroethene	ND	250	ug/Kg	08/20/01	RM	SW8260
Toluene	ND	250	ug/Kg	08/20/01	RM	SW8260
trans-1,2-Dichloroethene	ND	250	ug/Kg	08/20/01	RM	SW8260
trans-1,3-Dichloropropene	ND	250	ug/Kg	08/20/01	RM	SW8260
Trichloroethene	ND	250	ug/Kg	08/20/01	RM	SW8260
Trichlorofluoromethane	ND	250	ug/Kg	08/20/01	RM	SW8260
Vinyl chloride	ND	250	ug/Kg	08/20/01	RM	SW8260
Xylenes, total	ND	250	ug/Kg	08/20/01	RM	SW8260
%4-Bromofluorobenzene (Surrogate)	87		%	08/20/01	RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, unknown material from C12 to C36.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
August 23, 2001

PHOENIX

Environmental Laboratories, In

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH

QC Report

AD51867 August 23, 2001

Sample ID AD51867

Analysis: **ICP Metals Analysis QC** *AD51867*

QC Source: ERA 99104 MIN ERA 99109M VHB IPC 1+2 Analyte	Blank	QC Check Sample (% Rec.)	QC Spike Sample (% Rec.)	QC Sample Replicate (% change)
Ag Silver	<0.01	98	99	NC
Al Aluminum	<0.05	100	102	NC
As Arsenic	<0.05	99	123	NC
B Boron	<0.10	98	90	NC
Ba Barium	<0.01	97	104	0.0
Be Beryllium	<0.01	100	110	NC
Ca Calcium	<0.10	93	100	NC
Cd Cadmium	<0.01	99	116	NC
Co Cobalt	<0.01	99	107	NC
Cr Chromium	<0.01	100	108	NC
Cu Copper	<0.01	101	107	13
Fe Iron	<0.05	101	101	NC
K Potassium	<0.10	100	97	NC
Mg Magnesium	<0.01	94	96	NC
Mn Manganese	<0.01	99	106	NC
Mo Molybdenum	<0.05	100	106	NC
Na Sodium	<0.10	97	100	NC
Ni Nickel	<0.01	98	106	NC
Pb Lead	<0.01	99	116	NC
Se Selenium	<0.05	97	104	NC
V Vanadium	<0.01	101	106	NC
Zn Zinc	<0.01	101	109	NC

Analysis: **Volatiles (MS) Analysis QC** *AD51867*

Analyte	Matrix Spike (%Rec)	Matrix Spike Dup (%Rec)	Relative %Diff (%D)
Benzene	102%	102%	0%
Chlorobenzene	98%	96%	2%
1,1-Dichloroethylene	122%	125%	2%
Toluene	104%	94%	10%
Trichloroethylene	94%	94%	0%

No analytes were detected in the applicable method blanks above the stated detection limits with the following exceptions:

(NONE)

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 3[illegible], Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823
Client Services (860) 645-8726

CHAIN OF CUSTODY RECORD

DATE RCVD: _____

Customer: MPI
Address: 100 Roscommon Dr Suite 100 / Middletown CT 06457

Project: Waterbury Rolling Mill (WRM)
Report To: Harold Moritz
Invoice To: Harold Moritz

Project P.O.: _____
Phone #: (860) 635-3400
Fax #: (860) 632-0038

Client Sample – Information – Identification

Sampler's Signature: X [signature] Date: 8/15/01

Analysis Requested

Item #	Customers Sample Ident	Sample Matrix	Date	Time	ETPH	8260B (SCLP)	Total & SPLP Cu	VOA VIALS	PL/GL ( ) HNO3 + 40ml	PE/GL ( ) + NaOH ( )	PL/GL ( ) AS IS	GL + H2SO4 ( )	Field Filtered + HNO3 ( )	Bacteria Bottle	PHOENIX SAMPLE #
1	B-22/MP-4 (0-2-4)	SO.	8/14/01	8:45	X	X	X	4	1						51858
2	B-23 (0-2)	"	"	11:00	X	X	X	4	1						51859
3	B-24 (0-2)	"	"	12:00	X	X	X	4	1						51860
4	B-25 (4-6)	"	"	14:00	X	X	X	4	1						51861
5	B-27 (6-8)	"	"	14:45	X	X	X	4	1						51862
6	B-26/MP-5 (0-2)	"	8/15/01	9:30	X	X	X	4	1						51863
7	B-28 (2-4)	"	"	11:30	X	X	X	4	1						51864
8	B-29 (0-2)	"	"		X	X	X	4	1						51865
9	B-30 (2-4)	"	"		X	X	X	4	1						51866
															51867

Item #	Relinquished by:	Accepted by:	Date:	Time:
1-9	[signature]	[signature]	8-15-01	16:25
1-9	[signature]		8-15-01	17:43

Comments: ETPH - CT (E)TPH
8260B - Collu[illegible] Method 5035
Copper - Total & SPLP

Standard lab turnaround is 10 working days. Accelerated turnarounds are always available. Check with office on prevailing surcharge. ACCELERATED TURN-AROUND TIME REQUESTED: ___1 ___2 ___3 ___4 ___5 working days.

QC

Pickling Line
Confirmatory
Soil Sample Data

WATERBURY ROLLING MILLS
240 East Aurora Street
Waterbury, CT 06708-2024

Location Collected:
Date Sample Collected: 10/22/1998
Sample Description: 402 Dirt
CAS Project Number: 2151-98
CAS Sample Number: 9810772
Date Sample Received: 10/22/1998

Parameter	Data	Quantitation Limit	Units	Analysis Date
pH	11.6			10/26/98
Synthetic Rain Leaching Procedure				10/28/98
Leachable Metals Digestion - Method SW846				10/28/98
Silver, Leachate	BQL	0.036	mg/L	10/28/98
Arsenic, Leachate	BQL	0.10	mg/L	10/28/98
Barium, Leachate	BQL	1.0	mg/L	10/28/98
Cadmium, Leachate	BQL	0.010	mg/L	10/28/98
Chromium, Leachate	BQL	0.050	mg/L	10/28/98
Mercury, Leachate	BQL	0.0020	mg/L	10/28/98
Le Leachate	BQL	0.060	mg/L	10/28/98
Selenium, Leachate	BQL	0.20	mg/L	10/28/98

BQL = Below Quantitation Limit

* Certification *

Connecticut Certified Laboratory Number: PH 0558

New York Certified Laboratory Number: 10916

Massachusetts Certified Laboratory Number: CT 020

The above analyses were conducted in accordance with:

1. APHA Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

2. Clean Water Act, List of Approved Test Procedures, 40 CFR.

3. EPA Test Methods for the Evaluation of Solid Waste, SW-846, 3rd Edition, December, 1987.

WATERBURY ROLLING MILLS
240 East Aurora Street
Waterbury, CT 06708-2024

Location Collected:
Date Sample Collected: 02/09/1998
Sample Description: 403 Dirt
EAS Project Number: 0230-98
EAS Sample Number: 9801215
Date Sample Received: 02/09/1998

Parameter	Data	Quantitation Limit	Units	Analysis Date
Leachable Metals Digestion - Method SW846				02/17/98
Silver, SPLP Leachate	BQL	0.036	mg/L	02/19/98
Arsenic, SPLP Leachate	BQL	0.050	mg/L	02/19/98
Barium, SPLP Leachate	BQL	1.0	mg/L	02/19/98
Cadmium, SPLP Leachate	BQL	0.0050	mg/L	02/19/98
Chromium, SPLP Leachate	BQL	0.050	mg/L	02/19/98
Copper, SPLP Leachate	BQL	0.20	mg/L	02/19/98
Mercury, SPLP Leachate	BQL	0.0020	mg/L	02/19/98
Lead, SPLP Leachate	BQL	0.015	mg/L	02/17/98
[illegible]enium, SPLP Leachate	BQL	0.050	mg/L	02/19/98
Synthetic Rain Leaching Procedure				02/11/98

BQL = Below Quantitation Limit

* Certification *

Connecticut Certified Laboratory Number: PH 0558

New York Certified Laboratory Number: 10916

Massachusetts Certified Laboratory Number: CT 020

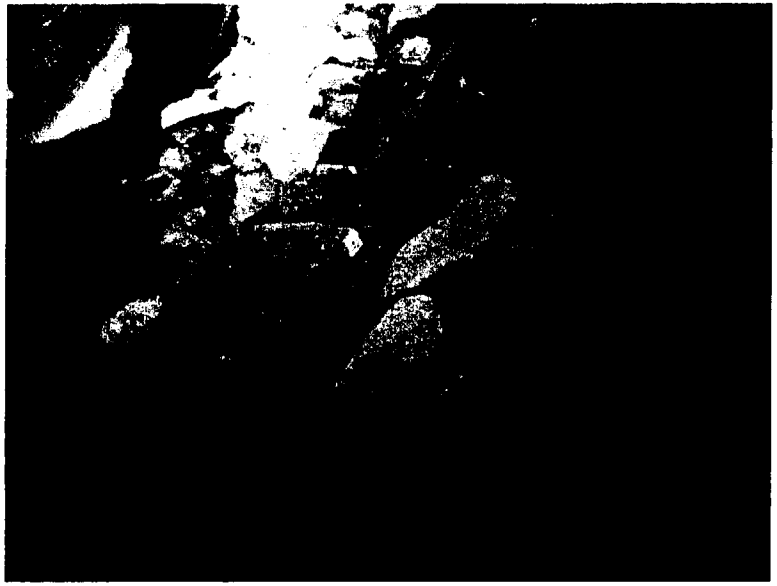
The above analyses were conducted in accordance with:

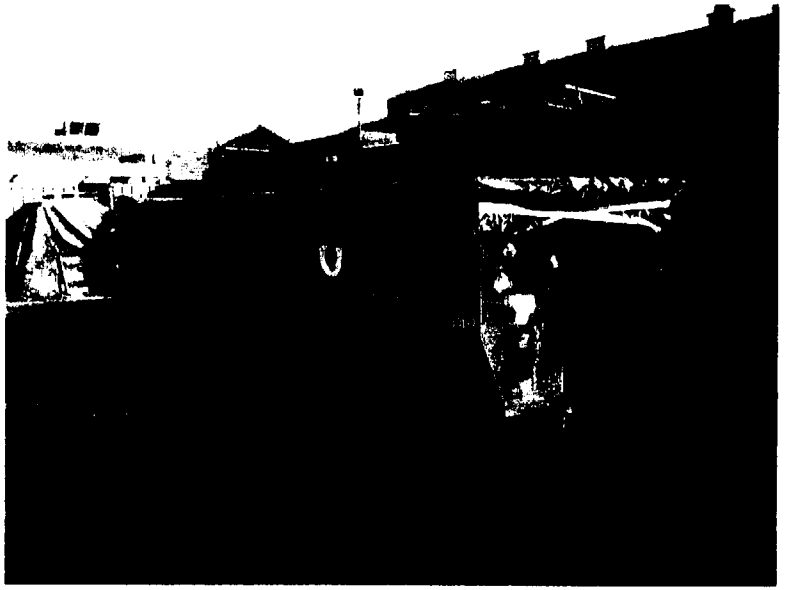
1. APHA Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.

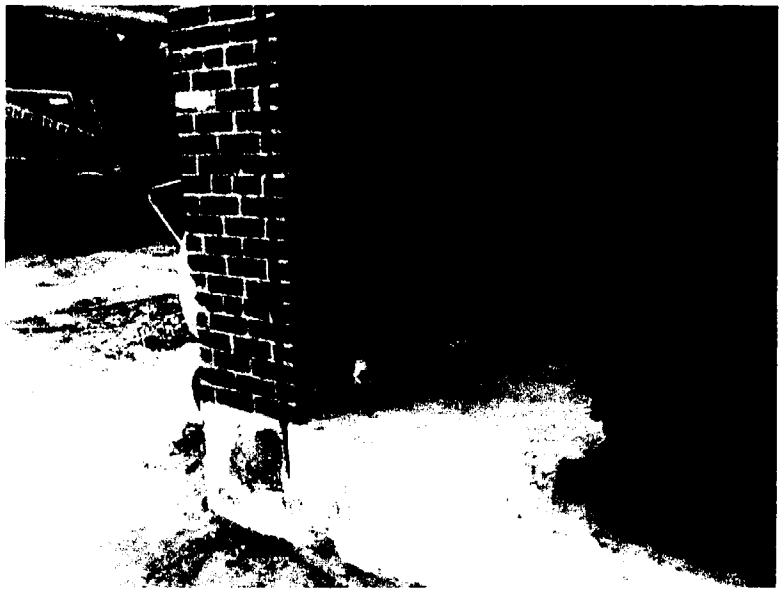
2. Clean Water Act, List of Approved Test Procedures, 40 CFR.

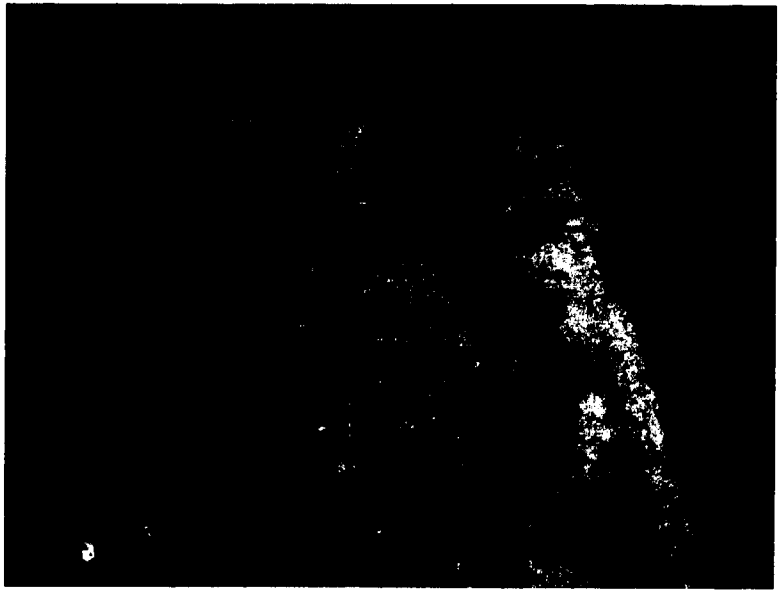
3. EPA Test Methods for the Evaluation of Solid Waste, SW-846, 3rd Edition, December, 1987.

Appendix E
Photo's
Transformer Storage Shed
SWMU #3









Appendix F
Supplemental Phase III
Investigation Data

Waterbury Rolling Mills
Phase III Supplemental Investigation

Summary of Soil Results

Waste Oil Storage Pad Area (WOSP)

Boring ID	ETPH (mg/Kg)
B24 (0-2)	<10
B24 (2-4)	<10
B24 (6-8)	<10
B25 (0-5)	<10
B25 (10-12)	<10
B25 (6-8)	<10
B26 (0-5)	<10
B26 (10-12)	<10
B26 (6-8)	<10
B27 (0-2)	<10
B27 (2-4)	<10
B27 (6-8)	<10
B28 (0-2)	150
B28 (10-12)	<10
B28 (2-4)	<10

UST Area D6/ E7

Boring ID	ETPH (mg/Kg)
B29 (0-2)	86
B29 (10-12)	**1000**
B29 (2-4)	<10
B30 (0-2)	**720**
B30 (10-12)	**1800**
B30 (2-4)	**570**
B31 (0-2)	67
B31 (10-12)	**2400**
B31 (2-4)	<10
B35 (0-5)	350
B35 (10-12)	**15000**
B31 (2-4)	<10

UST Area F8

Boring ID	ETPH (mg/Kg)
B33 (0-2)	**87**
B33 (15-17)	**570**
B33 (2-4)	<10
B32 (0-5)	<10
B32 (10-12)	**7300**
B32 (5-7)	**570**
B34 (0-2)	**1600**
B34 (13-15)	**5600**
B34 (2-4)	**1500**
MP-38 (0.5-2)	<10
MP-38 (2-4)	<10
MP-38 (8-10)	**9600**
MP-39 (0.5-2)	<10
MP-39 (2-4)	**6400**
MP-39 (8-10)	**8600**

UST Area A1/ B4

Boring ID	ETPH (mg/Kg)
B01 (0-2)	<10
B01 (10-12)	**44000**
B01 (2-4)	<10
B02 (0-2)	<10
B02 (2-4)	<10
B02 (5-7)	320
B03 (0-2)	<10
B03 (10-12)	**57000**
B03 (5-7)	<10
B04 (0-2)	370
B05 (0-2)	**530**
B04 (10-12)	330
B05 (10-12)	**4500**
B04 (2-4)	120
B05 (2-4)	130

UST Area C5

Boring ID	ETPH (mg/Kg)
B06 (0-2)	34
B06 (10-12)	**2600**
B06 (2-4)	450
B07 (0-5)	410
B07 (10-12)	**7300**
B07 (5-7)	96
B08 (0-5)	<10
B08 (10-12)	**8100**
B08 (5-7)	**3100**
B09 (0-5)	500
B09 (10-12)	**1300**
B09 (5-7)	**3400**
B10 (0-5)	250
B10 (10-12)	**6100**
B10 (5-7)	**1200**
MP-40 (0_5-2)	<10
MP-40 (4-6)	<10
MP-40 (10-12)	**8000**

CTDEP Criteria

RDEC	500
IDEC	2500
GBPMC	2500

Soil Samples collected March - April 2005
Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exposure Criteria
IDEC - Industrial Direct Exposure Criteria
GBPMC - Pollutant Mobility Criteria applicable to a GB Class groundwater area

Summary of Soil Results
Baghouse Area

Analyte	Criteria			B11 (0-5)	B11 (5-7)	B12 (0-2)	B12 (2-4)	B12 (10-12)	B14 (0-2)	B14 (2-4)	B14 (10-12)	B15 (0-2)
	RDEC	IDEC	GAPMC	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005
Cadmium (mg/Kg)	34	1,000	NA	10.2	16	12.1	5.02	2.83	8.83	4.89	0.571	1.85
Chromium (mg/Kg)	NE	NE	NA	11.6	11	10.9	8.64	11.1	55.7	9.83	9.43	11.6
Copper (mg/Kg)	2,500	76,000	NA	**9,290**	**5,080**	**11,300**	**7,140**	2,340	1,550	**12,800**	441	**6,860**
Lead (mg/Kg)	400	1,000	NA	63.4	62.9	57.6	20.8	14.8	91.6	18.9	10.8	38.3
Nickel (mg/Kg)	1,400	7,500	NA	558	306	798	737	200	167	853	19.6	655
Zinc (mg/Kg)	20,000	610,000	NA	3,980	1,540	9,460	3,270	1,820	732	2,510	99	3,160
SPLP Cadmium (mg/L)	NA	NA	0.005	<0.005	0.019	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005
SPLP Chromium (mg/L)	NA	NA	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.049	<0.01	<0.01	<0.01
SPLP Copper (mg/L)	NA	NA	1.3	0.701	0.827	0.592	4.7	0.922	0.379	**1.5**	0.07	**1.66**
SPLP Lead (mg/L)	NA	NA	0.015	**0.043**	**0.035**	<0.015	0.019	<0.015	**0.073**	<0.015	<0.015	**0.018**
SPLP Nickel (mg/L)	NA	NA	0.1	0.063	0.059	0.063	0.213	0.068	0.089	0.159	<0.01	0.273
SPLP Zinc (mg/L)	NA	NA	5	0.691	0.888	0.557	2.1	0.629	0.308	0.691	0.058	1.34

Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exsposure Criteria
IDEC - Industrial Direct Exspousure Criteria
GBPMC - Pollutant Mobility Criteria applicable to a GB Class groundwater area

Waterbury Rolling Mills
Phase III Suplementary Investigation

Summary of Soil Results
Baghouse Area

Analyte	Criteria			B15 (2-4)	B15 (10-12)	B16 (0-2)	B16 (2-4)	B16 (10-12)	B17 (0-2)	B17 (2-4)	B17 (10-12)	B18 (0-2)
	RDEC	IDEC	GAPMC	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005
Cadmium (mg/Kg)	34	1,000	NA	3.26	0.656	1.94	<0.5	<0.5	32.4	3.27	2.79	<0.5
Chromium (mg/Kg)	NE	NE	NA	8.96	12.7	23.6	24.5	18.5	18.4	9.89	10.5	26.6
Copper (mg/Kg)	2,500	76,000	NA	1,790	154	395	945	119	**6,640**	**3,000**	374	50
Lead (mg/Kg)	400	1,000	NA	82.2	9.58	115	30.4	8.88	10.1	20.4	10.6	5.53
Nickel (mg/Kg)	1,400	7,500	NA	212	27.9	102	253	12.7	555	345	135	14.3
Zinc (mg/Kg)	20,000	610,000	NA	1,050	403	911	249	139	3,380	1,500	1,030	50
SPLP Cadmium (mg/L)	NA	NA	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.013**	<0.005	<0.005	<0.005
SPLP Chromium (mg/L)	NA	NA	0.05	<0.01	<0.01	0.012	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SPLP Copper (mg/L)	NA	NA	1.3	0.442	0.141	0.173	<0.01	0.029	**1.62**	0.959	0.244	<0.01
SPLP Lead (mg/L)	NA	NA	0.015	**0.053**	<0.015	**0.109**	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
SPLP Nickel (mg/L)	NA	NA	0.1	0.068	0.021	0.033	0.016	<0.01	0.338	0.175	0.136	<0.01
SPLP Zinc (mg/L)	NA	NA	5	0.21	0.251	0.398	<0.01	0.036	0.912	0.613	0.619	0.013

Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exsposure Criteria
IDEC - Industrial Direct Exspousure Criteria
GBPMC - Pollutant Mobility Criteria applicable to a GB Class groundwater area

Summary of Soil Results
Baghouse Area

Analyte	Criteria			B18 (2-4)	B18 (10-12)	B19 (0-2)	B19 (2-4)	B19 (10-12)	B20 (0-2)	B20 (2-4)	B20 (10-12)	B20R (0-2)
	RDEC	IDEC	GAPMC	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/11/2005
Cadmium (mg/Kg)	34	1,000	NA	4.12	1.9	10.6	4.85	1.52	5.63	8.07	<0.5	2.99
Chromium (mg/Kg)	NE	NE	NA	10.7	8.08	8.49	6.29	7.34	16.7	9.11	9.48	12.5
Copper (mg/Kg)	2,500	76,000	NA	2,660	123	**3,240**	**4,550**	318	**4,610**	2,020	85	**4,880**
Lead (mg/Kg)	400	1,000	NA	19.7	4.93	23.3	25.5	6.52	54.6	51.9	7.5	26.9
Nickel (mg/Kg)	1,400	7,500	NA	352	25.2	254	409	68.2	541	216	12.6	637
Zinc (mg/Kg)	20,000	610,000	NA	1,560	415	2,060	2,800	422	1,940	2,620	74	1,590
SPLP Cadmium (mg/L)	NA	NA	0.005	<0.005	<0.005	**0.007**	**0.006**	<0.005	<0.005	<0.005	<0.005	<0.005
SPLP Chromium (mg/L)	NA	NA	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SPLP Copper (mg/L)	NA	NA	1.3	0.846	0.057	**1.61**	**3.25**	0.085	0.309	0.406	0.13	0.073
SPLP Lead (mg/L)	NA	NA	0.015	**0.02**	<0.015	**0.024**	**0.025**	<0.015	<0.015	**0.021**	<0.015	<0.015
SPLP Nickel (mg/L)	NA	NA	0.1	0.17	0.013	0.114	0.21	0.041	0.05	0.064	0.012	0.118
SPLP Zinc (mg/L)	NA	NA	5	0.553	0.166	1.41	2.58	0.287	0.161	0.408	0.104	0.075

Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exsposure Criteria
IDEC - Industrial Direct Exspousure Criteria
GBPMC - Pollutant Mobility Criteria applicable to a GB Class groundwater area

Waterbury Rolling Mills
Phase III Suplementary Investigation

Summary of Soil Results
Baghouse Area

Analyte	Criteria			B20R (2-4)	B20R (10-12	B21 (0-2)	B21 (2-4)	B21 (10-12)	B22 (0-5)	B22 (5-7)	B22 (10-12)
	RDEC	IDEC	GAPMC	4/11/2005	4/11/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005	4/6/2005
Cadmium (mg/Kg)	34	1,000	NA	13.5	<0.5	4.11	16.5	10.6	4	6.66	1.7
Chromium (mg/Kg)	NE	NE	NA	13.9	10.1	7.99	10.1	8.98	22	12.2	19.8
Copper (mg/Kg)	2,500	76,000	NA	**7,150**	295	**3,020**	**6,790**	153	**5,210**	119	311
Lead (mg/Kg)	400	1,000	NA	49.2	5.17	53.9	109	5.79	108	11.3	10.6
Nickel (mg/Kg)	1,400	7,500	NA	216	52.7	273	594	45.4	143	54.7	34
Zinc (mg/Kg)	20,000	610,000	NA	3,050	380	1,260	5,750	1,080	663	2,060	559
SPLP Cadmium (mg/L)	NA	NA	0.005	<0.005	<0.005	**0.007**	<0.005	<0.005	<0.005	<0.005	<0.005
SPLP Chromium (mg/L)	NA	NA	0.05	<0.01	<0.01	0.016	<0.01	<0.01	<0.01	<0.01	<0.01
SPLP Copper (mg/L)	NA	NA	1.3	0.288	0.047	**1.74**	**1.31**	0.157	0.456	0.052	0.145
SPLP Lead (mg/L)	NA	NA	0.015	<0.015	<0.015	0.177	0.043	<0.015	0.046	<0.015	<0.015
SPLP Nickel (mg/L)	NA	NA	0.1	0.051	0.011	0.2	0.064	0.018	0.016	0.021	0.011
SPLP Zinc (mg/L)	NA	NA	5	0.287	0.09	2.82	1.48	0.332	0.116	0.456	0.189

Bold - Value exceeds one or more criteria
RDEC - Residential Direct Exsposure Criteria
IDEC - Industrial Direct Exspousure Criteria
GBPMC - Pollutant Mobility Criteria applicable
to a GB Class groundwater area

Waterbury Rolling Mills
Phase III Supplemental Investigation

Summary of Groundwater Analytical Results
Sampled April 2005

Analyte	SWPC	MP-6	MP-8	MP-9	MP-10	MP-12	MP-16	MP-17	MP-18	MP-19	MP-20	MP-21	MP-22	MP-23	MP-24	MP-26
ETPH mg/L																
Ext. Petroleum HC	NE	NA	<0.1	<0.1	<0.1	0.72	<0.1	NA	9.2	16	<0.1	6.3	<0.1	NA	NA	9.6
Metals (Dissolved) mg/L																
Arsenic	86	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.007	0.007	<0.004
Calcium	NE	8.36	15.4	19.9	23.5	14.3	4.32	36.6	50.1	59.8	68.2	42.7	23.6	12.3	44.2	35.3
Chromium	NE	<0.001	<0.001	<0.001	<0.001	0.022	<0.001	0.292	0.012	0.021	<0.001	0.001	<0.001	<0.001	<0.001	0.001
Copper	0.048	<0.001	0.029	0.003	**0.197**	**0.064**	0.001	**44.2**	**0.348**	**3.12**	**0.126**	**0.18**	<0.001	<0.001	<0.001	0.047
Lead	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.02**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Mercury	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.88	0.005	0.124	0.005	0.025	0.029	0.073	**2.7**	**4.16**	0.876	0.126	**1.14**	0.01	0.007	0.016	0.044
Selenium	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Silver	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	0.123	0.027	**1.31**	0.016	**0.151**	0.011	**0.272**	**16.1**	**18.3**	**4.63**	**1.08**	**4.04**	0.734	0.025	0.02	**0.871**

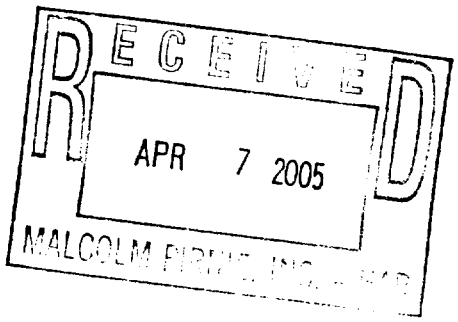
Analyte	SWPC	MP-28	MP-30	MP-31	MP-32	MP-33	MP-34	MP-35	MP-36	MP-37	MP-38	MP-39	MP-40	HA-1	HA-2	HA-4
ETPH mg/L																
Ext. Petroleum HC	NE	NA	NA	NA	NA	NA	22	NA	<0.1	11	15	11	3.8	NA	5.7	5.3
Metals (Dissolved) mg/L																
Arsenic	86	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Calcium	NE	40.5	6.02	39.3	11.2	12.1	41.2	19.2	7.02	50.5	70.1	64.7	52.9	68.5	39.3	43.5
Chromium	NE	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	0.003	0.006	<0.001	0.009	0.049	0.031
Copper	0.048	<0.001	0.003	0.002	0.001	<0.001	<0.001	0.006	**0.403**	0.014	<0.001	**5.23**	<0.001	**42.1**	0.003	**0.755**
Lead	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	<0.001	<0.001	<0.001	<0.001
Mercury	0.0004	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	0.88	0.003	0.008	0.006	0.005	0.009	0.033	0.006	0.044	0.026	0.011	**3.76**	0.008	**6.2**	0.04	**0.129**
Selenium	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Silver	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	0.123	0.016	0.023	0.019	0.018	0.008	**0.573**	0.053	**0.192**	**0.229**	0.012	**16.7**	0.038	**38.1**	**0.126**	**0.713**

SWPC - Surface Water Protection Criteria for Substances in GW discharging to a SW body

Bold - Exceeds Criteria
NE - Not Established
NA- Not Analyzed

PHOENIX
Environmental Laboratories, Inc.

Wednesday, April 06, 2005



Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown CT 06457

Attention: Mr Brian McCarthy

Sample ID#: AG30412-30421

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	8:15
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG30412
Phoenix I.D.: AG30412

Client ID: WRM MP-38 (0.5-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/02/05		JRB	M8100CT
Identification	ND		mg/Kg	04/02/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	8:20
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30413

Laboratory Data

Client ID: WRM MP-38 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/04/05		O/P	E160.3
xtraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/02/05		JRB	M8100CT
Identification	ND		mg/Kg	04/02/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	9:00
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30414

Laboratory Data

Client ID: WRM MP-38 (8-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	9600	10	mg/Kg	04/04/05		JRB	M8100CT
Identification	**		mg/Kg	04/04/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	10:35
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30415

Laboratory Data

Client ID: WRM MP-39 (0.5-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	85		%	04/04/05		O/P	E160.3
xtraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/02/05		JRB	M8100CT
Identification	ND		mg/Kg	04/02/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	10:45
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG30412
Phoenix I.D.: AG30416

Client ID: WRM MP-39 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	6400	10	mg/Kg	04/04/05		JRB	M8100CT
Identification	**		mg/Kg	04/04/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	11:31
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30417

Laboratory Data

Client ID: WRM MP-39 (8-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	8600	10	mg/Kg	04/04/05		JRB	M8100CT
Identification	**		mg/Kg	04/04/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	14:30
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30418

Laboratory Data

Client ID: WRM MP-40 (0.5-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/02/05		JRB	M8100CT
Identification	ND		mg/Kg	04/02/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	15:10
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30419

Laboratory Data

Client ID: WRM MP-40 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	85		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/02/05		JRB	M8100CT
Identification	ND		mg/Kg	04/02/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		03/31/05	15:50
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30420

Laboratory Data

Client ID: WRM MP-40 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	04/04/05		O/P	E160.3
Extraction of CT ETPH	Completed			04/01/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	8000	10	mg/Kg	04/04/05		JRB	M8100CT
Identification	**		mg/Kg	04/04/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 06, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		03/31/05	16:15
Location Code:	MPI	Received by:	LB	04/01/05	14:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG30412
Phoenix I.D.: AG30421

Laboratory Data

Client ID: WRM FB33105

Parameter	Result	RL	Units	Date	Time	By	Reference
Extraction of CT ETPH	Completed			04/01/05		M/B	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/05/05		JRB	M8100CT
Identification	ND		mg/L	04/05/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 06, 2005

QA/QC Data

SDG I.D.: GAG30412

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG30412 (AG30412, AG30413, AG30414, AG30415, AG30416, AG30417, AG30418, AG30419, AG30420)					
TPH by GC (Extractable Products)					
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND	99	97	94	3.1
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				
QA/QC Batch Sample No: AG30460 (AG30421)					
TPH by GC (Extractable Products)					
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND		106	98	7.8
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample

Phyllis Shiller, Laboratory Director
April 06, 2005

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C of

Data Delivery (check one):
☐ Fax #:
☒ Email: DBROCKMEYER@PHNIX.COM
Format: ☒ Excel ☐ Pdf ☐ Gis Key

Customer: MPI
Address: 100 KOSCIUSZKO Drive Suite 100
MIDDLETOWN CT 06457

Project: WRM
Report to: BRIAN McCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date:

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	30412	MP 38(0.5-2)	S	3/31/05	8:15	X		1								
	30413	MP-38(2-4)	S	3/31/05	8:20	X										
	30414	MP-38(8-10)	S	3/31/05	9:00	X										
	30415	MP-39(0.5-2)	S	3/31/05	10:35	X										
	30416	MP-39(2-4)	S	3/31/05	10:45	X										
	30417	MP-39(8-10)	S	3/31/05	11:31	X										
	30418	MP-40(0.5-2)	S	3/31/05	14:30	X										
	30419	MP-40(4-6)	S	3/31/05	15:10	X										
	30420	MP-40(10-12)	S	3/31/05	15:50	X										
	30421	FB33105	W	3/31/05	16:15	X			2							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/1/05	1:40
[signature]	Shawn Wilhelm	4/1/05	14:40

Comments, Special Requirements or Regulations:
* SAMPLES MAY BE OILY

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☒ Res. Criteria
☐ GW Protection
☐ GA Mobility
☒ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 21, 2005

Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown CT 06457

Attention: Mr Brian McCarthy

Sample ID#: AG32510-32540

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:13
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32510

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 05 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	96		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	370	10	mg/Kg	04/13/05		JRB	M8100CT
Identification	**		mg/Kg	04/13/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:13
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32511

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 05 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	95		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	120	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C30 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:28
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32512

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 05 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	330	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C10 to C30 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:37
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG32510
Phoenix I.D.: AG32513

Client ID: WATERBURY ROLLING MILLS B 07 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	410	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C10 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:45
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32514

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 07 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	96	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C19 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	8:50
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32515

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 07 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	7300	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:08
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32516

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 09 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		D	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	500	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:13
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32517

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 09 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	61		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	3400	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:20
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32518

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 09 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	64		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	1300	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:35
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32519

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 08 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	ND		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:43
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32520

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 08 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/11/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	3100	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	9:47
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32521

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 08 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	8100	10	mg/Kg	04/14/05		JRB	M8100CT
Identification	**		mg/Kg	04/14/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:00
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32522

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 10 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	250	10	mg/Kg	04/13/05		JRB	M8100CT
Identification	**		mg/Kg	04/13/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C16 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:07
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32523

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 10 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1200	10	mg/Kg	04/14/05		JRB	M8100CT
Identification	**		mg/Kg	04/14/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:15
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32524

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 10 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	6100	10	mg/Kg	04/14/05		JRB	M8100CT
Identification	**		mg/Kg	04/14/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:34
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32525

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 06 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	34	10	mg/Kg	04/13/05		JRB	M8100CT
Identification	**		mg/Kg	04/13/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:34
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32526

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 06 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	04/12/05	-	O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	450	10	mg/Kg	04/13/05		JRB	M8100CT
Identification	**		mg/Kg	04/13/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	10:50
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32527

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 06 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/12/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/12/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2600	10	mg/Kg	04/14/05		JRB	M8100CT
Identification	**		mg/Kg	04/14/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:03
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32528

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 20R (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	2.99	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
Chromium	12.5	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
Copper	4880	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	637	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	26.9	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EK	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Copper	0.073	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	0.118	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EK	E1312/SW6010
SPLP Zinc	0.075	0.01	mg/L	04/14/05		EK	E1312/SW6010
Zinc	1590	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	89		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:03
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32529

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 20R (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	13.5	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
Chromium	13.9	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
Copper	7150	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	216	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	49.2	0.5	mg/Kg	04/14/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EK	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Copper	0.288	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	0.051	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EK	E1312/SW6010
SPLP Zinc	0.287	0.01	mg/L	04/14/05		EK	E1312/SW6010
Zinc	3050	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	80		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:14
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32530

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 20R (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.5	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Chromium	10.1	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	295	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	52.7	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	5.17	0.5	mg/Kg	04/13/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EK	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Copper	0.047	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	0.011	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EK	E1312/SW6010
SPLP Zinc	0.09	0.01	mg/L	04/14/05		EK	E1312/SW6010
Zinc	380	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	84		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:43
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32531

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 38 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	24800	500	mg/Kg	04/19/05		EK	6010/E200.7
SPLP Copper	1.86	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	86		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:47
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32532

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 38 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	4410	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
PLP Copper	0.417	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	93		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	11:47
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32533

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 38 (7-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	241	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
SPLP Copper	0.344	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	97		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:05
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32534

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 37 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	193000	5000	mg/Kg	04/15/05		M/E	6010/E200.7
PLP Copper	0.602	0.01	mg/L	04/18/05		EKT	E1312/SW6010
Percent Solid	76		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/13/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/13/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:05
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32535

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 37 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	91000	5000	mg/Kg	04/15/05	-	M/E	6010/E200.7
SPLP Copper	0.159	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	83		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:08
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32536

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 37 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	2840	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
SPLP Copper	0.36	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	88		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:18
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32537

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 36 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	53800	500	mg/Kg	04/15/05		M/E	6010/E200.7
SPLP Copper	1.41	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	74		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:19
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32538

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 36 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	5480	50.0	mg/Kg	04/15/05	-	M/E	6010/E200.7
PLP Copper	0.888	0.01	mg/L	04/14/05		EK	E1312/SW6010
ercent Solid	92		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:	DB	04/11/05	12:24
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32539

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 36 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Copper	3090	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
SPLP Copper	0.67	0.01	mg/L	04/14/05		EK	E1312/SW6010
Percent Solid	87		%	04/12/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
Total Metals Digest	Completed			04/12/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 22, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	DB	04/11/05	12:45
Location Code:	MALCPIR	Received by:	SW	04/11/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG32510
Phoenix I.D.: AG32540

Laboratory Data

Client ID: WATERBURY ROLLING MILLS FB041105

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.001	0.001	mg/L	04/13/05	-	EK	6010/E200.7
Chromium	< 0.001	0.001	mg/L	04/13/05		EK	200.7/6010
Copper	< 0.001	0.001	mg/L	04/13/05		EK	6010/E200.7
Nickel	0.001	0.001	mg/L	04/13/05		EK	200.7/6010
Lead (Furnace)	< 0.001	0.001	mg/L	04/14/05		RS	7421/S3113B
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EK	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Copper	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	< 0.01	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Lead	0.026	0.015	mg/L	04/14/05		EK	E1312/SW6010
SPLP Zinc	0.061	0.01	mg/L	04/14/05		EK	E1312/SW6010
Zinc	0.003	0.002	mg/L	04/13/05		EK	200.7/6010
Extraction of CT ETPH	Completed			04/11/05		B/R	3550/5030
SPLP Extraction for Metals	Completed			04/12/05		O	EPA 1312
SPLP Metals Digestion	Completed			04/12/05		O	SW846-3005
Total Metals Digestion	Completed			04/12/05		AG	
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/13/05		JRB	M8100CT
Identification	ND		mg/L	04/13/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 22, 2005

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG30895 (AG32528, AG32529, AG32530, AG32531, AG32532, AG32533, AG32535, AG32536, AG32537, AG32538, AG32539, AG32540)						
ICP Metals - Aqueous Extraction						
Arsenic	BDL	105	NC	100	138	31.9
Barium	BDL	94.0	1.40	89.4	123	31.6
Cadmium	BDL	97.8	NC	91.4	127	32.6
Chromium	BDL	94.8	NC	89.2	123	31.9
Copper	BDL	100	NC	98.6	130	27.5
Lead	BDL	93.7	0.8	87.0	119	31.1
Nickel	BDL	93.7	NC	86.8	120	32.1
Selenium	BDL	109	NC	103	143	32.5
Silver	BDL	103	NC	97.4	133	30.9
	BDL	98.2	1.50	90.4	122	29.8

Comment: MSD was outside of acceptance criteria. Sample matrix/homogenity issues are suspected. The LCS was within control and the post digestion spike was within control.

QA/QC Batch Sample No: AG32365 (AG32528, AG32529)

ICP Metals - Soil

Aluminum	BDL	123	20.6	NC	NC	NC
Antimony	BDL	97.4	NC	74.7	75.0	0.4
Arsenic	BDL	99.1	NC	82.9	82.6	0.4
Barium	BDL	110	NC	90.9	90.0	1.0
Beryllium	BDL	103	NC	85.1	84.2	1.1
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	99.2	NC	82.3	80.2	2.6
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	107	NC	89.6	89.0	0.7
Cobalt	BDL	106	NC	84.8	83.9	1.1
Copper	BDL	111	NC	91.8	109	17.1
Iron	1.0	143	12.0	NC	76.9	NC
Lead	BDL	103	NC	79.2	78.9	0.4
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	111	4.00	105	138	27.2
›bdenum	BDL	---	---	---	---	NC
Nickel	BDL	104	NC	82.3	82.9	0.7

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	95.5	NC	79.2	79.9	0.9
Silver	BDL	105	NC	87.7	86.3	1.6
Sodium				---		NC
Thallium	BDL	99.5	NC	80.2	79.6	0.8
Tin	3.0	---	---	---	---	NC
Vanadium	BDL	105	NC	89.2	87.8	1.6
Zinc	BDL	97.2	NC	76.7	80.7	5.1

QA/QC Batch Sample No: AG32533 (AG32530, AG32531, AG32532, AG32533, AG32534, AG32535, AG32536, AG32537, AG32538, AG32539)

ICP Metals - Soil

Aluminum	0.7	97.8	10.9	86.0	NC	NC
Antimony	BDL	91.8	NC	75.6	75.1	0.7
Arsenic	BDL	93.7	NC	85.0	83.4	1.9
Barium	BDL	100	NC	88.1	85.8	2.6
Beryllium	BDL	97.5	NC	87.3	85.7	1.8
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	97.7	NC	84.8	83.8	1.2
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	99.5	NC	84.1	77.3	8.4
Cobalt	BDL	99.6	NC	87.4	85.9	1.7
Copper	BDL	102	8.70	66.6	-11.8	NC
Iron	BDL	131	3.50	NC	NC	NC
Lead	BDL	97.7	NC	86.5	83.6	3.4
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	104	NC	106	93.6	12.4
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	98.1	NC	85.3	82.3	3.6
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	88.3	NC	80.1	78.6	1.9
Silver	BDL	97.2	NC	89.0	86.6	2.7
Sodium				---		NC
Thallium	BDL	95.8	NC	83.7	82.6	1.3
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	98.6	NC	87.4	84.3	3.6
Zinc	BDL	94.0	NC	68.8	44.5	42.9

Comment: The MS/MSD for Cu and Zn were outside of acceptance criteria.Sample matrix/homogenity issues are suspected.The LCS was within control and post digestion spike was89%

QA/QC Batch Sample No: AG32717 (AG32534)

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
ICP Metals - Aqueous Extraction						
Arsenic	BDL	110	NC	111	109	1.8
Barium	BDL	95.8	0.4	94.8	95.2	0.4
Cadmium	BDL	95.4	NC	88.8	89.6	0.9
Chromium	BDL	107	NC	104	104	0.0
Copper	BDL	106	NC	104	103	1.0
Lead	BDL	98.1	0.4	NC	120	NC
Nickel	BDL	93.8	0.4	NC	NC	NC
Selenium	BDL	114	NC	114	114	0.0
Silver	BDL	99.8	NC	98.0	98.4	0.4
Zinc	BDL	106	2.40	102	104	1.9
QA/QC Batch Sample No: AG32774 (AG32540)						
ICP Metals - Aqueous						
Aluminum	BDL	92.3	29.0	101	100	1.0
Antimony	BDL	90.5	NC	99.2	96.4	2.9
Arsenic	BDL	92.8	NC	101	98.2	2.8
Barium	BDL	94.3	1.00	103	101	2.0
Beryllium	BDL	95.2	NC	103	101	2.0
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	95.4	NC	103	101	2.0
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	94.3	NC	102	99.6	2.4
Cobalt	BDL	95.5	NC	103	101	2.0
Copper	BDL	95.8	NC	104	102	1.9
Iron	BDL	95.0	27.8	108	109	0.9
Lead	BDL	95.2	NC	103	101	2.0
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	97.0	2.80	105	103	1.9
Molybdenum	BDL	---	---	---	---	NC
Nickel	0.001	94.1	NC	101	99.6	1.4
Phosphorus	BDL	---	---	---	---	NC
Selenium	BDL	91.8	NC	99.2	97.2	2.0
Silver	BDL	93.6	NC	102	101	1.0
Thallium	BDL	93.5	NC	102	99.5	2.5
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	93.1	NC	101	98.7	2.3
Zinc	BDL	92.6	NC	101	98.7	2.3
QA/QC Batch Sample No: AG32774 (AG32540)						
Lead Analysis by Furnace	BDL	96.8	NC	98.5		NC
QA/QC Batch Sample No: AG32774 (AG32540)						

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Thallium	BDL	100.2	NR	102.2		NC

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 22, 2005

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG31969 (AG32540)					
TPH by GC (Extractable Products)					
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND		91	99	8.4
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				
Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.					
QA/QC Batch Sample No: AG32510 (AG32510, AG32511, AG32512, AG32513, AG32514, AG32515, AG32516, AG32517, AG32518, AG32519, AG32520)					
TPH by GC (Extractable Products)					
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND	82	64	47	30.6
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				
QA/QC Batch Sample No: AG32521 (AG32521, AG32522, AG32523, AG32524, AG32525, AG32526, AG32527)					
TPH by GC (Extractable Products)					
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND	94			
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				

QA/QC Data

SDG I.D.: GAG32510

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	95.5	NC	79.2	79.9	0.9
Silver	BDL	105	NC	87.7	86.3	1.6
Sodium				---		NC
Thallium	BDL	99.5	NC	80.2	79.6	0.8
Tin	3.0	---	---	---	---	NC
Vanadium	BDL	105	NC	89.2	87.8	1.6
Zinc	BDL	97.2	NC	76.7	80.7	5.1

QA/QC Batch Sample No: AG32533 (AG32530, AG32531, AG32532, AG32533, AG32534, AG32535, AG32536, AG32537, AG32538, AG32539).

ICP Metals - Soil

Aluminum	0.7	97.8	10.9	86.0	NC	NC
Antimony	BDL	91.8	NC	75.6	75.1	0.7
Arsenic	BDL	93.7	NC	85.0	83.4	1.9
Barium	BDL	100	NC	88.1	85.8	2.6
Beryllium	BDL	97.5	NC	87.3	85.7	1.8
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	97.7	NC	84.8	83.8	1.2
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	99.5	NC	84.1	77.3	8.4
Cobalt	BDL	99.6	NC	87.4	85.9	1.7
Copper	BDL	102	8.70	66.6	-11.8	NC
Iron	BDL	131	3.50	NC	NC	NC
Lead	BDL	97.7	NC	86.5	83.6	3.4
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	104	NC	106	93.6	12.4
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	98.1	NC	85.3	82.3	3.6
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	88.3	NC	80.1	78.6	1.9
Silver	BDL	97.2	NC	89.0	86.6	2.7
Sodium				---		NC
Thallium	BDL	95.8	NC	83.7	82.6	1.3
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	98.6	NC	87.4	84.3	3.6
Zinc	BDL	94.0	NC	68.8	44.5	42.9

low recovery, high concentration

Comment: The MS/MSD for Cu and Zn were outside of acceptance criteria.Sample matrix/homogenity issues are suspected.The LCS was within control and post digestion spike was89%

QA/QC Batch Sample No: AG32717 (AG32534)

Surrogate	Method QC Criteria	
	Percent Recovery (Water)	Percent Recovery (Soil/Sediment)
Nitrobenzene-d_5 (B/N)	35-114	23-120
2-Fluorobiphenyl (B/N)	43-116	30-115
Terphenyl-d_{14} (B/N)	33-141	18-137
Phenol-d_5 (Acid)	10-110	24-113
2-Fluorophenol (Acid)	21-110	25-121
2,4,6-Tribromophenol (Acid)	10-123	19-122
2-Chlorophenol-d_4 (Acid)	33-110 (advisory)	20-130 (advisory)
1,2-Dichlorobenzene-d_4 (B/N)	16-110 (advisory)	20-130 (advisory)

If two or more acid or base neutral surrogate compounds fail to meet their recovery acceptance criteria, the laboratory should check calculations, sample preparation logs, the surrogate compound spiking solutions, and the instrument operation. If sample surrogate recoveries do not meet the acceptance criteria, as a result of the above mentioned problems or other unknown problems, the sample should be re-extracted and reanalyzed to determine if the sample matrix is interfering with the surrogate recoveries. Re-extraction and reanalysis are not required if the sample is a QC sample and both the matrix spike and matrix spike duplicate surrogate recoveries failed to meet the acceptance criteria. Reanalysis is required if the failed surrogate recoveries are the result of instrument malfunction. If the sample was re-extracted and reanalyzed and the surrogate recoveries were acceptable in the reanalysis, then only the reanalysis should have been submitted. However, if the re-extracted/reanalyzed sample also recovers the surrogates outside of the acceptance limits, then both analyses should have been submitted.

*The MS/MSD % recovery is calculated using the following equation:

$$Matrix\ Spike\ Recovery = \frac{SSR - SR}{SA} X\ 100$$

Where,

SSR = Spiked Sample Result
SR = Sample Result
SA = Spike Added

**The MS/MSD relative percent difference (RPD) is calculated using the following equation:

$$Relative\ Percent\ Difference = \frac{|MSR - MSDR|}{1/2\ (MSR + MSDR)} x\ 100$$

Where,

MSR = Matrix Spike Recovery
MSDR = Matrix Spike Duplicate Recovery

Note: The vertical bars in the formula indicate the absolute value of the difference, hence the RPD is always positive.

SECTION IX: FIELD DUPLICATE CRITERIA

Refer to Region 1, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, Part II, Section VOA/SV-IX-B for field duplicate data validation criteria.

SECTION X: SENSITIVITY CHECK CRITERIA

Refer to Region 1, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, Part II, Section VOA/SV-X-B for sensitivity check data validation criteria.

SECTION XI: PE SAMPLES - ACCURACY CHECK CRITERIA

Refer to Region 1, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, Part II, Section VOA/SV-XI-B for accuracy check data validation criteria.

SECTION XII: TARGET COMPOUND IDENTIFICATION CRITERIA

Refer to Region 1, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, Part II,

SECTION VIII: MATRIX SPIKE/ MATRIX SPIKE DUPLICATE CRITERIA

Refer to Region 1, EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses, Part II, Section VOA/SV-VIII-B for MS/MSD data validation criteria and the following method MS/MSD QC criteria:

A matrix spike and matrix spike duplicate must be extracted and analyzed for each group of samples of a similar matrix for each SDG, or each matrix within an SDG or each group of samples of a similar concentration level. The following advisory matrix spike compound recoveries and RPDs are listed below:

MS/MSD base neutral compounds 1,4-dichlorobenzene, N-nitroso-di-n-propylamine, 1,2,4-trichlorobenzene, acenaphthene, 2,4-dinitrotoluene, and pyrene are spiked at a concentration of 100 ug/mL and MS/MSD acid compounds phenol, 2-chlorophenol, 4-chloro-3-methylphenol, 4-nitrophenol, and pentachlorophenol are spiked at a concentration of 150 ug/mL.

Table App.B.VIII-1 - MATRIX SPIKE RECOVERY AND RELATIVE PERCENT DIFFERENCE LIMITS

Compound	Method QC Criteria			
	Water		Soil/Sediment	
	% Recovery*	RPD**	% Recovery	RPD
Phenol	12-110	42	26-90	35
2-Chlorophenol	27-123	40	25-102	50
1,4-Dichlorobenzene	36-97	28	28-104	27
N-Nitroso-di-n-propylamine	41-116	38	41-126	38
1,2,4-Trichlorobenzene	39-98	28	38-107	23
4-Chloro-3-methylphenol	23-97	42	26-103	33
Acenaphthene	46-118	31	31-137	19
4-Nitrophenol	10-80	50	11-114	50
2,4-Dinitrotoluene	24-96	38	28-89	47
Pentachlorophenol	9-103	50	17-109	47
Pyrene	26-127	31	35-142	36

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample

Phyllis Shiller, Laboratory Director
April 22, 2005

PHOENIX Environmental Laboratories, Inc.

CHAIN CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4°C of

Data Delivery (check one):
☐ Fax #:
☑ Email: DBROCKMEYER@DIRNIE.COM
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC.
Address: 100 KOSS COMMON DR MIDDLETOWN, CT

Project: WHITEBURY ROLLING MILLS
Report to: BRIAN McCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 635-3400
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dan Brockmeyer Date: 4/11/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	32510	B05(0-2)	S	4/11/05	8:13	X		1								
	32511	B05(2-4)	S		8:13	X		1								
	32512	B05(10-12)	S		8:28	X		1								
	32513	B07(0-5)	S		8:37	X		1								
	32514	B07(5-7)	S		8:45	X		1								
	32515	B07(10-12)	S		8:50	X		1								
	32516	B09(0-5)	S		9:08	X		1								
	32517	B09(5-7)	S		9:13	X		1								
	32518	B09(10-12)	S		9:20	X		1								
	32519	B08(0-5)	S		9:35	X		1								
	32520	B08(5-7)	S		9:43	X		1								
	32521	B08(10-12)	S	↓	9:47	X		1								

Relinquished by:	Accepted by:	Date:	Time:
Dan Brockmeyer		4/11/05	3:00
		4.11.05	16:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4° Pg of

Data Delivery (check one):
- ☐ Fax #:
- ☑ Email: DBROCKMEYER@PHOENIXLABS.COM
- Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: HALCOLM PIRNIE INC
Address: 100 KOSCOMMON DR MIDDLETOWN, CT

Project: WATERBURY ROLLING MILLS
Report to: BRIAN M. CAHILLY
Invoice to:

Project P.O: 0284316
Phone #: (860) 635-3400
Fax #:

Client Sample - Information - Identification

Sampler's Signature: David Brockmeyer Date 4/11/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	Total & SPLP (Cd, Cr, Cu, Pb, Ni, Zn)	Total & SPLP (Cu)	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	32522	B10(0-5)	S	4/11/05	10:00	X				1								
	32523	B10(5-7)	S		10:07	X				1								
	32524	B10(10-12)	S		10:15	X				1								
	32525	B06(0-2)	S		10:34	X				1								
	32526	B06(2-4)	S		10:34	X				1								
	32527	B06(10-12)	S		10:50	X				1								
	32528	B20R(0-2)	S		11:03		X			1								
	32529	B20R(2-4)	S		11:03		X			1								
	32530	B20R(10-12)	S		11:14		X			1								
	32531	B38(0-5)	S		11:43			X		1								
	32532	B38(5-7)	S		11:47			X		1								
	32533	B38(7-10)	S	✓	11:47			X		1								

Relinquished by:	Accepted by:	Date:	Time:
D. Brockmeyer	[illegible]	4/11/05	3:00
[illegible]	[illegible]	4.11.05	16:00

Comments, Special Requirements or Regulations:

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ Standard
- ☐ Other

* Surcharge Applies

Requirements for CT/RI
- ☐ Res. Criteria
- ☐ GW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protection
- ☐ Res. Vol.
- ☐ Ind. Vol.

Requirements for MA
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MCP Certification
- ☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4.0°C of 1

Data Delivery (check one):
☐ Fax #:
☑ Email: DBRUCKMEYER@PIRNIE.COM
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 RUSCOMMON DR
MIDDLETOWN, CT

Project: Waterbury Rolling Mills
Report to: BRIAN McCARTHY
Invoice to:

Project P.O: ~~05~~ 02843.16
Phone #: (860) 635-3400
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 4/11/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TOTAL & SPLP (Cu)	TCLP (Cd, Cr, Cu, Ni, Pb) & SPLP	ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	32534	B37(0-2)	S	4/11/05	12:05	X				1								
	32535	B37(2-4)	S		12:05	X				1								
	32536	B37(4-6)	S		12:08	X				1								
	32537	B36(0-2)	S		12:18	X				1								
	32538	B36(2-4)	S		12:11	X				1								
	32539	B36 ~~(6-8)~~ (4-6)	S		12:24	X				1								
	32540	FB041105	W		12:45		X	X				2			2			

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/11/05	3:00
[signature]	[signature]	4.11.05	16.00

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification #
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Wednesday, April 20, 2005

Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown CT 06457

Attention: Mr Brian McCarthy

Sample ID#: AG31708-31796

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31708

Client ID: WATERBURY ROLLING MILLS B 33 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		H/L	3550/5030
ETPH by GC (Extractable Products)							
Petroleum HC	87	10	mg/Kg	04/12/05		JRB	M8100CT
Identification	**		mg/Kg	04/12/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31709

Client ID: WATERBURY ROLLING MILLS B 33 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		H/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31710

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 33 (15-17)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	77		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		H/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	570	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	**		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31711

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 34 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		H/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1600	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	**		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C18 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31712

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 34 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1500	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	**		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C18 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31713

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 34 (13-15)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	52		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	5600	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31714

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 32 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31715

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 32 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	570	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31716

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 32 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	04/08/05		O/E	E160.3
xtraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	7300	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31717

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 35 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	350	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31718

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 29 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	86		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1000	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	**		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31719

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 27 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31720

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 26 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31721

Client ID: WATERBURY ROLLING MILLS B 26 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31722

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 26 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31723

Client ID: WATERBURY ROLLING MILLS B 25 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31724

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 25 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31725

Client ID: WATERBURY ROLLING MILLS B 25 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31726

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 24 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31727

Client ID: WATERBURY ROLLING MILLS B 24 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31728

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 24 (6-8)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
xtraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31729

Client ID: WATERBURY ROLLING MILLS FB 040505 A

Parameter	Result	RL	Units	Date	Time	By	Reference
Extraction of CT ETPH	Completed			04/07/05		M/B	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/09/05		JRB	M8100CT
Identification	ND		mg/L	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31730

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 35 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
PH by GC (Extractable Products)							
Ext. Petroleum HC	15000	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31731

Client ID: WATERBURY ROLLING MILLS B 31 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	67	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31732

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 31 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/07/05		L/O	3550/5030
PH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/08/05		JRB	M8100CT
Identification	ND		mg/Kg	04/08/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31733

Client ID: WATERBURY ROLLING MILLS B 31 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2400	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31734

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 30 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	720	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31735

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 30 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	570	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31736

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 30 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
PH by GC (Extractable Products)							
Ext. Petroleum HC	1800	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31737

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 29 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	86	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	0:00
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31738

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 29 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	04/08/05		O/E	E160.3
xtraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	14:03
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31739

Client ID: WATERBURY ROLLING MILLS B 28 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	14:15
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31740

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 28 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	14:32
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31741

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 01 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	14:32
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31742

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 01 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	83		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	14:45
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31743

Client ID: WATERBURY ROLLING MILLS B 01 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	44000	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	15:03
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31744

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 02 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	15:03
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31745

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 02 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	15:10
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31746

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 02 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	320	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 20, 2005

FOR: Attn: Mr Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/05/05	15:14
Location Code:	MALCPIR	Received by:	SW	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG31708
Phoenix I.D.: AG31747

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B 03 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	8:05
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31748

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B20 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	5.63	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	16.7	0.5	mg/Kg	04/08/05		EKT	6010/E200.7
Copper	4610	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	541	5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	54.6	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.309	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.05	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.161	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	1940	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	89		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	8:15
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31749

Client ID: WATERBURY ROLLING MILLS B20 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	8.07	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	9.11	0.5	mg/Kg	04/08/05		EKT	6010/E200.7
Copper	2020	5	mg/Kg	04/13/05		EK	6010/E200.7
Nickel	216	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Lead	51.9	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.406	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.064	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	0.021	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.408	0.01	mg/L	04/13/05		EKT	E1312/SW6010
Zinc	2620	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	69		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	8:30
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31750

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B20 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.5	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	9.48	5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	85.3	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Nickel	12.6	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Lead	7.5	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.13	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.012	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.104	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	73.5	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Percent Solid	88		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	9:27
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31751

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B19 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	10.6	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	8.49	5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	3240	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	254	5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	23.3	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	0.007	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	1.61	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.114	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	0.024	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	1.41	0.01	mg/L	04/13/05		EKT	E1312/SW6010
Zinc	2060	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	91		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	9:27
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31752

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B19 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	4.85	0.5	mg/Kg	04/08/05		EK	6010/E200.7
ıromium	6.29	5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	4550	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	409	5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	25.5	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	0.006	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	3.25	0.10	mg/L	04/18/05		EK	E1312/SW6010
SPLP Nickel	0.21	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	0.025	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	2.58	0.01	mg/L	04/13/05		EKT	E1312/SW6010
Zinc	2800	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	86		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	9:36
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31753

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B19 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	1.52	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	7.34	5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	318	5	mg/Kg	04/13/05		EK	6010/E200.7
Nickel	68.2	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Lead	6.52	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.085	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.041	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.287	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	422	5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	88		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	9:38
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31754

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B18 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.5	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Chromium	26.6	5	mg/Kg	04/13/05		EK	6010/E200.7
Copper	49.9	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Nickel	14.3	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Lead	5.53	0.5	mg/Kg	04/08/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	< 0.01	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.013	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	50.1	0.5	mg/Kg	04/08/05		EK	6010/E200.7
Percent Solid	95		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/07/05		AG/	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	9:38
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31755

Client ID: WATERBURY ROLLING MILLS B18 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	4.12	0.5	mg/Kg	04/12/05		EK	6010/E200.7
Chromium	10.7	0.5	mg/Kg	04/12/05		EK	6010/E200.7
Copper	2660	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	352	5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	19.7	0.5	mg/Kg	04/12/05		EK	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.846	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.17	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	0.02	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.553	0.01	mg/L	04/13/05		EKT	E1312/SW6010
Zinc	1560	5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	83		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

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ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:02
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31756

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B18 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	1.9	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	8.08	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	123	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Nickel	25.2	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	4.93	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.057	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.013	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.166	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	415	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	79		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:12
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31757

Client ID: WATERBURY ROLLING MILLS B15 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	1.85	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	11.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	6860	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	655	5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	38.3	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	1.66	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.273	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	0.018	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	1.34	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	3160	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	89		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:12
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31758

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B15 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	3.26	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	8.96	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	1790	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	212	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	82.2	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.442	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.068	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	0.053	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.21	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	1050	5	mg/Kg	04/14/05		EK	6010/E200.7
Percent Solid	90		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:25
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31759

Client ID: WATERBURY ROLLING MILLS B15 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	0.656	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	12.7	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	154	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Nickel	27.9	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	9.58	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.141	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Nickel	0.021	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.251	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	403	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	83		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:40
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31760

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B16 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	1.94	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	23.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	395	5	mg/Kg	04/14/05		EK	6010/E200.7
Nickel	102	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	115	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	0.012	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.173	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.033	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	0.109	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.398	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	911	5	mg/Kg	04/14/05		EK	6010/E200.7
Percent Solid	87		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:40
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31761

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B16 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.5	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Chromium	24.5	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Copper	945	5	mg/Kg	04/14/05		EK	6010/E200.7
Nickel	253	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	30.4	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	< 0.01	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.016	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	< 0.01	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	249	0.5	mg/Kg	04/12/05		EK	6010/E200.7
Percent Solid	86		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	10:54
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31762

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B16 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.5	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	18.5	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	119	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Nickel	12.7	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	8.88	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.029	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.036	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	139	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	80		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	11:10
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31763

Client ID: WATERBURY ROLLING MILLS B12 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	12.1	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	10.9	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	11300	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	798	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	57.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.592	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.063	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.557	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	9460	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	88		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	11:10
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31764

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B12 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	5.02	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	8.64	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	7140	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	737	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	20.8	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	4.70	0.01	mg/L	04/15/05		M/E	E1312/SW6010
SPLP Nickel	0.213	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	0.019	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	2.1	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	3270	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	90		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	11:25
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31765

Client ID: WATERBURY ROLLING MILLS B12 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	2.83	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	11.1	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	2340	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	200	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	14.8	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.922	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.068	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.629	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	1820	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	88		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	11:37
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31766

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B11 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	10.2	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	11.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	9290	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	558	5	mg/Kg	04/14/05		EK	6010/E200.7
Lead	63.4	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.701	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.063	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	0.043	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.691	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	3980	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	89		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	11:45
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31767

Client ID: WATERBURY ROLLING MILLS B11 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	16	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	11	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	5080	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	306	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	62.9	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	0.019	0.005	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Copper	0.827	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Nickel	0.059	0.01	mg/L	04/13/05		EK	E1312/SW6010
SPLP Lead	0.035	0.015	mg/L	04/13/05		EKT	E1312/SW6010
SPLP Zinc	0.888	0.01	mg/L	04/13/05		EK	E1312/SW6010
Zinc	1540	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	89		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	12:48
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31768

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B14 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	8.83	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	55.7	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	1550	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	167	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	91.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	0.049	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.379	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.089	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	0.073	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.308	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	732	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	92		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	12:48
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31769

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B14 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	4.89	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	9.83	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	12800	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	853	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	18.9	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	1.5	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.159	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.691	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	2510	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	82		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	13:03
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31770

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B14 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	0.571	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	9.43	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	441	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	19.6	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	10.8	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.07	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.058	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	99.2	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Percent Solid	81		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	13:15
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31771

Client ID: WATERBURY ROLLING MILLS B17 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	32.4	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	18.4	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	6640	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	555	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	10.1	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	0.013	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	1.62	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.338	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.912	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	3380	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	90		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		O	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

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Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	13:15
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31772

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B17 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	3.27	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	9.89	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	3000	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	345	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	20.4	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.959	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.175	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.613	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	1500	0.50	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	90		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	13:27
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31773

Client ID: WATERBURY ROLLING MILLS B17 (10-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	2.79	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	10.5	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	374	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	135	0.5	mg/Kg	04/13/05		EK	6010/E200.7
Lead	10.6	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.244	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.136	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.619	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	1030	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	81		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	DB	04/06/05	13:37
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31774

Laboratory Data

Client ID: WATERBURY ROLLING MILLS FB040605A

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.001	0.001	mg/L	04/12/05		EK	6010/E200.7
Chromium	< 0.001	0.001	mg/L	04/12/05		EK	200.7/6010
Copper	< 0.001	0.001	mg/L	04/12/05		EK	6010/E200.7
Nickel	< 0.001	0.001	mg/L	04/12/05		EK	200.7/6010
Lead (Furnace)	< 0.001	0.001	mg/L	04/11/05		RS	7421/S3113B
Zinc	< 0.002	0.002	mg/L	04/12/05		EK	200.7/6010
Total Metals Digestion	Completed			04/07/05		AG	

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	14:03
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31775

Client ID: WATERBURY ROLLING MILLS B28 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	150	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31776

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B21 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	4.11	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
romium	7.99	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	3020	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	273	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Lead	53.9	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	0.007	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	0.016	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	1.74	0.10	mg/L	04/15/05		M/E	E1312/SW6010
SPLP Nickel	0.2	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	0.177	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	2.82	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	1260	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	93		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31777

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B21 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	16.5	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Chromium	10.1	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
Copper	6790	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Nickel	594	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Lead	109	0.5	mg/Kg	04/13/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	1.31	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.064	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	0.043	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	1.48	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	5750	50.0	mg/Kg	04/18/05		EK	6010/E200.7
Percent Solid	79		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/08/05		MA	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31778

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B21 (10-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	10.6	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Chromium	8.98	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Copper	153	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Nickel	45.4	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Lead	5.79	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.157	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.018	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.332	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	1080	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	89		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31779

Client ID: WATERBURY ROLLING MILLS B22 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	4	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Chromium	22	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Copper	5210	50.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	143	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Lead	108	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.456	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.016	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	0.046	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.116	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	663	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Percent Solid	64		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31780

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B22 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	6.66	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Chromium	12.2	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Copper	119	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Nickel	54.7	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Lead	11.3	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.052	0.01	mg/L	04/14/05		EK	E1312/SW6010
SPLP Nickel	0.021	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.456	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	2060	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	74		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31781

Client ID: WATERBURY ROLLING MILLS B22 (10-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	1.7	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Chromium	19.8	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Copper	311	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Nickel	34	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
Lead	10.6	0.5	mg/Kg	04/12/05		EKT	6010/E200.7
SPLP Cadmium	< 0.005	0.005	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Chromium	< 0.01	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Copper	0.145	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Nickel	0.011	0.01	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	04/14/05		EKT	E1312/SW6010
SPLP Zinc	0.189	0.01	mg/L	04/14/05		EKT	E1312/SW6010
Zinc	559	5.0	mg/Kg	04/15/05		M/E	6010/E200.7
Percent Solid	87		%	04/08/05		O/E	E160.3
SPLP Extraction for Metals	Completed			04/10/05		o	EPA 1312
Total Metals Digest	Completed			04/11/05		AG	SW846 - 3050
SPLP Metals Digestion	Completed			04/10/05		O	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	DB	04/06/05	15:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31782

Laboratory Data

Client ID: WATERBURY ROLLING MILLS FB040505

Parameter	Result	RL	Units	Date	Time	By	Reference
Cadmium	< 0.001	0.001	mg/L	04/14/05		EKT	6010/E200.7
romium	< 0.001	0.001	mg/L	04/14/05		EKT	200.7/6010
pper	< 0.001	0.001	mg/L	04/14/05		EKT	6010/E200.7
Nickel	< 0.002	0.002	mg/L	04/14/05		EKT	200.7/6010
Lead (Furnace)	< 0.001	0.001	mg/L	04/14/05		RS	7421/S3113B
Zinc	0.002	0.002	mg/L	04/14/05		EKT	200.7/6010
Total Metals Digestion	Completed			04/11/05		AG	

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31783

Client ID: WATERBURY ROLLING MILLS B27 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	0:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31784

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B27 (2-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	95		%	04/08/05		O/E	E160.3
raction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	15:33
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31785

Client ID: WATERBURY ROLLING MILLS B03 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	57000	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information
Matrix: SOIL
Location Code: MALCPIR
Rush Request:
P.O.#:

Custody Information		Date	Time
Collected by:	DB	04/06/05	15:46
Received by:	DL	04/07/05	16:00
Analyzed by:	see "By" below		

SDG I.D.: GAG31708
Phoenix I.D.: AG31786

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B05 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/L	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	530	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	15:46
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31787

Client ID: WATERBURY ROLLING MILLS B05 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	91		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	130	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	**		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	16:00
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31788

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B05 (10-12)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	04/08/05		O/E	E160.3
raction of CT ETPH	Completed			04/08/05		S/O	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	4500	10	mg/Kg	04/11/05		JRB	M8100CT
Identification	**		mg/Kg	04/11/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:	DB	04/06/05	16:05
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAG31708
Phoenix I.D.: AG31789

Client ID: WATERBURY ROLLING MILLS FB040605B

Parameter	Result	RL	Units	Date	Time	By	Reference
Extraction of CT ETPH	Completed			04/07/05		M/B	3550/5030
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/09/05		JRB	M8100CT
Identification	ND		mg/L	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 20, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DB	04/06/05	15:27
Location Code:	MALCPIR	Received by:	DL	04/07/05	16:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAG31708
Phoenix I.D.: AG31796

Laboratory Data

Client ID: WATERBURY ROLLING MILLS B03 (5-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	04/08/05		O/E	E160.3
Extraction of CT ETPH	Completed			04/08/05		S/O	3550/5030
ETPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	04/09/05		JRB	M8100CT
Identification	ND		mg/Kg	04/09/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 20, 2005

QA/QC Data

SDG I.D.: GAG31708

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG31545 (AG31774)						
ICP Metals - Aqueous						
Aluminum	BDL	97.3	0.7	88.3	89.1	0.9
Antimony	BDL	95.5	NC	96.1	97.9	1.9
Arsenic	BDL	98.2	NC	98.9	101	2.1
Barium	BDL	99.8	NC	99.2	100	0.8
Beryllium	BDL	99.6	NC	99.2	101	1.8
Boron	BDL		BDL			
Cadmium	BDL	100	NC	98.8	101	2.2
Calcium	BDL		BDL			
Chromium	BDL	99.9	NC	98.4	100	1.6
Cobalt	BDL	101	NC	99.6	101	1.4
Copper	BDL	101	NC	101	102	1.0
Iron	BDL	101	1.70	98.5	100	1.5
Lead	BDL	105	NC	103	104	1.0
Magnesium	BDL		BDL			
Manganese	0.001	101	1.60	99.0	101	2.0
Molybdenum	BDL		BDL			
Nickel	BDL	100	NC	97.9	99.5	1.6
Phosphorus	BDL		BDL			
Selenium	BDL	96.7	NC	97.3	99.1	1.8
Silver	BDL	94.6	NC	95.8	97.2	1.5
Thallium	BDL	99.7	NC	96.8	98.8	2.0
Tin	BDL		BDL			
Vanadium	BDL	102	NC	102	103	1.0
Zinc	BDL	98.4	NC	98.7	100	1.3
QA/QC Batch Sample No: AG31545 (AG31774)						
Lead Analysis by Furnace	BDL	99	NC	90		NC
QA/QC Batch Sample No: AG31545 (AG31774)						
Thallium	BDL	102.7	NC	91.5		NC
QA/QC Batch Sample No: AG31595 (AG31755)						
ICP Metals - Soil						
Aluminum	BDL	102	2.20	NC	NC	NC

QA/QC Data

SDG I.D.: GAG31708

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Antimony	BDL	92.3	NC	55.3	52.2	5.8
Arsenic	BDL	95.0	0.4	71.1	69.6	2.1
Barium	BDL	106	16.1	68.5	68.5	0.0
Beryllium	BDL	98.8	NC	71.2	70.4	1.1
Boron	BDL		BDL			
Cadmium	BDL	99.4	NC	65.6	63.9	2.6
Calcium	BDL		BDL			
Chromium	BDL	102	10.8	70.7	70.9	0.3
Cobalt	BDL	101	9.50	68.4	66.5	2.8
Copper	BDL	103	11.8	70.2	72.1	2.7
Iron	0.7	NC	10.8	NC	NC	NC
Lead	BDL	103	35.3	41.1	58.5	34.9
Magnesium	BDL		BDL			
Manganese	BDL	105	21.8	41.5	42.1	1.4
Molybdenum	BDL		BDL			
Nickel	BDL	99.9	33.4	57.1	55.3	3.2
Phosphorus	BDL		BDL			
Potassium						
Selenium	BDL	89.5	NC	67.3	66.4	1.3
Silicon	BDL	91.1	NC	303	344	12.7
Silver						
Thallium	BDL	97.1	NC	63.9	61.7	3.5
Tin	BDL		BDL			
Vanadium	BDL	103	76.3	3.50	1.60	74.5
Zinc	BDL	97.3	6.30	62.4	77.2	21.2
QA/QC Batch Sample No: AG31595 (AG31755)						
Mercury - Soil	BDL	104	NC	119	116	2.6

QA/QC Batch Sample No: AG31748 (AG31748, AG31749, AG31750, AG31751, AG31752, AG31753, AG31754, AG31755, AG31756, AG31757, AG31758, AG31759, AG31760, AG31761, AG31762, AG31763, AG31764, AG31765, AG31766, AG31767)

ICP Metals - Aqueous Extraction

Arsenic	BDL	94.8	NC	95.0	88.5	7.1
Barium	BDL	97.9	1.00	98.1	90.6	7.9
Cadmium	BDL	97.4	NC	97.2	90.4	7.2
Chromium	BDL	99.3	NC	99.6	92.4	7.5
Copper	BDL	101	3.00	99.5	86.3	14.2
Lead	BDL	102	NC	101	93.9	7.3
Nickel	BDL	97.8	NC	97.4	89.6	8.3
Selenium	BDL	94.0	NC	93.8	87.2	7.3
Silver	BDL	86.6	NC	87.4	80.0	8.8
Zinc	BDL	97.8	4.60	94.7	86.1	9.5

QA/QC Data

SDG I.D.: GAG31708

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG31761 (AG31756, AG31757, AG31758, AG31759, AG31760, AG31761, AG31762, AG31763, AG31764, AG31765, AG31766, AG31767, AG31768, AG31769, AG31770, AG31771, AG31772, AG31773, AG31776, AG31777)						
ICP Metals - Soil						
Aluminum	BDL	96.8	3.60	82.7	135	48.0
Antimony	BDL	90.3	NC	68.1	61.7	9.9
Arsenic	BDL	91.7	NC	80.9	73.9	9.0
Barium	BDL	103	NC	90.3	82.7	8.8
Beryllium	BDL	98.7	NC	86.1	79.5	8.0
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	96.3	NC	83.5	76.5	8.8
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	102	NC	83.9	82.1	2.2
Cobalt	BDL	98.9	NC	86.0	78.7	8.9
Copper	BDL	104	20.4	79.3	NC	NC
Iron	2.4	130	4.90	NC	NC	NC
Lead	BDL	100	NC	89.7	91.8	2.3
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	104	NC	90.6	86.7	4.4
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	97.8	8.20	139	175	22.9
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	86.7	NC	76.4	70.5	8.0
Silver	BDL	90.7	NC	83.2	74.8	10.6
Sodium				---		NC
Thallium	BDL	95.0	NC	81.1	74.0	9.2
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	103	NC	89.8	81.1	10.2
Zinc	BDL	92.9	1.40	76.8	121	44.7
QA/QC Batch Sample No: AG31768 (AG31768, AG31769, AG31770, AG31771, AG31772, AG31773, AG31776, AG31777, AG31778, AG31779, AG31780, AG31781)						
ICP Metals - Aqueous Extraction						
Arsenic	BDL	104	NC	104	105	1.0
Barium	BDL	110	1.10	109	110	0.9
Cadmium	BDL	103	NC	103	102	1.0
Chromium	BDL	108	NC	107	107	0.0
Copper	BDL	114	1.00	113	115	1.8
Lead	BDL	110	NC	108	109	0.9
Nickel	BDL	105	0.2	104	105	1.0
Selenium	BDL	103	NC	103	104	1.0

QA/QC Data

SDG I.D.: GAG31708

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Silver	BDL	60.0	NC	61.0	60.8	0.3
Zinc	BDL	104	1.80	103	104	1.0

QA/QC Batch Sample No: AG31962 (AG31748, AG31749, AG31750, AG31751, AG31752, AG31753, AG31754)

ICP Metals - Soil

Aluminum	BDL	97.9	5.70	NC	NC	NC
Antimony	BDL	90.7	NC	54.1	57.7	6.4
Arsenic	BDL	94.2	NC	72.0	77.8	7.7
Barium	BDL	101	NC	72.1	81.4	12.1
Beryllium	BDL	98.0	NC	75.9	78.9	3.9
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	99.1	NC	73.3	78.0	6.2
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	97.9	NC	85.8	77.2	10.6
Cobalt	BDL	101	NC	74.3	78.0	4.9
Copper	BDL	101	NC	62.3	76.8	20.8
Iron	0.9	139	7.50	NC	NC	NC
Lead	0.8	102	129	-68.1	137	NC
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	101	9.70	46.2	35.0	27.6
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	98.8	NC	72.0	78.3	8.4
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	86.7	NC	68.6	71.3	3.9
Silver	BDL	91.1	NC	72.3	75.6	4.5
Sodium				---		NC
Thallium	BDL	95.7	NC	71.4	75.0	4.9
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	97.7	NC	79.7	78.7	1.3
Zinc	BDL	93.6	49.7	-13.0	52.7	NC

Comment: The Lead MS, MSD and matrix duplicate were outside of acceptance criteria. Sample matrix/homogenity issues are suspected. The LCS was within control and the post digestion spike was 99%.

QA/QC Batch Sample No: AG32137 (AG31782)

ICP Metals - Aqueous

Aluminum	BDL	97.1	NC	97.5	94.7	2.9
Antimony	BDL	97.1	NC	99.2	97.2	2.0
Arsenic	BDL	99.7	NC	99.9	98.7	1.2
Barium	BDL	99.5	0.8	100	98.3	1.7
Beryllium	BDL	101	NC	102	99.6	2.4
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	105	NC	104	103	1.0

QA/QC Data

SDG I.D.: GAG31708

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	100	NC	101	98.8	2.2
Cobalt	BDL	102	NC	102	99.3	2.7
Copper	BDL	103	NC	104	101	2.9
Iron	BDL	104	0.4	108	94.5	13.3
Lead	BDL	101	NC	100	98.0	2.0
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	99.5	1.20	99.3	96.1	3.3
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	98.6	0	98.4	96.1	2.4
Phosphorus	BDL	---	---	---	---	NC
Selenium	BDL	96.0	NC	96.7	94.7	2.1
Silver	BDL	98.6	NC	99.2	97.0	2.2
Thallium	BDL	100	NC	100	98.7	1.3
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	97.1	NC	97.7	95.5	2.3
Zinc	0.002	95.8	0	96.6	94.3	2.4
QA/QC Batch Sample No: AG32137 (AG31782)						
Lead (Furnace)	BDL	99.6	NC	87.2		NC
QA/QC Batch Sample No: AG32358 (AG31778, AG31779, AG31780, AG31781)						
ICP Metals - Soil						
Aluminum	BDL	96.3	14.8	NC	90.5	NC
Antimony	BDL	88.8	NC	74.3	75.2	1.2
Arsenic	BDL	89.7	NC	82.0	81.6	0.5
Barium	BDL	101	NC	90.6	89.4	1.3
Beryllium	BDL	96.0	NC	86.3	86.1	0.2
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	95.0	NC	83.9	83.5	0.5
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	98.5	NC	86.4	86.9	0.6
Cobalt	BDL	95.8	NC	85.0	84.5	0.6
Copper	BDL	99.2	NC	89.7	90.5	0.9
Iron	BDL	127	8.60	NC	NC	NC
Lead	BDL	97.3	NC	86.1	86.1	0.0
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	101	NC	72.0	73.5	2.1
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	94.5	NC	83.2	83.2	0.0
Phosphorus	BDL	---	---	---	---	NC
Potassium				---		NC
Selenium	BDL	84.2	NC	77.6	77.2	0.5

QA/QC Data

SDG I.D.: GAG31708

.eter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
ilver	BDL	97.6	NC	88.8	88.1	0.8
odium				---		NC
hallium	BDL	92.4	NC	81.5	81.0	0.6
in	BDL	---	---	---	---	NC
anadium	BDL	99.2	NC	88.4	89.6	1.3
inc	BDL	90.6	NC	81.8	80.4	1.7

f there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample

Phyllis Shiller, Laboratory Director
April 20, 2005

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 1

Data Delivery (check one):
- ☐ Fax #:
- ☑ Email: DBuckley@HALEYALDRICH.COM
- Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: HALEY & ALDRICH INC
Address: 100 KOSCIUSZKO Dr
MIDDLETOWN, CT

Project: Waterbury Rolling Mills
Report to: Brian McCarthy
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dan Buckley Date: 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	TCL VOCs + Naphthalene	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
1	31708	B33(0-2)	S	4/5/05		X		1									
2	31709	B33(2-4)	S	4/5/05		X		1									
3		B33(6-8)	S	4/5/05		X	DB	1									
4	31710	B33(15-17)	S	4/5/05		X											
5	31711	B34(0-2)	S	4/5/05		X		1									
6	31712	B34(2-4)	S	4/5/05		X		1									
7	31713	B34(13-15)	S	4/5/05		X		1									
8	31714	B32(0-5)	S	4/5/05		X		1									
9	31715	B32(5-7)	S	4/5/05		X		1									
10	31716	B32(10-12)	S	4/5/05		X		1							1		
11	31717	B35(0-5)	S	4/5/05		X		1									
12		B35(6-8)	S	4/5/05		X	DB	1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	12:05
[signature]	[signature]	4-7-05	1600

Comments, Special Requirements or Regulations:
- SAMPLES incorrectly dated 4/6/05 on label

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ Standard
- ☐ Other

* Surcharge Applies

Requirements for CT/RI
- ☐ Res. Criteria
- ☐ GW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protection
- ☐ Res. Vol.
- ☐ Ind. Vol.

Requirements for MA
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MCP Certification
- ☐ Other

Temp 69C Pg 2 of 89

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery (check one):
☐ Fax #:
☑ Email: DBUCKMEYER@PIKNIC.COM
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 ROSS COMMON DD
MIDDLETOWN, CT

Project: WATERBURY ROLLING MILLS
Report to: BRIAN MCCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dan Buck Date 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
13	31718	B29(10-12)	S	4/5/05		X	1									
14	31719	B27(6-8)	S	4/5/05		X	1									
15	31720	B26(0-5)	S	4/5/05		X	1									
16	31721	B26(6-8)	S	4/5/05		X	1									
17	31722	B26(10-12)	S	4/5/05		X	1									
18	31723	B25(0-5)	S	4/5/05		X	1									
19	31724	B25(6-8)	S	4/5/05		X	1									
20	31725	B25(10-12)	S	4/5/05		X	1									
21	31726	B24(0-2)	S	4/5/05		X	1									
22	31727	B24(2-4)	S	4/5/05		X	1									
23	31728	B24(6-8)	S	4/5/05		X	1									
24	31729	FB040505A	W	4/5/05		X				2						

Relinquished by:	Accepted by:	Date:	Time:
		4/7/05	1:25
		4/7/05	1600

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Comments, Special Requirements or Regulations:
- SAMPLES ARE INCORRECTLY DATED 4/6/05 ON LABELS

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C 3 of 89

Data Delivery (check one):
☐ Fax #: _____
☑ Email: DBUCKMEYER@PHOENIX...
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 KUSCOMMON DR
MIDDLETOWN, CT

Project: Waterbury Rolling Mills
Report to: BRIAN M. LAWLOR
Invoice to: _____

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: David Buckmeyer Date 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml	PL HNO_3 250ml	PL NaOH 250ml	Bacteria Bottle
25	31730	B35(10-12)	S	4/5/05		X		1								
26	31731	B31(0-2)	S	4/5/05		X		1								
27	31732	B31(2-4)	S	4/5/05		X		1								
28		B31(5-7)	S	4/5/05		X		1								
29	31733	B31(10-12)	S	4/5/05		X		1								
30	31734	B30(0-2)	S	4/5/05		X		1								
31	31735	B30(2-4)	S	4/5/05		X		1								
32		B30(5-7)	S	4/5/05		X		1								
33	31736	B30(10-12)	S	4/5/05		X		1								
34	31737	B29(0-2)	S	4/5/05		X		1								
35	31738	B29(2-4)	S	4/5/05		X		1								
36		B29(4-6)	S	4/5/05		X		1								

Relinquished by:	Accepted by:	Date:	Time:
		4/7/05	12:25
		4/7/05	1600

Comments, Special Requirements or Regulations:
— SAMPLES INCORRECTLY DATED 4/6/05 ON LABELS

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Temp 6°C Pg 9 of 9

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery (check one):
- ☐ Fax #:
- ☑ Email: DBUCKMEYER@PIKNIC...
- Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 KUSCOMMON DR, MIDDLETOWN, CT

Project: WASTEK BUCKY Rolling Mills
Report to: BRIAN MCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7405
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dan Buck Date: 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
37	31739	B28(2-4)	S	4/6/05	14:03	X	1									
38		~~B28(5-7)~~	S	4/6/05	14:10	X	1									
39	31740	B28(10-12)	S	4/6/05	14:15	X	1									
40	31741	~~B01~~ B01(0-2)	S	4/6/05	14:32	X	1									
41	31742	B01(2-4)	S	4/6/05	14:32	X	1									
42		~~B01(5-7)~~	S	4/6/05	~~14:34~~ 14:39	X	1									
43	31743	B01(10-12)	S	4/6/05	14:45	X	1									
44	31744	B02(0-2)	S	4/6/05	15:03	X	1									
45	31745	B02(2-4)	S	4/6/05	15:03	X	1						1			
46	31746	B02(5-7)	S	4/6/05	15:10	X	1									
47	31747	B03(0-2)	S	4/6/05	15:14	X	1									
48		~~B03(5-7)~~	S	4/6/05	15:22	X	1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	12:15
[signature]	[signature]	4-7-05	1600

Comments, Special Requirements or Regulations:

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ Standard
- ☐ Other

* Surcharge Applies

Requirements for CT/RI
- ☐ Res. Criteria
- ☐ GW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protection
- ☐ Res. Vol.
- ☐ Ind. Vol.

Requirements for MA
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MCP Certification
- ☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C 54 of 84

Data Delivery (check one):
☐ Fax #:
☑ Email: DBROOKFIELD@PIRNIE.COM
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 ROSCOMMON DR
MIDDLETOWN, CT

Project: WHITE PLAINS KOLLING MILLS
Report to: RUTH McCARTHY
Invoice to:

Project P.O: 02047316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dan Brooks Date: 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request: Soil percent 4/8/05 (Cd, Cr, Cu, Pb, Ni, Zn)

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP's (Cd, Cr, Cu, Pb, Ni, Zn)	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] As is [ ] HCl	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
49	31748	B20(0-2)	S	4/6/05	8:05	X			1							
50	31749	B20(2-4)	S	4/6/05	8:15	X			1							
51		~~B20(5-7)~~	S	4/6/05	8:27	X		DB								
52	31750	B20(10-12)	S	4/6/05	8:30	X			1							
53	31751	BK(0-2)	S	4/6/05	9:27	X			1							
54	31752	BK1(2-4)	S	4/6/05	9:27	X			1							
55		~~BK(5-7)~~	S	4/6/05	9:30	X		DP								
56	31753	BK1(10-12)	S	4/6/05	9:36	X			1							
57	31754	B18~~(0-2)~~	S	4/6/05	9:38	X			1							
58	31755	B18(2-4)	S	4/6/05	9:38	X			1							
59		B18(5-7)	S	4/6/05	9:57	X		DB								
60	31756	B18(10-12)	S	4/6/05	10:02	X			1							

Relinquished by:	Accepted by:	Date:	Time:
[illegible]	[illegible]	4/7/05	12:15
[illegible]	[illegible]	4-7-05	1600

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Temp 6°C Pg 3 of 89

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery (check one):
☐ Fax #:
☑ Email: DBRUCKNER@MPINC
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 170 RESEARCH DR
MIDDLETOWN, CT

Project: WATERBURY ROLLING MILLS
Report to: BRIAN MCCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature: D. Bruckner Date: 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

SAP for client 4/8/05 (CT, GA, PB, NJ, ZN)

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TOT	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
61	31757	B15(0-2)	S	4/6/05	10:12	X		1								
62	31758	B15(2-4)	S	4/6/05	10:12	X		1								
63		B15(5-7)	S	4/6/05	10:15	X		1								
64	31759	B15(10-12)	S	4/6/05	10:25	X		1								
65	31760	B16(0-2)	S	4/6/05	10:40	X		1								
66	31761	B16(2-4)	S	4/6/05	10:40	X		1								
67		B16(5-7)	S	4/6/05	10:46	X		1								
68	31762	B16(10-12)	S	4/6/05	10:54	X		1								
69	31763	B12(0-2)	S	4/6/05	11:10	X		1								
70	31764	B12(2-4)	S	4/6/05	11:10	X		1								
71		B12(5-7)	S	4/6/05	11:16	X		1								
72	31765	B12(10-12)	S	4/6/05	11:25	X		1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	12:05
[signature]	[signature]	4-7-05	1600

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 1

Data Delivery (check one):
☐ Fax #:
☑ Email:
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 RUSCOMMON DR
MIDDLETOWN, CT

Project: WATERBURY ROLLING MILLS
Report to: BRIAN MCCARTHY
Invoice to:

Project P.O: 02847316
Phone #: (860) 613-7402
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/7/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP pesticides 4/8/05	TCLP Metals (Cd, Cr, Cu, Pb, Ni, Zn)	ETPH	Soil VOA Vial [ ]	GL Soil container [ ] methanol [ ]	GL Soil container ( ) oz	40 ml VOA Vial [ ] Sod Bisulfate	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
73	31766	B11(0-5)	S	4/6/05	11:37	X					1							
74	31767	B11(5-7)	S	4/6/05	11:45	X					1							
75	31768	B14(0-2)	S	4/6/05	12:48	X					1							
76	31769	B14(2-4)	S	4/6/05	12:48	X					1							
~~77~~		B14(5-7)	S	4/6/05	12:57	X					1							
78	31770	B14(10-12)	S	4/6/05	13:03	X					1							
79	31771	B17(0-2)	S	4/6/05	13:15	X					1							
80	31772	B17(2-4)	S	4/6/05	13:15	X					1							
81		B17(5-7)	S	4/6/05	13:21	X					1							
82	31773	B17(10-12)	S	4/6/05	13:27	X					1					1		
83	31774	FB040605H	W	4/6/05	13:37	X					1							
84	31775	B28(0-2)	S	4/6/05	14:03		X				1	2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	12:25
[signature]	[signature]	4-7-05	1600

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Temp 6°C Pg 7 of 89

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery (check one):
☐ Fax #:
☑ Email: BMCCARTHY@MMM...
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 ROSCOMMON DR
MIDDLETOWN, CT

Project: LAFTEX BUCKY KNITTING MILLS
Report to: BRIAN MCCARTHY
Invoice to:

Project P.O: 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature _____ Date _____

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCLP per client 4-6-05 (Cr, Cu, Pb, Ni, Zn)	Total Cr, Cu, Pb, Ni, Zn	ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
85	31776	B21(0-2)	S	4/5/05		X					1							
86	31777	B21(2-4)	S	4/5/05		X					1							
87		B21(6-8)	S	4/5/05		X			received at lab / held per client									
88	31778	B21(10-12)	S	4/5/05		X					1							
89	31779	B22(0-5)	S	4/5/05		X					1							
90	31780	B22(5-7)	S	4/5/05		X					1							
91	31781	B22(10-12)	S	4/5/05		X					1							
92	31782	FB040505	W	4/5/05	15:00	X					3				2			
	31783	B27(0-2)	S	4/5/05			X				1				2			
	31784	B27(2-4)	S	4/5/05			X				1							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	1:15
[signature]	[signature]	4-7-05	1600

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

Comments, Special Requirements or Regulations:

- SAMPLES ARE INCORRECTLY DATED 4/6/05 ON SAMPLES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Page 1 of 1

Data Delivery (check one):
☐ Fax #:
☑ Email: DBROCKMEYER@PRIME...
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: PRIME TECH
Address: 100 KOSCIUSZKO DR
MIDDLETOWN, CT

Project: LUTHER BOEY Rolling Hills
Report to: Brian McCarthy
Invoice to:

Project P.O: ~~05~~ 0284316
Phone #: (860) 613-7408
Fax #:

Client Sample - Information - Identification

Sampler's Signature _____ Date _____

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: ETPH	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
93	31785	B03(10-12)	S	4/6/05	15:33	X			1							
94	31786	B05(0-2)	S	4/6/05	15:46	X			1							
95	31787	B05(2-4)	S	4/6/05	15:46	X			1							
96		B05(5-7)	S	4/6/05	15:55	X	received at lab/ held per client									
97	31788	B05(10-12)	S	4/6/05	16:00	X			1							
98	31789	FB040605B	W	4/6/05	16:05	X				2						
	31796	B03(5-7	S	4/6/05	15:27	X			1							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/7/05	10:30
[signature]	[signature]	4-7-05	1600

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☐ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☐ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Monday, May 02, 2005

Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown CT 06457

Attention: Mr Brian McCarthy

Sample ID#: AG34843-34873 AG34930-34931 & AG35045

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34843

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-24

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Arsenic (Dissolved)	0.007	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	44.2	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.016	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.02	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34844

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-32

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	11.2	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.005	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.018	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1,1-Trichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	50	ug/L	04/22/05		RM	SW8260
1,1,2-Trichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloropropene	ND	100	ug/L	04/22/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
,2,3-Trichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,2,4-Trimethylbenzene	470	100	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-32 Phoenix I.D.: AG34844

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,2-Dichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,2-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,3,5-Trimethylbenzene	120	100	ug/L	04/22/05		RM	SW8260
1,3-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,3-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,4-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
2,2-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
2-Chlorotoluene	ND	100	ug/L	04/22/05		RM	SW8260
4-Chlorotoluene	ND	100	ug/L	04/22/05		RM	SW8260
Benzene	ND	100	ug/L	04/22/05		RM	SW8260
Bromobenzene	ND	100	ug/L	04/22/05		RM	SW8260
Bromochloromethane	ND	100	ug/L	04/22/05		RM	SW8260
Bromodichloromethane	ND	100	ug/L	04/22/05		RM	SW8260
Bromoform	ND	100	ug/L	04/22/05		RM	SW8260
Bromomethane	ND	100	ug/L	04/22/05		RM	SW8260
Carbon tetrachloride	ND	100	ug/L	04/22/05		RM	SW8260
Chlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
Chloroethane	ND	100	ug/L	04/22/05		RM	SW8260
Chloroform	ND	100	ug/L	04/22/05		RM	SW8260
Chloromethane	ND	100	ug/L	04/22/05		RM	SW8260
cis-1,2-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260
cis-1,3-Dichloropropene	ND	50	ug/L	04/22/05		RM	SW8260
Dibromochloromethane	ND	50	ug/L	04/22/05		RM	SW8260
Dibromomethane	ND	100	ug/L	04/22/05		RM	SW8260
Dichlorodifluoromethane	ND	100	ug/L	04/22/05		RM	SW8260
Ethylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Hexachlorobutadiene	ND	100	ug/L	04/22/05		RM	SW8260
Isopropylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
m&p-Xylene	ND	100	ug/L	04/22/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	100	ug/L	04/22/05		RM	SW8260
Methylene chloride	ND	100	ug/L	04/22/05		RM	SW8260
n-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
n-Propylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Naphthalene	520	100	ug/L	04/22/05		RM	SW8260
o-Xylene	140	100	ug/L	04/22/05		RM	SW8260
p-Isopropyltoluene	ND	100	ug/L	04/22/05		RM	SW8260
sec-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Styrene	ND	100	ug/L	04/22/05		RM	SW8260
tert-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Tetrachloroethene	ND	100	ug/L	04/22/05		RM	SW8260
Toluene	ND	100	ug/L	04/22/05		RM	SW8260
Total Xylenes	140	50	ug/L	04/22/05		RM	SW8260
trans-1,2-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-32 Phoenix I.D.: AG34844

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	50	ug/L	04/22/05		RM	SW8260
Trichloroethene	ND	100	ug/L	04/22/05		RM	SW8260
Trichlorofluoromethane	ND	100	ug/L	04/22/05		RM	SW8260
Vinyl chloride	ND	100	ug/L	04/22/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/22/05		RM	SW8260
% Bromofluorobenzene	99		%	04/22/05		RM	SW8260
% Dibromofluoromethane	109		%	04/22/05		RM	SW8260
% Toluene-d8	101		%	04/22/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34845

Client ID: WATERBURY ROLLING MILLS MP-28

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	40.5	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.003	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.016	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	200	ug/L	04/22/05		RM	SW8260
1,1,1-Trichloroethane	ND	200	ug/L	04/22/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1,2-Trichloroethane	ND	200	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethane	ND	200	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethene	ND	200	ug/L	04/22/05		RM	SW8260
1,1-Dichloropropene	ND	200	ug/L	04/22/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
1,2,3-Trichloropropane	ND	200	ug/L	04/22/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
1,2,4-Trimethylbenzene	2300	200	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-28 Phoenix I.D.: AG34845

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
,2-Dichloroethane	ND	200	ug/L	04/22/05		RM	SW8260
1,2-Dichloropropane	ND	200	ug/L	04/22/05		RM	SW8260
1,3,5-Trimethylbenzene	800	200	ug/L	04/22/05		RM	SW8260
1,3-Dichlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
1,3-Dichloropropane	ND	200	ug/L	04/22/05		RM	SW8260
1,4-Dichlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
2,2-Dichloropropane	ND	200	ug/L	04/22/05		RM	SW8260
2-Chlorotoluene	ND	200	ug/L	04/22/05		RM	SW8260
4-Chlorotoluene	ND	200	ug/L	04/22/05		RM	SW8260
Benzene	ND	200	ug/L	04/22/05		RM	SW8260
Bromobenzene	ND	200	ug/L	04/22/05		RM	SW8260
Bromochloromethane	ND	200	ug/L	04/22/05		RM	SW8260
Bromodichloromethane	ND	200	ug/L	04/22/05		RM	SW8260
Bromoform	ND	200	ug/L	04/22/05		RM	SW8260
Bromomethane	ND	200	ug/L	04/22/05		RM	SW8260
Carbon tetrachloride	ND	200	ug/L	04/22/05		RM	SW8260
Chlorobenzene	ND	200	ug/L	04/22/05		RM	SW8260
Chloroethane	ND	200	ug/L	04/22/05		RM	SW8260
Chloroform	ND	200	ug/L	04/22/05		RM	SW8260
Chloromethane	ND	200	ug/L	04/22/05		RM	SW8260
is-1,2-Dichloroethene	ND	200	ug/L	04/22/05		RM	SW8260
cis-1,3-Dichloropropene	ND	100	ug/L	04/22/05		RM	SW8260
Dibromochloromethane	ND	100	ug/L	04/22/05		RM	SW8260
Dibromomethane	ND	200	ug/L	04/22/05		RM	SW8260
Dichlorodifluoromethane	ND	200	ug/L	04/22/05		RM	SW8260
Ethylbenzene	250	200	ug/L	04/22/05		RM	SW8260
Hexachlorobutadiene	ND	200	ug/L	04/22/05		RM	SW8260
Isopropylbenzene	ND	200	ug/L	04/22/05		RM	SW8260
m&p-Xylene	970	200	ug/L	04/22/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	200	ug/L	04/22/05		RM	SW8260
Methylene chloride	ND	200	ug/L	04/22/05		RM	SW8260
n-Butylbenzene	270	200	ug/L	04/22/05		RM	SW8260
n-Propylbenzene	280	200	ug/L	04/22/05		RM	SW8260
Naphthalene	2200	200	ug/L	04/22/05		RM	SW8260
o-Xylene	300	200	ug/L	04/22/05		RM	SW8260
p-Isopropyltoluene	ND	200	ug/L	04/22/05		RM	SW8260
sec-Butylbenzene	ND	200	ug/L	04/22/05		RM	SW8260
Styrene	ND	200	ug/L	04/22/05		RM	SW8260
tert-Butylbenzene	ND	200	ug/L	04/22/05		RM	SW8260
Tetrachloroethene	ND	200	ug/L	04/22/05		RM	SW8260
Toluene	ND	200	ug/L	04/22/05		RM	SW8260
Total Xylenes	1300	100	ug/L	04/22/05		RM	SW8260
trans-1,2-Dichloroethene	ND	200	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-28 Phoenix I.D.: AG34845

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	100	ug/L	04/22/05		RM	SW8260
Trichloroethene	ND	200	ug/L	04/22/05		RM	SW8260
Trichlorofluoromethane	ND	200	ug/L	04/22/05		RM	SW8260
Vinyl chloride	ND	200	ug/L	04/22/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	04/22/05		RM	SW8260
% Bromofluorobenzene	101		%	04/22/05		RM	SW8260
% Dibromofluoromethane	103		%	04/22/05		RM	SW8260
% Toluene-d8	101		%	04/22/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34846

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	6.02	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.003	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.008	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.023	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1,1-Trichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	25	ug/L	04/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloropropene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,3-Trichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,4-Trimethylbenzene	630	50	ug/L	04/25/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-30 Phoenix I.D.: AG34846

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2-Dichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,2-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,3,5-Trimethylbenzene	270	50	ug/L	04/25/05		RM	SW8260
1,3-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,3-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,4-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
2,2-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
2-Chlorotoluene	ND	50	ug/L	04/25/05		RM	SW8260
4-Chlorotoluene	ND	50	ug/L	04/25/05		RM	SW8260
Benzene	ND	50	ug/L	04/25/05		RM	SW8260
Bromobenzene	ND	50	ug/L	04/25/05		RM	SW8260
Bromochloromethane	ND	50	ug/L	04/25/05		RM	SW8260
Bromodichloromethane	ND	50	ug/L	04/25/05		RM	SW8260
Bromoform	ND	50	ug/L	04/25/05		RM	SW8260
Bromomethane	ND	50	ug/L	04/25/05		RM	SW8260
Carbon tetrachloride	ND	50	ug/L	04/25/05		RM	SW8260
Chlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
Chloroethane	ND	50	ug/L	04/25/05		RM	SW8260
Chloroform	ND	50	ug/L	04/25/05		RM	SW8260
Chloromethane	ND	50	ug/L	04/25/05		RM	SW8260
cis-1,2-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260
cis-1,3-Dichloropropene	ND	25	ug/L	04/25/05		RM	SW8260
Dibromochloromethane	ND	25	ug/L	04/25/05		RM	SW8260
Dibromomethane	ND	50	ug/L	04/25/05		RM	SW8260
Dichlorodifluoromethane	ND	50	ug/L	04/25/05		RM	SW8260
Ethylbenzene	50	50	ug/L	04/25/05		RM	SW8260
Hexachlorobutadiene	ND	50	ug/L	04/25/05		RM	SW8260
Isopropylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
m&p-Xylene	180	50	ug/L	04/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	50	ug/L	04/25/05		RM	SW8260
Methylene chloride	ND	50	ug/L	04/25/05		RM	SW8260
n-Butylbenzene	62	50	ug/L	04/25/05		RM	SW8260
n-Propylbenzene	61	50	ug/L	04/25/05		RM	SW8260
Naphthalene	490	50	ug/L	04/25/05		RM	SW8260
o-Xylene	110	50	ug/L	04/25/05		RM	SW8260
p-Isopropyltoluene	57	50	ug/L	04/25/05		RM	SW8260
sec-Butylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
Styrene	ND	50	ug/L	04/25/05		RM	SW8260
tert-Butylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
Tetrachloroethene	ND	50	ug/L	04/25/05		RM	SW8260
Toluene	ND	50	ug/L	04/25/05		RM	SW8260
Total Xylenes	290	25	ug/L	04/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-30 Phoenix I.D.: AG34846

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	25	ug/L	04/25/05		RM	SW8260
richloroethene	ND	50	ug/L	04/25/05		RM	SW8260
Trichlorofluoromethane	ND	50	ug/L	04/25/05		RM	SW8260
Vinyl chloride	ND	50	ug/L	04/25/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/25/05		RM	SW8260
% Bromofluorobenzene	104		%	04/25/05		RM	SW8260
% Dibromofluoromethane	103		%	04/25/05		RM	SW8260
% Toluene-d8	97		%	04/25/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34847

Client ID: WATERBURY ROLLING MILLS MP-35

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	19.2	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.006	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.006	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.053	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	10	ug/L	04/26/05		RM	SW8260
1,1,1-Trichloroethane	ND	10	ug/L	04/26/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	5	ug/L	04/26/05		RM	SW8260
1,1,2-Trichloroethane	ND	10	ug/L	04/26/05		RM	SW8260
1,1-Dichloroethane	ND	10	ug/L	04/26/05		RM	SW8260
1,1-Dichloroethene	ND	10	ug/L	04/26/05		RM	SW8260
1,1-Dichloropropene	ND	10	ug/L	04/26/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
1,2,3-Trichloropropane	ND	10	ug/L	04/26/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
1,2,4-Trimethylbenzene	260	10	ug/L	04/26/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-35 Phoenix I.D.: AG34847

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
.,2-Dichloroethane	ND	10	ug/L	04/26/05		RM	SW8260
1,2-Dichloropropane	ND	10	ug/L	04/26/05		RM	SW8260
1,3,5-Trimethylbenzene	65	10	ug/L	04/26/05		RM	SW8260
1,3-Dichlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
1,3-Dichloropropane	ND	10	ug/L	04/26/05		RM	SW8260
1,4-Dichlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
2,2-Dichloropropane	ND	10	ug/L	04/26/05		RM	SW8260
2-Chlorotoluene	ND	10	ug/L	04/26/05		RM	SW8260
4-Chlorotoluene	ND	10	ug/L	04/26/05		RM	SW8260
Benzene	ND	10	ug/L	04/26/05		RM	SW8260
Bromobenzene	ND	10	ug/L	04/26/05		RM	SW8260
Bromochloromethane	ND	10	ug/L	04/26/05		RM	SW8260
Bromodichloromethane	ND	10	ug/L	04/26/05		RM	SW8260
Bromoform	ND	10	ug/L	04/26/05		RM	SW8260
Bromomethane	ND	10	ug/L	04/26/05		RM	SW8260
Carbon tetrachloride	ND	10	ug/L	04/26/05		RM	SW8260
Chlorobenzene	ND	10	ug/L	04/26/05		RM	SW8260
Chloroethane	ND	10	ug/L	04/26/05		RM	SW8260
Chloroform	ND	10	ug/L	04/26/05		RM	SW8260
Chloromethane	ND	10	ug/L	04/26/05		RM	SW8260
is-1,2-Dichloroethene	ND	10	ug/L	04/26/05		RM	SW8260
cis-1,3-Dichloropropene	ND	5	ug/L	04/26/05		RM	SW8260
Dibromochloromethane	ND	5	ug/L	04/26/05		RM	SW8260
Dibromomethane	ND	10	ug/L	04/26/05		RM	SW8260
Dichlorodifluoromethane	ND	10	ug/L	04/26/05		RM	SW8260
Ethylbenzene	32	10	ug/L	04/26/05		RM	SW8260
Hexachlorobutadiene	ND	10	ug/L	04/26/05		RM	SW8260
Isopropylbenzene	10	10	ug/L	04/26/05		RM	SW8260
m&p-Xylene	150	10	ug/L	04/26/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	04/26/05		RM	SW8260
Methylene chloride	ND	10	ug/L	04/26/05		RM	SW8260
n-Butylbenzene	ND	10	ug/L	04/26/05		RM	SW8260
n-Propylbenzene	21	10	ug/L	04/26/05		RM	SW8260
Naphthalene	330	10	ug/L	04/26/05		RM	SW8260
o-Xylene	34	10	ug/L	04/26/05		RM	SW8260
p-Isopropyltoluene	20	10	ug/L	04/26/05		RM	SW8260
sec-Butylbenzene	ND	10	ug/L	04/26/05		RM	SW8260
Styrene	ND	10	ug/L	04/26/05		RM	SW8260
tert-Butylbenzene	ND	10	ug/L	04/26/05		RM	SW8260
Tetrachloroethene	ND	10	ug/L	04/26/05		RM	SW8260
Toluene	ND	10	ug/L	04/26/05		RM	SW8260
Total Xylenes	180	5	ug/L	04/26/05		RM	SW8260
trans-1,2-Dichloroethene	ND	10	ug/L	04/26/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-35 Phoenix I.D.: AG34847

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	5	ug/L	04/26/05		RM	SW8260
Trichloroethene	ND	10	ug/L	04/26/05		RM	SW8260
Trichlorofluoromethane	ND	10	ug/L	04/26/05		RM	SW8260
Vinyl chloride	ND	10	ug/L	04/26/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	04/26/05		RM	SW8260
% Bromofluorobenzene	95		%	04/26/05		RM	SW8260
% Dibromofluoromethane	95		%	04/26/05		RM	SW8260
% Toluene-d8	103		%	04/26/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34848

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-31

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	39.3	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.002	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.006	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.019	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1,1-Trichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	25	ug/L	04/25/05		RM	SW8260
1,1,2-Trichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260
1,1-Dichloropropene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,3-Trichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2,4-Trimethylbenzene	560	50	ug/L	04/25/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-31 Phoenix I.D.: AG34848

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,2-Dichloroethane	ND	50	ug/L	04/25/05		RM	SW8260
1,2-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,3,5-Trimethylbenzene	190	50	ug/L	04/25/05		RM	SW8260
1,3-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
1,3-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
1,4-Dichlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
2,2-Dichloropropane	ND	50	ug/L	04/25/05		RM	SW8260
2-Chlorotoluene	ND	50	ug/L	04/25/05		RM	SW8260
4-Chlorotoluene	ND	50	ug/L	04/25/05		RM	SW8260
Benzene	ND	50	ug/L	04/25/05		RM	SW8260
Bromobenzene	ND	50	ug/L	04/25/05		RM	SW8260
Bromochloromethane	ND	50	ug/L	04/25/05		RM	SW8260
Bromodichloromethane	ND	50	ug/L	04/25/05		RM	SW8260
Bromoform	ND	50	ug/L	04/25/05		RM	SW8260
Bromomethane	ND	50	ug/L	04/25/05		RM	SW8260
Carbon tetrachloride	ND	50	ug/L	04/25/05		RM	SW8260
Chlorobenzene	ND	50	ug/L	04/25/05		RM	SW8260
Chloroethane	ND	50	ug/L	04/25/05		RM	SW8260
Chloroform	ND	50	ug/L	04/25/05		RM	SW8260
Chloromethane	ND	50	ug/L	04/25/05		RM	SW8260
cis-1,2-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260
cis-1,3-Dichloropropene	ND	25	ug/L	04/25/05		RM	SW8260
Dibromochloromethane	ND	25	ug/L	04/25/05		RM	SW8260
Dibromomethane	ND	50	ug/L	04/25/05		RM	SW8260
Dichlorodifluoromethane	ND	50	ug/L	04/25/05		RM	SW8260
Ethylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
Hexachlorobutadiene	ND	50	ug/L	04/25/05		RM	SW8260
Isopropylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
m&p-Xylene	63	50	ug/L	04/25/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	50	ug/L	04/25/05		RM	SW8260
Methylene chloride	ND	50	ug/L	04/25/05		RM	SW8260
n-Butylbenzene	63	50	ug/L	04/25/05		RM	SW8260
n-Propylbenzene	56	50	ug/L	04/25/05		RM	SW8260
Naphthalene	510	50	ug/L	04/25/05		RM	SW8260
o-Xylene	ND	50	ug/L	04/25/05		RM	SW8260
p-Isopropyltoluene	51	50	ug/L	04/25/05		RM	SW8260
sec-Butylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
Styrene	ND	50	ug/L	04/25/05		RM	SW8260
tert-Butylbenzene	ND	50	ug/L	04/25/05		RM	SW8260
Tetrachloroethene	ND	50	ug/L	04/25/05		RM	SW8260
Toluene	ND	50	ug/L	04/25/05		RM	SW8260
Total Xylenes	63	25	ug/L	04/25/05		RM	SW8260
trans-1,2-Dichloroethene	ND	50	ug/L	04/25/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-31 Phoenix I.D.: AG34848

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	25	ug/L	04/25/05		RM	SW8260
'richloroethene	ND	50	ug/L	04/25/05		RM	SW8260
Trichlorofluoromethane	ND	50	ug/L	04/25/05		RM	SW8260
Vinyl chloride	ND	50	ug/L	04/25/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	04/25/05		RM	SW8260
% Bromofluorobenzene	106		%	04/25/05		RM	SW8260
% Dibromofluoromethane	102		%	04/25/05		RM	SW8260
% Toluene-d8	99		%	04/25/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34849

Client ID: WATERBURY ROLLING MILLS MP-34

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	41.2	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.004	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.033	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.573	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/20/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	22	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted out		%	04/23/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/28/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-34 Phoenix I.D.: AG34849

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
.,1-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trimethylbenzene	13	1	ug/L	04/28/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,3,5-Trimethylbenzene	2.3	1	ug/L	04/28/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
Benzene	1.2	1	ug/L	04/28/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/28/05		RM	SW8260
Bromodichloromethane	ND	1	ug/L	04/28/05		RM	SW8260
romoform	ND	1	ug/L	04/28/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/28/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/28/05		RM	SW8260
Chloroform	ND	1	ug/L	04/28/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Ethylbenzene	5	1	ug/L	04/28/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/28/05		RM	SW8260
Isopropylbenzene	2.7	1	ug/L	04/28/05		RM	SW8260
m&p-Xylene	1.5	1	ug/L	04/28/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/28/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/28/05		RM	SW8260
n-Butylbenzene	1.4	1	ug/L	04/28/05		RM	SW8260
n-Propylbenzene	2.7	1	ug/L	04/28/05		RM	SW8260
Naphthalene	85	10	ug/L	04/28/05		RM	SW8260
o-Xylene	2.1	1	ug/L	04/28/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-34 Phoenix I.D.: AG34849

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	1.2	1	ug/L	04/28/05		RM	SW8260
Styrene	ND	1	ug/L	04/28/05		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Toluene	ND	1	ug/L	04/28/05		RM	SW8260
Total Xylenes	3.6	0.5	ug/L	04/28/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/28/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	115		%	04/28/05		RM	SW8260
% Bromofluorobenzene	105		%	04/28/05		RM	SW8260
% Dibromofluoromethane	106		%	04/28/05		RM	SW8260
% Toluene-d8	100		%	04/28/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C22 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34850

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-36

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	7.02	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.403	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.044	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.192	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	106		%	04/23/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-36 Phoenix I.D.: AG34850

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
Benzene	ND	1	ug/L	04/21/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/21/05		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/21/05		RM	SW8260
Bromodichloromethane	ND	1	ug/L	04/21/05		RM	SW8260
Bromoform	ND	1	ug/L	04/21/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/21/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/21/05		RM	SW8260
Chloroform	ND	1	ug/L	04/21/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/21/05		RM	SW8260
Isopropylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/21/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/21/05		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
n-Propylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Naphthalene	ND	1	ug/L	04/21/05		RM	SW8260
o-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/21/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-36 Phoenix I.D.: AG34850

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Styrene	ND	1	ug/L	04/21/05		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Toluene	ND	1	ug/L	04/21/05		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/21/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	04/21/05		RM	SW8260
% Bromofluorobenzene	95		%	04/21/05		RM	SW8260
% Dibromofluoromethane	97		%	04/21/05		RM	SW8260
% Toluene-d8	102		%	04/21/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34851

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-37

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	50.5	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.014	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.026	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.229	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	11	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	82		%	04/23/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/28/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-37 Phoenix I.D.: AG34851

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
,1-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trimethylbenzene	5.3	1	ug/L	04/28/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
Benzene	9.6	1	ug/L	04/28/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/28/05		RM	SW8260
Bromodichloromethane	ND	1	ug/L	04/28/05		RM	SW8260
romoform	ND	1	ug/L	04/28/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/28/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/28/05		RM	SW8260
Chloroform	ND	1	ug/L	04/28/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/28/05		RM	SW8260
Isopropylbenzene	2.5	1	ug/L	04/28/05		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/28/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/28/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/28/05		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
n-Propylbenzene	1.2	1	ug/L	04/28/05		RM	SW8260
aphthalene	15	1	ug/L	04/28/05		RM	SW8260
o-Xylene	3.6	1	ug/L	04/28/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-37 Phoenix I.D.: AG34851

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
Styrene	ND	1	ug/L	04/28/05		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Toluene	ND	1	ug/L	04/28/05		RM	SW8260
Total Xylenes	3.6	0.5	ug/L	04/28/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/28/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/28/05		RM	SW8260
% Bromofluorobenzene	101		%	04/28/05		RM	SW8260
% Dibromofluoromethane	98		%	04/28/05		RM	SW8260
% Toluene-d8	100		%	04/28/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34852

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-23

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	0.007	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	12.3	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.007	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.025	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34853

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-22

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	23.6	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.01	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.734	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	100		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34854

Client ID: WATERBURY ROLLING MILLS MP-08

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	15.4	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.029	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.124	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	1.31	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	76		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34855

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-06

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	8.36	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.005	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.027	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34856

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-26

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	35.3	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.047	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.044	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.871	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	9.6	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34857

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-9

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	19.9	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.003	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.005	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.016	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	88		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34858

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-12

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	14.3	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.022	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.064	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.029	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.011	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	0.72	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	86		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C12 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34859

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-17

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	36.6	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.292	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	44.2	0.10	mg/L	04/28/05		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	2.70	0.02	mg/L	04/27/05		EK	200.7/6010
Lead (Dissolved)	0.020	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	16.1	0.02	mg/L	04/27/05		EK	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34860

Client ID: WATERBURY ROLLING MILLS HA-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	39.3	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.049	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.003	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/22/05		RS	SW-7470
Nickel (Dissolved)	0.04	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.126	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/22/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	5.7	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34861

Client ID: WATERBURY ROLLING MILLS HA-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	68.5	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.009	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	42.1	0.10	mg/L	04/28/05		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	6.20	0.02	mg/L	04/27/05		EK	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	38.1	0.02	mg/L	04/27/05		EK	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34862

Laboratory Data

Client ID: WATERBURY ROLLING MILLS HA-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	43.5	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.031	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.755	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.129	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.713	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	5.3	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	92		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34863

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-39

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	64.7	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.006	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	5.23	0.01	mg/L	04/27/05		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	3.76	0.02	mg/L	04/27/05		EK	200.7/6010
Lead (Dissolved)	0.006	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	16.7	0.02	mg/L	04/27/05		EK	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	11	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	92		%	04/23/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/28/05		RM	SW8260
',1,1-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/28/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-39 Phoenix I.D.: AG34863

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/28/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/28/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/28/05		RM	SW8260
Benzene	ND	1	ug/L	04/28/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/28/05		RM	SW8260
Bromodichloromethane	ND	1	ug/L	04/28/05		RM	SW8260
Bromoform	ND	1	ug/L	04/28/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/28/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/28/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/28/05		RM	SW8260
Chloroform	ND	1	ug/L	04/28/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/28/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/28/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/28/05		RM	SW8260
Isopropylbenzene	3.2	1	ug/L	04/28/05		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/28/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/28/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/28/05		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/28/05		RM	SW8260
n-Propylbenzene	2.8	1	ug/L	04/28/05		RM	SW8260
Naphthalene	14	1	ug/L	04/28/05		RM	SW8260
o-Xylene	ND	1	ug/L	04/28/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-39 Phoenix I.D.: AG34863

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	2	1	ug/L	04/28/05		RM	SW8260
tyrene	ND	1	ug/L	04/28/05		RM	SW8260
tert-Butylbenzene	1.1	1	ug/L	04/28/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Toluene	ND	1	ug/L	04/28/05		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/28/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/28/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/28/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/28/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/28/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	04/28/05		RM	SW8260
% Bromofluorobenzene	98		%	04/28/05		RM	SW8260
% Dibromofluoromethane	102		%	04/28/05		RM	SW8260
% Toluene-d8	96		%	04/28/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

Laboratory Data

SDG I.D.: GAG34843
Phoenix I.D.: AG34864

Client ID: WATERBURY ROLLING MILLS MP-38

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	70.1	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.003	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.011	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.012	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	15	0.1	mg/L	04/25/05		JRB	M8100CT
Identification	**		mg/L	04/25/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted out		%	04/25/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,1,1-Trichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	04/28/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-38 Phoenix I.D.: AG34864

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
,1-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
1,1-Dichloropropene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,3-Trichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,2-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,3-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,3-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,4-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
2,2-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
2-Chlorotoluene	ND	5	ug/L	04/28/05		RM	SW8260
4-Chlorotoluene	ND	5	ug/L	04/28/05		RM	SW8260
Benzene	ND	5	ug/L	04/28/05		RM	SW8260
Bromobenzene	ND	5	ug/L	04/28/05		RM	SW8260
Bromochloromethane	ND	5	ug/L	04/28/05		RM	SW8260
Bromodichloromethane	ND	5	ug/L	04/28/05		RM	SW8260
`romoform	ND	5	ug/L	04/28/05		RM	SW8260
Bromomethane	ND	5	ug/L	04/28/05		RM	SW8260
Carbon tetrachloride	ND	5	ug/L	04/28/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
Chloroethane	ND	5	ug/L	04/28/05		RM	SW8260
Chloroform	ND	5	ug/L	04/28/05		RM	SW8260
Chloromethane	ND	5	ug/L	04/28/05		RM	SW8260
cis-1,2-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
cis-1,3-Dichloropropene	ND	2.5	ug/L	04/28/05		RM	SW8260
Dibromochloromethane	ND	2.5	ug/L	04/28/05		RM	SW8260
Dibromomethane	ND	5	ug/L	04/28/05		RM	SW8260
Dichlorodifluoromethane	ND	5	ug/L	04/28/05		RM	SW8260
Ethylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Hexachlorobutadiene	ND	5	ug/L	04/28/05		RM	SW8260
Isopropylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
m&p-Xylene	ND	5	ug/L	04/28/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	5	ug/L	04/28/05		RM	SW8260
Methylene chloride	ND	5	ug/L	04/28/05		RM	SW8260
n-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
n-Propylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Naphthalene	9.2	5	ug/L	04/28/05		RM	SW8260
,-Xylene	ND	5	ug/L	04/28/05		RM	SW8260
p-Isopropyltoluene	ND	5	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-38 Phoenix I.D.: AG34864

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Styrene	ND	5	ug/L	04/28/05		RM	SW8260
tert-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	04/28/05		RM	SW8260
Toluene	ND	5	ug/L	04/28/05		RM	SW8260
Total Xylenes	ND	2.5	ug/L	04/28/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
trans-1,3-Dichloropropene	ND	2.5	ug/L	04/28/05		RM	SW8260
Trichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
Trichlorofluoromethane	ND	5	ug/L	04/28/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	04/28/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/28/05		RM	SW8260
% Bromofluorobenzene	102		%	04/28/05		RM	SW8260
% Dibromofluoromethane	103		%	04/28/05		RM	SW8260
% Toluene-d8	101		%	04/28/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34866

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-10

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	23.5	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.197	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.025	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.151	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	102		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34867

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-21

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
\rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	42.7	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.18	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	1.14	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	4.04	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	6.3	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	108		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34868

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-16

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	4.32	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.073	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.272	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	78		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34869

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
rsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	12.1	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.009	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.008	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1,1-Trichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	50	ug/L	04/22/05		RM	SW8260
1,1,2-Trichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260
1,1-Dichloropropene	ND	100	ug/L	04/22/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
2,3-Trichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	100	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-33 Phoenix I.D.: AG34869

Parameter	Result	RL	Units	Date	Time	By	Reference
1,2-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,2-Dichloroethane	ND	100	ug/L	04/22/05		RM	SW8260
1,2-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,3-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
1,3-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
1,4-Dichlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
2,2-Dichloropropane	ND	100	ug/L	04/22/05		RM	SW8260
2-Chlorotoluene	ND	100	ug/L	04/22/05		RM	SW8260
4-Chlorotoluene	ND	100	ug/L	04/22/05		RM	SW8260
Benzene	ND	100	ug/L	04/22/05		RM	SW8260
Bromobenzene	ND	100	ug/L	04/22/05		RM	SW8260
Bromochloromethane	ND	100	ug/L	04/22/05		RM	SW8260
Bromodichloromethane	ND	100	ug/L	04/22/05		RM	SW8260
Bromoform	ND	100	ug/L	04/22/05		RM	SW8260
Bromomethane	ND	100	ug/L	04/22/05		RM	SW8260
Carbon tetrachloride	ND	100	ug/L	04/22/05		RM	SW8260
Chlorobenzene	ND	100	ug/L	04/22/05		RM	SW8260
Chloroethane	ND	100	ug/L	04/22/05		RM	SW8260
Chloroform	ND	100	ug/L	04/22/05		RM	SW8260
Chloromethane	ND	100	ug/L	04/22/05		RM	SW8260
cis-1,2-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260
cis-1,3-Dichloropropene	ND	50	ug/L	04/22/05		RM	SW8260
Dibromochloromethane	ND	50	ug/L	04/22/05		RM	SW8260
Dibromomethane	ND	100	ug/L	04/22/05		RM	SW8260
Dichlorodifluoromethane	ND	100	ug/L	04/22/05		RM	SW8260
Ethylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Hexachlorobutadiene	ND	100	ug/L	04/22/05		RM	SW8260
Isopropylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
m&p-Xylene	ND	100	ug/L	04/22/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	100	ug/L	04/22/05		RM	SW8260
Methylene chloride	ND	100	ug/L	04/22/05		RM	SW8260
n-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
n-Propylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Naphthalene	ND	100	ug/L	04/22/05		RM	SW8260
o-Xylene	ND	100	ug/L	04/22/05		RM	SW8260
p-Isopropyltoluene	ND	100	ug/L	04/22/05		RM	SW8260
sec-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Styrene	ND	100	ug/L	04/22/05		RM	SW8260
tert-Butylbenzene	ND	100	ug/L	04/22/05		RM	SW8260
Tetrachloroethene	ND	100	ug/L	04/22/05		RM	SW8260
Toluene	ND	100	ug/L	04/22/05		RM	SW8260
Total Xylenes	ND	50	ug/L	04/22/05		RM	SW8260
trans-1,2-Dichloroethene	ND	100	ug/L	04/22/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-33 Phoenix I.D.: AG34869

Parameter	Result	RL	Units	Date	Time	By	Reference
trans-1,3-Dichloropropene	ND	50	ug/L	04/22/05		RM	SW8260
richloroethene	ND	100	ug/L	04/22/05		RM	SW8260
Trichlorofluoromethane	ND	100	ug/L	04/22/05		RM	SW8260
Vinyl chloride	ND	100	ug/L	04/22/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	04/22/05		RM	SW8260
% Bromofluorobenzene	99		%	04/22/05		RM	SW8260
% Dibromofluoromethane	110		%	04/22/05		RM	SW8260
% Toluene-d8	106		%	04/22/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34870

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-20

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	68.2	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.126	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.126	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	1.08	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	ND		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	74		%	04/23/05		JRB	M8100CT

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34871

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-19

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	59.8	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.021	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	3.12	0.01	mg/L	04/27/05		EK	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.876	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/22/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	4.63	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	16	0.1	mg/L	04/25/05		JRB	M8100CT
Identification	**		mg/L	04/25/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted out		%	04/25/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but most closely resembles diesel fuel / fuel #2.

f there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34872

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-18

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	50.1	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	0.012	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.348	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	4.16	0.02	mg/L	04/27/05		EK	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/26/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	18.3	0.02	mg/L	04/27/05		EK	200.7/6010
Extraction of CT ETPH	Completed			04/21/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	9.2	0.1	mg/L	04/23/05		JRB	M8100CT
Identification	**		mg/L	04/23/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	04/23/05		JRB	M8100CT

Comments: **ND=Not detected BDL = Below Detection Limit RL=Reporting Limit**

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards,
but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2005

FOR: Attn: Mr. Brian McCarthy]
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/15/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34873

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-40

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	52.9	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	0.008	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/26/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.038	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/22/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/20/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	3.8	0.1	mg/L	04/26/05		JRB	M8100CT
Identification	**		mg/L	04/26/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	84		%	04/26/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,1,1-Trichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	04/28/05		RM	SW8260
1,1,2-Trichloroethane	ND	5	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-40 Phoenix I.D.: AG34873

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
,1-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
1,1-Dichloropropene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,3-Trichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2,4-Trimethylbenzene	100	5	ug/L	04/28/05		RM	SW8260
1,2-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,2-Dichloroethane	ND	5	ug/L	04/28/05		RM	SW8260
1,2-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,3,5-Trimethylbenzene	32	5	ug/L	04/28/05		RM	SW8260
1,3-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
1,3-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
1,4-Dichlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
2,2-Dichloropropane	ND	5	ug/L	04/28/05		RM	SW8260
2-Chlorotoluene	ND	5	ug/L	04/28/05		RM	SW8260
4-Chlorotoluene	ND	5	ug/L	04/28/05		RM	SW8260
Benzene	21	5	ug/L	04/28/05		RM	SW8260
Bromobenzene	ND	5	ug/L	04/28/05		RM	SW8260
Bromochloromethane	ND	5	ug/L	04/28/05		RM	SW8260
Bromodichloromethane	ND	5	ug/L	04/28/05		RM	SW8260
romoform	ND	5	ug/L	04/28/05		RM	SW8260
Bromomethane	ND	5	ug/L	04/28/05		RM	SW8260
Carbon tetrachloride	ND	5	ug/L	04/28/05		RM	SW8260
Chlorobenzene	ND	5	ug/L	04/28/05		RM	SW8260
Chloroethane	ND	5	ug/L	04/28/05		RM	SW8260
Chloroform	ND	5	ug/L	04/28/05		RM	SW8260
Chloromethane	ND	5	ug/L	04/28/05		RM	SW8260
cis-1,2-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
cis-1,3-Dichloropropene	ND	2.5	ug/L	04/28/05		RM	SW8260
Dibromochloromethane	ND	2.5	ug/L	04/28/05		RM	SW8260
Dibromomethane	ND	5	ug/L	04/28/05		RM	SW8260
Dichlorodifluoromethane	ND	5	ug/L	04/28/05		RM	SW8260
Ethylbenzene	55	5	ug/L	04/28/05		RM	SW8260
Hexachlorobutadiene	ND	5	ug/L	04/28/05		RM	SW8260
Isopropylbenzene	6.8	5	ug/L	04/28/05		RM	SW8260
m&p-Xylene	120	5	ug/L	04/28/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	5	ug/L	04/28/05		RM	SW8260
Methylene chloride	ND	5	ug/L	04/28/05		RM	SW8260
n-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
n-Propylbenzene	7.8	5	ug/L	04/28/05		RM	SW8260
Naphthalene	65	5	ug/L	04/28/05		RM	SW8260
o-Xylene	5.7	5	ug/L	04/28/05		RM	SW8260
p-Isopropyltoluene	ND	5	ug/L	04/28/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS MP-40 Phoenix I.D.: AG34873

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Styrene	ND	5	ug/L	04/28/05		RM	SW8260
tert-Butylbenzene	ND	5	ug/L	04/28/05		RM	SW8260
Tetrachloroethene	ND	5	ug/L	04/28/05		RM	SW8260
Toluene	ND	5	ug/L	04/28/05		RM	SW8260
Total Xylenes	130	2.5	ug/L	04/28/05		RM	SW8260
trans-1,2-Dichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
trans-1,3-Dichloropropene	ND	2.5	ug/L	04/28/05		RM	SW8260
Trichloroethene	ND	5	ug/L	04/28/05		RM	SW8260
Trichlorofluoromethane	ND	5	ug/L	04/28/05		RM	SW8260
Vinyl chloride	ND	5	ug/L	04/28/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	04/28/05		RM	SW8260
% Bromofluorobenzene	103		%	04/28/05		RM	SW8260
% Dibromofluoromethane	101		%	04/28/05		RM	SW8260
% Toluene-d8	100		%	04/28/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/19/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34930

Laboratory Data

Client ID: WATERBURY ROLLING MILLS FB 041905

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EKT	200.7/6010
Calcium (Dissolved)	0.04	0.01	mg/L	04/26/05		EK	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/25/05		RS	SW-7470
Nickel (Dissolved)	< 0.002	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/26/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.003	0.002	mg/L	04/26/05		EKT	200.7/6010
Extraction of CT ETPH	Completed			04/22/05		M/B	3550/5030
Dissolved Mercury Digestion	Completed		NA	04/25/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/21/05		AG	SW846-3005
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	0.1	mg/L	04/26/05		JRB	M8100CT
Identification	ND		mg/L	04/26/05		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	78		%	04/26/05		JRB	M8100CT
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS FB 041905 Phoenix I.D.: AG34930

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
Benzene	ND	1	ug/L	04/21/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/21/05		RM	SW8260
Bromochloromethane	ND	1	ug/L	04/21/05		RM	SW8260
Bromodichloromethane	ND	1	ug/L	04/21/05		RM	SW8260
Bromoform	ND	1	ug/L	04/21/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/21/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/21/05		RM	SW8260
Chloroform	ND	1	ug/L	04/21/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/21/05		RM	SW8260
Isopropylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/21/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/21/05		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
n-Propylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Naphthalene	ND	1	ug/L	04/21/05		RM	SW8260
o-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/21/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS FB 041905 Phoenix I.D.: AG34930

Parameter	Result	RL	Units	Date	Time	By	Reference
sec-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Styrene	ND	1	ug/L	04/21/05		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Toluene	ND	1	ug/L	04/21/05		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/21/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	129		%	04/21/05		RM	SW8260
% Bromofluorobenzene	71		%	04/21/05		RM	SW8260
% Dibromofluoromethane	99		%	04/21/05		RM	SW8260
% Toluene-d8	102		%	04/21/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 29, 2005

FOR: Attn: Mr. Brian McCarthy
MPI
100 Roscommon Drive
Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/19/05	0:00
Location Code:	MPI	Received by:	BP	04/20/05	17:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG34931

Laboratory Data

Client ID: WATERBURY ROLLING MILLS TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatile Water							
1,1,1,2-Tetrachloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,1-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/21/05		RM	SW8260
1,1,2-Trichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
1,1-Dichloropropene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,3-Trichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2,4-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloroethane	ND	1	ug/L	04/21/05		RM	SW8260
1,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,3,5-Trimethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
1,3-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
1,4-Dichlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
2,2-Dichloropropane	ND	1	ug/L	04/21/05		RM	SW8260
2-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
4-Chlorotoluene	ND	1	ug/L	04/21/05		RM	SW8260
Benzene	ND	1	ug/L	04/21/05		RM	SW8260
Bromobenzene	ND	1	ug/L	04/21/05		RM	SW8260

Client ID: WATERBURY ROLLING MILLS TRIP BLANK Phoenix I.D.: AG34931

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	1	ug/L	04/21/05		RM	SW8260
romodichloromethane	ND	1	ug/L	04/21/05		RM	SW8260
Bromoform	ND	1	ug/L	04/21/05		RM	SW8260
Bromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Carbon tetrachloride	ND	1	ug/L	04/21/05		RM	SW8260
Chlorobenzene	ND	1	ug/L	04/21/05		RM	SW8260
Chloroethane	ND	1	ug/L	04/21/05		RM	SW8260
Chloroform	ND	1	ug/L	04/21/05		RM	SW8260
Chloromethane	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromochloromethane	ND	0.5	ug/L	04/21/05		RM	SW8260
Dibromomethane	ND	1	ug/L	04/21/05		RM	SW8260
Dichlorodifluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Ethylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Hexachlorobutadiene	ND	1	ug/L	04/21/05		RM	SW8260
Isopropylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
m&p-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1	ug/L	04/21/05		RM	SW8260
Methylene chloride	ND	1	ug/L	04/21/05		RM	SW8260
n-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
-Propylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Naphthalene	ND	1	ug/L	04/21/05		RM	SW8260
o-Xylene	ND	1	ug/L	04/21/05		RM	SW8260
p-Isopropyltoluene	ND	1	ug/L	04/21/05		RM	SW8260
sec-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Styrene	ND	1	ug/L	04/21/05		RM	SW8260
tert-Butylbenzene	ND	1	ug/L	04/21/05		RM	SW8260
Tetrachloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Toluene	ND	1	ug/L	04/21/05		RM	SW8260
Total Xylenes	ND	0.5	ug/L	04/21/05		RM	SW8260
trans-1,2-Dichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/21/05		RM	SW8260
Trichloroethene	ND	1	ug/L	04/21/05		RM	SW8260
Trichlorofluoromethane	ND	1	ug/L	04/21/05		RM	SW8260
Vinyl chloride	ND	1	ug/L	04/21/05		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	04/21/05		RM	SW8260
% Bromofluorobenzene	91		%	04/21/05		RM	SW8260
% Dibromofluoromethane	98		%	04/21/05		RM	SW8260
% Toluene-d8	102		%	04/21/05		RM	SW8260

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

TRIP BLANK INC

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
April 29, 2005

FOR: Attn: Mr. Brian McCarthy
Malcolm Pirnie Inc
100 Roscommon Dr, Suite 100
Middletown, CT 06457

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		04/19/05	0:00
Location Code:	MALCPIR	Received by:	LB	04/20/05	17:15
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	0284316				

SDG I.D.: GAG34843
Phoenix I.D.: AG35045

Laboratory Data

Client ID: WATERBURY ROLLING MILLS MP-33 B

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EK	200.7/6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	04/26/05		EK	200.7/6010
Calcium (Dissolved)	35.4	0.01	mg/L	04/26/05		EKT	200.7/6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	04/26/05		EKT	200.7/6010
Copper (Dissolved)	0.099	0.001	mg/L	04/26/05		EKT	6010/E200.7
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	04/26/05		RS	SW-7470
Nickel (Dissolved)	0.059	0.002	mg/L	04/26/05		EKT	200.7/6010
Lead (Dissolved)	< 0.001	0.001	mg/L	04/26/05		RS	7421/E239.2
Selenium (Dissolved)	< 0.01	0.01	mg/L	04/26/05		EKT	200.7/6010
Zinc (Dissolved)	0.119	0.002	mg/L	04/26/05		EKT	200.7/6010
Dissolved Mercury Digestion	Completed		NA	04/26/05		TR	SW7470
Dissolved Metals Preparation	Completed			04/21/05		AG	SW846-3005

Comments: ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 29, 2005

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG34843 (AG34843, AG34844, AG34845, AG34846, AG34847, AG34848, AG34849, AG34850, AG34851, AG34852, AG34853, AG34854, AG34855, AG34856, AG34857, AG34858, AG34859, AG34860, AG34861)						
ICP Metals - Dissolved						
Aluminum	BDL	90.8	NC	88.4	91.5	3.4
Antimony	BDL	87.0	NC	91.5	93.3	1.9
Arsenic	BDL	105	NC	108	111	2.7
Barium	BDL	92.3	0.2	93.7	96.7	3.2
Beryllium	BDL	92.8	NC	94.6	97.8	3.3
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	95.2	NC	95.6	98.6	3.1
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	92.5	NC	93.5	96.4	3.1
Cobalt	BDL	93.1	NC	93.9	97.1	3.4
Copper	BDL	96.3	NC	99.3	102	2.7
Iron	BDL	94.6	1.20	103	98.0	5.0
Lead	BDL	95.9	NC	95.1	97.8	2.8
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	94.3	0.4	88.2	93.2	5.5
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	92.1	3.20	92.1	94.8	2.9
Phosphorus	BDL	---	---	---	---	NC
Potassium	BDL	---	---	---	---	NC
Selenium	BDL	89.0	NC	92.0	94.7	2.9
Silver	BDL	73.6	NC	58.0	57.2	1.4
Sodium	BDL	---	---	---	---	NC
Thallium	BDL	93.3	NC	93.4	96.0	2.7
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	92.3	NC	94.2	97.4	3.3
Zinc	BDL	88.6	1.00	90.0	92.4	2.6

Comment: Spike solution was almost empty.Showed signs of deterioration for silver.

QA/QC Batch Sample No: AG34862 (AG34862, AG34863, AG34864, AG34866, AG34867, AG34868, AG34869, AG34870, AG34871, AG34872, AG34873, AG34930, AG35045)						
ICP Metals - Dissolved						
Aluminum	BDL	93.9	NC	90.6	91.8	1.3

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	Dup RPD	MS Rec %	MS Dup Rec %	RPD
Antimony	BDL	89.4	NC	87.8	89.6	2.0
Arsenic	BDL	109	NC	107	109	1.9
Barium	BDL	95.8	1.60	92.1	93.2	1.2
Beryllium	BDL	95.2	NC	93.8	94.4	0.6
Boron	BDL	---	---	---	---	NC
Cadmium	BDL	99.0	NC	95.0	96.6	1.7
Calcium	BDL	---	---	---	---	NC
Chromium	BDL	95.6	1.30	91.9	93.2	1.4
Cobalt	BDL	97.2	3.60	93.1	94.5	1.5
Copper	BDL	99.2	2.40	100	103	3.0
Iron	BDL	98.2	2.00	93.4	96.3	3.1
Lead	BDL	99.3	NC	93.7	95.0	1.4
Magnesium	BDL	---	---	---	---	NC
Manganese	BDL	97.5	2.10	91.0	101	10.4
Molybdenum	BDL	---	---	---	---	NC
Nickel	BDL	95.6	1.90	90.4	92.6	2.4
Phosphorus	BDL	---	---	---	---	NC
Potassium	BDL	---	---	---	---	NC
Selenium	BDL	92.9	NC	91.3	92.0	0.8
[illegible]	BDL	74.6	NC	70.6	72.0	2.0
Sodium	BDL	---	---	---	---	NC
Thallium	BDL	96.9	NC	91.5	92.7	1.3
Tin	BDL	---	---	---	---	NC
Vanadium	BDL	95.5	NC	93.1	94.2	1.2
Zinc	BDL	92.1	1.70	89.0	91.6	2.9

Comment: Spike solution was almost empty.Showed signs of deterioration for silver.

QA/QC Batch Sample No: AG34864 (AG34861, AG34862, AG34863, AG34864, AG34866, AG34867, AG34868, AG34869, AG34870, AG34871, AG34872, AG34873, AG34930)

Mercury	BDL	91	NR	97	97	0.0

QA/QC Batch Sample No: AG34949 (AG34843, AG34844, AG34845, AG34846, AG34847, AG34848, AG34849, AG34850, AG34851, AG34852, AG34853, AG34854, AG34855, AG34856, AG34857, AG34858, AG34859, AG34860)

Mercury	BDL	101	NC	97	98	1.0

QA/QC Batch Sample No: AG35045 (AG35045)

Mercury	BDL	99	NR	97	93	4.2

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
LCS - Laboratory Control Sample

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 29, 2005

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch Sample No: AG34154 (AG34863)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	91			
1,1,1-Trichloroethane	ND	96			
1,1,2,2-Tetrachloroethane	ND	98			
1,1,2-Trichloroethane	ND	101			
1,1-Dichloroethane	ND	100			
1,1-Dichloroethene	ND	110	120	107	11.5
1,1-Dichloropropene	ND	105			
1,2,3-Trichlorobenzene	ND	133			
1,2,3-Trichloropropane	ND	93			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	84			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	91			
1,2-Dichlorobenzene	ND	98			
1,2-Dichloroethane	ND	99			
1,2-Dichloropropane	ND	103			
1,3,5-Trimethylbenzene	ND	98			
1,3-Dichlorobenzene	ND	93			
1,3-Dichloropropane	ND	106			
1,4-Dichlorobenzene	ND	94			
2,2-Dichloropropane	ND	86			
2-Chlorotoluene	ND	97			
4-Chlorotoluene	ND	100			
Benzene	ND	105	110	100	9.5
Bromobenzene	ND	95			
Bromochloromethane	ND	100			
Bromodichloromethane	ND	99			
Bromoform	ND	88			
Bromomethane	ND				
Carbon Tetrachloride	ND	96			
Chlorobenzene	ND	92	103	106	2.9
Chloroethane	ND	109			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	94			
Chloromethane	ND	124			
cis-1,2-Dichloroethene	ND	112			
cis-1,3-Dichloropropene	ND	101			
Dibromochloromethane	ND	94			
Dibromoethane	ND	106			
Dibromomethane	ND	101			
Dichlorodifluoromethane	ND	122			
Ethylbenzene	ND	96			
Hexachlorobutadiene	ND	84			
Isopropylbenzene	ND	106			
m&p-Xylene	ND	94			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	101			
n-Butylbenzene	ND	99			
n-Propylbenzene	ND	97			
Naphthalene	ND	106			
o-Xylene	ND	97			
p-Isopropyltoluene	ND	104			
sec-Butylbenzene	ND	92			
Styrene	ND	93			
tert-Butylbenzene	ND	99			
Tetrachloroethene	ND	90			
Toluene	ND	102	109	99	9.6
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	107			
trans-1,3-Dichloropropene	ND	100			
Trichloroethene	ND	99	109	103	5.7
Trichlorofluoromethane	ND	102			
Vinyl Chloride	ND	128			
% Bromofluorobenzene	75	95	77	75	2.6

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG34385 (AG34849, AG34851)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	96			
1,1,1-Trichloroethane	ND	94			
1,1,2,2-Tetrachloroethane	ND	98			
1,1,2-Trichloroethane	ND	95			
1,1-Dichloroethane	ND	96			
1,1-Dichloroethene	ND	109	119	117	1.7
1,3-Dichloropropene	ND	97			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichlorobenzene	ND	94			
1,2,3-Trichloropropane	ND	97			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	75			
1,2,4-Trimethylbenzene	ND	94			
1,2-Dibromo-3-chloropropane	ND	107			
1,2-Dichlorobenzene	ND	97			
1,2-Dichloroethane	ND	95			
1,2-Dichloropropane	ND	99			
1,3,5-Trimethylbenzene	ND	96			
1,3-Dichlorobenzene	ND	97			
1,3-Dichloropropane	ND	95			
1,4-Dichlorobenzene	ND	96			
2,2-Dichloropropane	ND	84			
2-Chlorotoluene	ND	94			
4-Chlorotoluene	ND	98			
Benzene	ND	99	109	102	6.6
Bromobenzene	ND	98			
Bromochloromethane	ND	96			
Bromodichloromethane	ND	97			
Bromoform	ND	89			
Bromomethane	ND	124			
Carbon Tetrachloride	ND	95			
Chlorobenzene	ND	92	99	101	2.0
Chloroethane	ND	111			
Chloroform	ND	92			
Chloromethane	ND	120			
cis-1,2-Dichloroethene	ND	102			
cis-1,3-Dichloropropene	ND	97			
Dibromochloromethane	ND	93			
Dibromoethane	ND	96			
Dibromomethane	ND	94			
Dichlorodifluoromethane	ND	119			
Ethylbenzene	ND	97			
Hexachlorobutadiene	ND	75			
Isopropylbenzene	ND	101			
m&p-Xylene	ND	96			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	96			
n-Butylbenzene	ND	92			
n-Propylbenzene	ND	96			
Naphthalene	ND	63			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	95			
p-Isopropyltoluene	ND	95			
sec-Butylbenzene	ND	89			
Styrene	ND	92			
tert-Butylbenzene	ND	92			
Tetrachloroethene	ND	89			
Toluene	ND	97	110	100	9.5
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	99			
trans-1,3-Dichloropropene	ND	93			
Trichloroethene	ND	94	112	104	7.4
Trichlorofluoromethane	ND	99			
Vinyl Chloride	ND	115			
% Bromofluorobenzene	94	102	94	92	2.2
QA/QC Batch Sample No: AG34476 (AG34850, AG34931)					
Volatiles Organics					
1,1,1,2-Tetrachloroethane	ND	106			
1,1,1-Trichloroethane	ND	111			
1,1.2,2-Tetrachloroethane	ND	94			
Trichloroethane	ND	99			
1,1-Dichloroethane	ND	102			
1,1-Dichloroethene	ND	125	126	112	11.8
1,1-Dichloropropene	ND	116			
1,2,3-Trichlorobenzene	ND				
1,2,3-Trichloropropane	ND	99			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND				
1,2,4-Trimethylbenzene	ND	105			
1,2-Dibromo-3-chloropropane	ND	97			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	102			
1,2-Dichloropropane	ND	100			
1,3,5-Trimethylbenzene	ND	107			
1,3-Dichlorobenzene	ND	105			
1,3-Dichloropropane	ND	102			
1,4-Dichlorobenzene	ND	99			
2,2-Dichloropropane	ND	104			
2-Chlorotoluene	ND	107			
4-Chlorotoluene	ND	107			
ene	ND	106	106	100	5.8
Bromobenzene	ND	103			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Bromochloromethane	ND	98			
Bromodichloromethane	ND	100			
Bromoform	ND	94			
Bromomethane	ND	113			
Carbon Tetrachloride	ND	113			
Chlorobenzene	ND	104	106	97	8.9
Chloroethane	ND	122			
Chloroform	ND	99			
Chloromethane	ND				
cis-1,2-Dichloroethene	ND	107			
cis-1,3-Dichloropropene	ND	96			
Dibromochloromethane	ND	101			
Dibromoethane	ND	97			
Dibromomethane	ND	98			
Dichlorodifluoromethane	ND	193			
Ethylbenzene	ND	107			
Hexachlorobutadiene	ND	85			
Isopropylbenzene	ND	116			
m&p-Xylene	ND	108			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	98			
n-Butylbenzene	ND	105			
n-Propylbenzene	ND	110			
Naphthalene	ND				
o-Xylene	ND	103			
p-Isopropyltoluene	ND	112			
sec-Butylbenzene	ND	103			
Styrene	ND	101			
tert-Butylbenzene	ND	107			
Tetrachloroethene	ND	116			
Toluene	ND	103	105	99	5.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	111			
trans-1,3-Dichloropropene	ND	95			
Trichloroethene	ND	105	112	104	7.4
Trichlorofluoromethane	ND	130			
Vinyl Chloride	ND				
% Bromofluorobenzene	93	99	93	89	4.4

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG34565 (AG34849, AG34850, AG34851, AG34853, AG34854, AG34856, AG34857, AG34858, AG34860, AG34862)

TPH by GC (Extractable Products)

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND		99	100	1.0
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				
Unidentified	ND				

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch Sample No: AG34659 (AG34930)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	103			
1,1,2,2-Tetrachloroethane	ND	97			
1,1,2-Trichloroethane	ND	95			
1,1-Dichloroethane	ND	102			
1,1-Dichloroethene	ND	116	106	130	20.3
1,1-Dichloropropene	ND	107			
1,2,3-Trichlorobenzene	ND	82			
1,2,3-Trichloropropane	ND	97			
Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	68			
1,2,4-Trimethylbenzene	ND	101			
1,2-Dibromo-3-chloropropane	ND	94			
1,2-Dichlorobenzene	ND	99			
1,2-Dichloroethane	ND	100			
1,2-Dichloropropane	ND	98			
1,3,5-Trimethylbenzene	ND	100			
1,3-Dichlorobenzene	ND	101			
1,3-Dichloropropane	ND	107			
1,4-Dichlorobenzene	ND	96			
2,2-Dichloropropane	ND	98			
2-Chlorotoluene	ND	105			
4-Chlorotoluene	ND	102			
Benzene	ND	102	94	110	15.7
Bromobenzene	ND	99			
Bromochloromethane	ND	103			
Bromodichloromethane	ND	98			
Bromoform	ND	93			
Bromomethane	ND	236			
on Tetrachloride	ND	99			
Chlorobenzene	ND	100	100	106	5.8

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Chloroethane	ND	123			
Chloroform	ND	98			
Chloromethane	ND	118			
cis-1,2-Dichloroethene	ND	106			
cis-1,3-Dichloropropene	ND	94			
Dibromochloromethane	ND	100			
Dibromoethane	ND	101			
Dibromomethane	ND	99			
Dichlorodifluoromethane	ND	170			
Ethylbenzene	ND	103			
Hexachlorobutadiene	ND	71			
Isopropylbenzene	ND	109			
m&p-Xylene	ND	105			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	100			
n-Butylbenzene	ND	99			
n-Propylbenzene	ND	105			
Naphthalene	ND	67			
o-Xylene	ND	99			
p-Isopropyltoluene	ND	107			
sec-Butylbenzene	ND	96			
Styrene	ND	94			
tert-Butylbenzene	ND	106			
Tetrachloroethene	ND	100			
Toluene	ND	101	94	108	13.9
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	109			
trans-1,3-Dichloropropene	ND	90			
Trichloroethene	ND	101	100	110	9.5
Trichlorofluoromethane	ND	116			
Vinyl Chloride	ND	126			
% Bromofluorobenzene	73	101	71	75	5.5

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG34863 (AG34863, AG34864, AG34866, AG34867, AG34868, AG34870, AG34871, AG34872, AG34873, AG34930)

TPH by GC (Extractable Products)

Aviation Fuel/Kerosene	ND				
Fuel Oil #2/ Diesel Fuel	ND		98	103	5.0
Fuel Oil #4	ND				
Fuel Oil #6	ND				
Motor Oil	ND				
Other Oil (Cutting & Lubricating)	ND				

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Unidentified	ND				

Comment: A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch Sample No: AG35362 (AG34846, AG34848, AG34851, AG34863, AG34864, AG34873)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	97			
1,1,2,2-Tetrachloroethane	ND	100			
1,1,2-Trichloroethane	ND	101			
1,1-Dichloroethane	ND	95			
1,1-Dichloroethene	ND	98	92	95	3.2
1,1-Dichloropropene	ND	99			
1,2,3-Trichlorobenzene	ND	99			
1,2,3-Trichloropropane	ND	100			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	100			
1,2,4-Trimethylbenzene	ND	96			
1,2-Dibromo-3-chloropropane	ND	103			
1,2-Dichlorobenzene	ND	100			
1,2-Dichloroethane	ND	99			
ichloropropane	ND	99			
1,3,5-Trimethylbenzene	ND	94			
1,3-Dichlorobenzene	ND	97			
1,3-Dichloropropane	ND	99			
1,4-Dichlorobenzene	ND	96			
2,2-Dichloropropane	ND	109			
2-Chlorotoluene	ND	96			
4-Chlorotoluene	ND	98			
Benzene	ND	98	100	97	3.0
Bromobenzene	ND	95			
Bromochloromethane	ND	100			
Bromodichloromethane	ND	99			
Bromoform	ND	104			
Bromomethane	ND	96			
Carbon Tetrachloride	ND	99			
Chlorobenzene	ND	96	104	103	1.0
Chloroethane	ND	92			
Chloroform	ND	94			
Chloromethane	ND	124			
cis-1,2-Dichloroethene	ND	102			
3-Dichloropropene	ND	89			
Dibromochloromethane	ND	100			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Dibromoethane	ND	102			
Dibromomethane	ND	101			
Dichlorodifluoromethane	ND	105			
Ethylbenzene	ND	96			
Hexachlorobutadiene	ND	99			
Isopropylbenzene	ND	102			
m&p-Xylene	ND	100			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	98			
n-Butylbenzene	ND	94			
n-Propylbenzene	ND	97			
Naphthalene	ND	105			
o-Xylene	ND	99			
p-Isopropyltoluene	ND	99			
sec-Butylbenzene	ND	92			
Styrene	ND	102			
tert-Butylbenzene	ND	93			
Tetrachloroethene	ND	97			
Toluene	ND	97	100	98	2.0
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	96			
trans-1,3-Dichloropropene	ND	90			
Trichloroethene	ND	100	106	104	1.9
Trichlorofluoromethane	ND	97			
Vinyl Chloride	ND	116			
% Bromofluorobenzene	9.93	103	102	100	2.0

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG35660 (AG34847)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	101			
1,1,1-Trichloroethane	ND	104			
1,1,2,2-Tetrachloroethane	ND	90			
1,1,2-Trichloroethane	ND	94			
1,1-Dichloroethane	ND	99			
1,1-Dichloroethene	ND	117	120	98	20.2
1,1-Dichloropropene	ND	105			
1,2,3-Trichlorobenzene	ND	79			
1,2,3-Trichloropropane	ND	94			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND				
1,2,4-Trimethylbenzene	ND	102			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
1,2-Dibromo-3-chloropropane	ND	84			
1,2-Dichlorobenzene	ND	94			
1,2-Dichloroethane	ND	97			
1,2-Dichloropropane	ND	99			
1,3,5-Trimethylbenzene	ND	105			
1,3-Dichlorobenzene	ND	101			
1,3-Dichloropropane	ND	102			
1,4-Dichlorobenzene	ND	95			
2,2-Dichloropropane	ND	102			
2-Chlorotoluene	ND	106			
4-Chlorotoluene	ND	103			
Benzene	ND	102	105	88	17.6
Bromobenzene	ND	102			
Bromochloromethane	ND	98			
Bromodichloromethane	ND	100			
Bromoform	ND	93			
Bromomethane	ND				
Carbon Tetrachloride	ND	107			
Chlorobenzene	ND	100	105	87	18.8
t oethane	ND	122			
Chloroform	ND	94			
Chloromethane	ND	105			
cis-1,2-Dichloroethene	ND	103			
cis-1,3-Dichloropropene	ND	94			
Dibromochloromethane	ND	102			
Dibromoethane	ND	100			
Dibromomethane	ND	96			
Dichlorodifluoromethane	ND				
Ethylbenzene	ND	107			
Hexachlorobutadiene	ND	77			
Isopropylbenzene	ND	118			
m&p-Xylene	ND	107			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	97			
n-Butylbenzene	ND	102			
n-Propylbenzene	ND	108			
Naphthalene	ND				
o-Xylene	ND	100			
p-Isopropyltoluene	ND	109			
utylbenzene	ND	99			
Styrene	ND	94			
tert-Butylbenzene	ND	112			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Tetrachloroethene	ND	117			
Toluene	ND	104	110	88	22.2
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	104			
trans-1,3-Dichloropropene	ND	94			
Trichloroethene	ND	110	115	90	24.4
Trichlorofluoromethane	ND	115			
Vinyl Chloride	ND	128			
% Bromofluorobenzene	70	100	78	75	3.9

Comment: LFB was analyzed with this batch instead of MS/MSD

QA/QC Batch Sample No: AG36490 (AG34864, AG34873)

Volatiles Organics

1,1,1,2-Tetrachloroethane	ND	93			
1,1,1-Trichloroethane	ND	90			
1,1,2,2-Tetrachloroethane	ND	101			
1,1,2-Trichloroethane	ND	92			
1,1-Dichloroethane	ND	93			
1,1-Dichloroethene	ND	98	103	108	4.7
1,1-Dichloropropene	ND	94			
1,2,3-Trichlorobenzene	ND	102			
1,2,3-Trichloropropane	ND	94			
1,2,3-Trimethylbenzene	ND				
1,2,4-Trichlorobenzene	ND	100			
1,2,4-Trimethylbenzene	ND	92			
1,2-Dibromo-3-chloropropane	ND	105			
1,2-Dichlorobenzene	ND	96			
1,2-Dichloroethane	ND	88			
1,2-Dichloropropane	ND	90			
1,3,5-Trimethylbenzene	ND	92			
1,3-Dichlorobenzene	ND	96			
1,3-Dichloropropane	ND	97			
1,4-Dichlorobenzene	ND	96			
2,2-Dichloropropane	ND	99			
2-Chlorotoluene	ND	94			
4-Chlorotoluene	ND	95			
Benzene	ND	95	98	104	5.9
Bromobenzene	ND	93			
Bromochloromethane	ND	95			
Bromodichloromethane	ND	90			
Bromoform	ND	92			
Bromomethane	ND	125			

QA/QC Data

SDG I.D.: GAG34843

Parameter	Blank	LCS %	MS Rec %	MS Dup Rec %	RPD
Carbon Tetrachloride	ND	91			
Chlorobenzene	ND	90	93	97	4.2
Chloroethane	ND	99			
Chloroform	ND	91			
Chloromethane	ND	116			
cis-1,2-Dichloroethene	ND	97			
cis-1,3-Dichloropropene	ND	90			
Dibromochloromethane	ND	92			
Dibromoethane	ND	93			
Dibromomethane	ND	90			
Dichlorodifluoromethane	ND	113			
Ethylbenzene	ND	91			
Hexachlorobutadiene	ND	93			
Isopropylbenzene	ND	100			
m&p-Xylene	ND	90			
Methyl t Butyl Ether (MTBE)	ND				
Methylene Chloride	ND	102			
n-Butylbenzene	ND	92			
n-Propylbenzene	ND	92			
thalene	ND	109			
o-Xylene	ND	94			
p-Isopropyltoluene	ND	97			
sec-Butylbenzene	ND	87			
Styrene	ND	96			
tert-Butylbenzene	ND	90			
Tetrachloroethene	ND	89			
Toluene	ND	93	95	97	2.1
Total Trihalomethanes (TTHM)	ND				
trans-1,2-Dichloroethene	ND	98			
trans-1,3-Dichloropropene	ND	93			
Trichloroethene	ND	90	94	95	1.1
Trichlorofluoromethane	ND	88			
Vinyl Chloride	ND	116			
% Bromofluorobenzene	103	100	101	102	1.0

Comment: LFB was analyzed with this batch instead of MS/MSD

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
RPD - Relative Percent Difference
- Laboratory Control Sample

Phyllis Shiller

Phyllis Shiller, Laboratory Director
April 29, 2005

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 5° Pg 1 of 3

Data Delivery (check one):
☐ Fax #:
☑ Email: dBROCKMEYER@PHOENIXLABS.COM
Format: ☑ Excel ☐ Pdf ☐ Gis Key

Customer: HANCOCK PICKLE INC
Address: 100 RUSCOMMON DR MIDDLETOWN, CT

Project: WATERBURY ROLLING MILLS
Report to: BRIAN McCARTHY
Invoice to:

Project P.O: 02847316
Phone #: (860) 635-3400
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/20/05

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=Oil
GW=groundwater **SL**=sludge **A**=air **X**=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	ETPH	Diss Cr, Cu, Ni, Pb, Zn	Be, Ag	VOA	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
1	34843	MP-24	GW	4/15/05		X	X										1		
2	34844	MP-32	GW	4/15/05			X		X				2				1		
3	34845	MP-28	GW	4/15/05			X		X				2				1		
4	34846	MP-30	GW	4/15/05			X		X				2				1		
5	34847	MP-35	GW	4/15/05			X		X				2				1		
6	34848	MP-31	GW	4/15/05			X		X				2				1		
7	34849	MP-34	GW	4/15/05		X	X		X				2	1			1		
8	34850	MP-36	GW	4/15/05		X	X		X				2	1			1		
9	34851	MP-37	GW	4/15/05		X	X		X				2	1			1		
10	34852	MP-23	GW	4/18/05			X										1		
11	34853	MP-22	GW	4/18/05		X	X		X					1			1		
12	34854	MP-08	GW	4/18/05		X	X							1			1		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/20/05	10:15
[signature]	[signature]	4/20/05	17:15

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☑ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☑ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 5° Page of 3

Data Delivery (check one):
☐ Fax #:
☒ Email: dbrackett@malcolmpirnie.com
Format: ☒ Excel ☐ Pdf ☐ Gis Key

Customer: MALCOLM PIRNIE INC
Address: 100 S. COMMON DRIVE MIDDLETOWN, CT

Project: WATERBURY ROLLING HILLS
Report to: Brian McCarthy
Invoice to:

Project P.O: 0284316
Phone #: (860) 347-3100
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 4/20/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
13	34855	MP-06	GW	4/	
14	34856	MP-26	GW		
15	34857	MP-1	GW		
16	34858	MP-12	GW		
17	34859	MP-17	GW		
18	34860	HA-2	GW	4/20/05	
19	34861	HA-1	GW	4/20/05	
20	34862	HA-4	GW	4/20/05	
21	34863	MP-29	GW		
22	34864	MP-34	GW		
23	34865	HA-3	GW		
24	34866	MP-10	GW		

Analysis Request

ETPH	8260 (Ca Cu Ni H Zn Cr Pb Hg Se Ag)	VOA	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	X							1				
X	X				1			1				
X	X				1			1				
X	X				1			1				
	X							1				
X	X				1			1				
	X							1				
X	X				1			1				
X	X	X		2	1			1				
X	X	X		2	1			1				
	X							1				
X	X				1			1				

Relinquished by:	Accepted by:	Date:	Time:
	[signature]	4/20/05	10:15
[signature]	[signature]	4/20/05	17:15

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☒ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☒ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6° Pg 3 of 3

Data Delivery (check one):
☐ Fax #:
☒ Email:
Format: ☒ Excel ☐ Pdf ☐ Gis Key

Customer: Malcolm Pirnie Inc
Address: 100 Bloomfield Drive, Middletown, CT
Project: Wallingford Rolling Mills
Report to: Karen McCarthy
Invoice to:
Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature
Date 4/20/05

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=Oil
GW=groundwater SL=sludge A=air X=Other

Analysis Request

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPH	VPH	(Cu, Ni, Zn (Cr, Pb))	8260 (Full List)	VOA	Soil VOA Vial [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
25	34867	MP-21	W	4/19/05		X	X							1			1			
26	34868	MP-16	W	4/19/05		X	X							1			1			
27	34869	MP-33	GW	4/19/05			X		X				2				1			
28	34870	MP-20	GW	4/19/05		X	X							1			1			
29	34871	MP-14	GW	4/19/05		X	X							1			1			
30	34872	MP-18	GW	4/19/05		X	X							1			1			
31	34873	MP-40	GW	4/19/05		X	X		X				2	1			1			
32	34930	FB041905				X	X		X											
33	34931	TB							X											
34	35045	MP-33 B					X													

Relinquished by:	Accepted by:	Date:	Time:
		4/20/05	10:15
		4/20/05	17:15

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT/RI
☒ Res. Criteria
☐ GW Protection
☐ GA Mobility
☐ GB Mobility
☐ SW Protection
☒ Res. Vol.
☐ Ind. Vol.

Requirements for MA
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MCP Certification
☐ Other