2009 Annual Sampling Report

Former Envirite RCRA Facility

Old Waterbury Road
Thomaston, Connecticut

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June 2010

RDMS DocID 109180

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1 Introduction

This report documents the observations and analytical results of the four (4) quarterly sampling events completed during 2009 at the former Envirite facility located in Thomaston, Connecticut (herein referred to as the "Site"). Quarterly monitoring and sampling of select site groundwater monitoring wells was conducted on April 28th, June 23rd, September 23rd, and December 17, 2009.

Vanasse Hangen Brustlin, Inc. (VHB) personnel collected the samples, and Phoenix Environmental Laboratories, Inc. (Phoenix), a Connecticut certified laboratory, analyzed the samples. Sampling and analytical procedures were performed according to Envirite's revised Post-Closure Plan, dated April 1987, as approved by the United States Environmental Protection Agency (USEPA) and Connecticut Department of Environmental Protection (CTDEP).

Site Description

The subject site is located primarily within the Town of Thomaston, Connecticut except for the westernmost portion of the site, which is located within the Town of Watertown, Connecticut. A Site Location Map is included as Figure 1. The site is located between Branch Brook (which flows through the western portion of the site) and the Naugatuck River (located approximately 100 feet east of the site). Properties surrounding the subject site include the Thomaston Publicly Owned Treatment Works (POTW) to the south, and various commercial and industrial businesses to the north. The site may be accessed from Old Waterbury Road.

Site History

Envirite was founded in 1975. The Company came to own and operate regional waste treatment and recycling facilities in four different states, each facility designed to specialize in the management of inorganic, metal-bearing industrial waste considered

hazardous prior to treatment or recycling.

In Thomaston, Connecticut, Envirite operated an industrial waste treatment and disposal facility at the subject site from 1975 until 1990. Inorganic waste liquids (primarily consisting of metal finishing and similar wastewater solutions and sludges) were received at the site. No organic wastes were received at the site. All inorganic waste liquids received at the site were first screened for acceptability, and then treated indoors in Fiberglas tanks with a batch process that produced (a) liquids to be discharged to the local publicly-owned treatment works in conformity with applicable discharge standards and (b) residual solids the character of which was subjected to federal and state standards setting forth what criteria had to be met such that the solids no longer would be considered hazardous according to those standards. Following tests to determine conformity with those standards, the solids were then placed in an onsite monofill surrounding the treatment building. No materials were placed in the monofill other than those treated solids. In 1990 when the monofill reached capacity, Envirite discontinued all operations at the site.

In 1996 Envirite sold the treatment building to a new company called Pure-Etch which proposed converting the facility into a spent etchant recycling business. Pure-Etch suffered financial difficulties, and was unable to complete the conversion. Envirite ultimately repurchased the treatment building, and therefore came to own the entire property again. Today the property is owned by a wholly-owned subsidiary of Envirite called Thomaston Enterprises, and this is Envirite's only activity. Envirite sold all of its operating facilities in early 2007, and now is focused solely on the subject site. The Site buildings were dismantled in 2008.

Additional information pertaining to the history of the site is included in previous annual reports for the facility.

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Groundwater Monitoring Program

Groundwater Monitoring Well Network

The 2009 quarterly sampling program performed by VHB included the sampling of 12 monitoring wells (MW-30, MW-31S, MW-33, MW-36, MW-41S, MW-41D, MW-41B, MW-42S, MW-43S, MW-43D, MW-44D and MW-44B). The majority of these monitoring wells are constructed of 2-inch PVC. Monitoring wells MW-30 and MW-33 are constructed of 1.5" PVC. The sampled wells are completed with locking stick up casings with the exception of MW-30, which is finished as a flush grade well.

VHB collected two (2) surface water samples from Branch Brook; one up-gradient sample [SW-UP] and one down gradient sample [SW-DN] during each of the quarterly sampling events of 2009.

Groundwater Sampling and Analysis

VHB collected groundwater and surface water samples and submitted the samples to Phoenix Environmental Laboratories, Inc. (Phoenix), a Connecticut certified laboratory, for analysis. Sampling and analytical procedures were performed in accordance with Envirite's revised Post-Closure Plan (April 1987), as approved by the USEPA and the CTDEP. Samples from the monitored wells were analyzed in the field for specific conductivity, pH and temperature (data collected during each quarter are included in the Tables section). The samples were analyzed for volatile organic compounds (VOCs) and selected inorganic constituents, which are listed on the quarterly laboratory sheets in the Appendices of this report.

Samples were analyzed according to USEPA Method 8260 and by additional methods described in "Test Methods for Evaluating Solid Waste", USEPA SW-846 (1991) and "Standard Methods for Examination of Water and Wastewater", APHA-AWWA-WPCF (1989). The sampling and analytical protocols used were consistent with Envirite's Post-

Closure Plan and subsequent revisions including the response to the EPA's review and comment of Envirite's groundwater assessment plan (May 1992).

Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) samples were collected during each of the four (4) 2009 sampling events. These samples consisted of trip blanks (one collected each sampling event), a field blank, an equipment blank, and a duplicate sample collected from monitoring well MW-42S, for each quarterly sampling event. Results of QA/QC sampling for each quarter are summarized in VHB's quarterly reports of 2009.

3

Hydrogeology

Hydrogeologic Setting

The hydrogeologic setting of the subject site is discussed in the Phase I report titled "RCRA Facility Investigation, Phase I Report, Envirite Corporation, Thomaston, Connecticut" submitted to the CTDEP and USEPA in March 1995. The information presented in this section has been taken from the 1996 Annual Report prepared by GZA.

Physiographic and Topographic Setting

The subject site is located within the Branch Brook Sub-basin (Number 6910) of the Naugatuck Regional Basin (DEP bulletin No. 4, June 1982). The facility is located approximately 0.4 miles north of the confluence of Branch Brook with the Naugatuck River. The Naugatuck River Valley is located in the western highlands area of Connecticut; the general topography of this area consists of rolling farmland with occasional steep valleys associated with the Naugatuck River and its tributaries. In the vicinity of Envirite, the elevation of the Naugatuck River bed is approximately 317 to 324 feet above mean sea level. The adjacent highlands range in elevation from 550 to 850 feet above MSL.

The topography of the area was created during periods of Pleistocene glaciation, which stripped away pre-glacial deposits and scoured the bedrock leaving a hard, fresh bedrock surface. Exposed bedrock is still found throughout the highland areas and occasionally along the Naugatuck River.

Surficial Geology

The glacial and post-glacial deposits overlying the bedrock consist of till, stratified drift and glacio-fluvial deposits. Till is the most extensive deposit in the area covering the majority of the highlands. Stratified drift and glacio-fluvial deposits are found mostly within the river valleys. During recent down cutting and flooding of the area by rivers, relatively thin layers of alluvium have been deposited on the glacial deposits.

Bedrock Geology

Based on preliminary mapping and field observations of the Thomaston area, bedrock in the vicinity of the subject site is composed of gneiss and schist. The USGS bedrock map of Connecticut (Rodgers, 1985) identifies the bedrock beneath the site as part of the Collinsville Formation, which is similar or equal to the Reynolds Bridge Formation described by Cassie (1965) and MacGregor (1965) and to the Hitchcock Lake Member of the Hartland Formation described by Gates and Martin (1967). These formations are composed of gray-silvery, medium to coarse-grained schist and dark, fine to medium-grained amphibolite and hornblende gneiss. Gneiss in the area is characteristically banded and streaked with dark and light micas, quartz and feldspars. Schists in the area are part of the Straits Schists formation, a coarse plagioclase, muscovite and quartz rock with large crystals of garnet and kyanite.

The Straits Schist is the most resistant rock type in the area and forms the most prominent ridges. Generally, the northwesterly dip of the Straits Schist controls the steep east facing cliffs and the gentler northwest facing slopes of the north-south trending ridges. The Naugatuck River valley and its associated steep east and west walls were most likely created by the down cutting of the Naugatuck River and glacial activity.

Please refer to the 1996 Annual Report prepared by GZA for additional information on the surficial and bedrock geology of the site, including cross-sectional views.

Site Specific Hydrogeologic Setting

Monitoring well elevation data for the four (4) quarterly monitoring events of 2009 are included in the Table 1. Monitoring well locations are depicted on Figure 2.

Groundwater Flow Direction

Horizontal groundwater flow maps for the April 28th, June 23rd, September 23rd, and December 17, 2009 monitoring events are included in the Figures section of this report (Figures 3, 4, 5, and 6). The observed flow patterns during the four quarterly monitoring events are relatively consistent with historical data. As has been reported previously, groundwater flow at the site is generally toward the south, but is strongly affected by recharge from the adjacent rivers and bedrock, which dips to the southwest.

Xpert Design and Diagnostics, LLC (XDD) described a conceptual model of groundwater flow patterns at the Thomaston Site in a letter to Envirite dated September 29, 1999. The XDD model states that groundwater flow is influenced during winter and spring months by recharge from the Branch Brook, which borders the western side of the Site and the Naugatuck River, which runs parallel to the Eastern boundary. Recharge from Branch Brook causes a groundwater mound to form in the northeast corner of the Site. This results in an easterly flow of groundwater across the northern side of the Site. The XDD model further states that the easterly component of flow is mitigated by a similar groundwater mound caused by recharge from the Naugatuck River. As a result, groundwater flow changes from easterly to south southeasterly as it approaches the Naugatuck River.

Downward vertical gradients were consistently observed in the southwest corner of the site. Occasional downward gradients were observed in the central and southeastern portions of the site. The XDD Model suggests that vertical groundwater mixing between the deep and shallow overburden is probable. In most cases, this results in shallow groundwater mixing into deeper overburden groundwater within a period of thirty days or less.

Based upon interpretation of data collected during 2009, the hydraulic gradient of shallow, overburden groundwater at the site ranged from approximately 0.004 ft/ft (April) to 0.006 ft/ft (December).

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Summary of Annual Analytical Results for 2009

Comparison Criteria

For comparison purposes only,[1] the annual monitoring data were compared to the Surface Water Protection Criteria (SWPC), the Residential Volatilization Criteria (RVC) and the Industrial Volatilization Criteria (IVC). According to the CTDEP Remediation Standard Regulations (RSRs), to demonstrate compliance with the SWPC certain Volatile Organic Compounds (VOCs) and Metals must achieve one of the two following criteria:

1. The average of the four consecutive quarters of samples has to be less than or equal to the SWPC, or

2. The concentrations at the sampling locations immediately upgradient of the point where the groundwater enters a receiving surface water body is less than or equal to the SWPC, providing the plume is not increasing in size or concentration.

To demonstrate compliance with the RVC or IVC, the 95% Upper Confidence Level (UCL) of the arithmetic mean of the four quarters of samples has to be less than or equal to the RVC or IVC, and no single sample can be more than twice the RVC or IVC. Note: the 95% UCL is calculated using the draft CT DEP's "Calculating the 95% Upper Confidence Level" dated October 5, 2000 and four consecutive quarters of analytical data.

1 It should be noted that Envirite's legal counsel had advised that, according to the Regulations of Connecticut State Agencies Section 22a-133k-1(b), the RSRs do not apply to areas that are affected by discharges allowed under a ground water discharge permit issued pursuant to Section 22a-430. Envirite has held a ground water discharge permit since 1984 at the Thomaston facility. Thus while compliance with RSRs is one indicator of potential need for remediation to CTDEP, USEPA, and Envirite, these regulations are not strictly applicable to ground water constituent levels at the Thomaston facility.

Volatile Organic Compounds (VOCs)

Tables 2 and 3 summarize the analytical data for VOCs in the GB and GA wells, respectively for each of the four (4) quarterly events of 2009.

SWPC: To compare these data to the SWPC, the arithmetic means of the concentrations of the VOC with at least one detection for the four (4) quarterly events were calculated. If the concentration was below the detection limit (BDL) or not detected (ND), half the detection limit was used in the calculation. As shown in Table 4, no target VOCs were calculated to be greater that the applicable SWPC.

RVC: As shown in Table 5, eight (8) VOCs (benzene, 1,2,4-trimethylbenzene, ethylbenzene, trichloroethene, vinyl chloride, toluene, cis-1,2-dichloroethene [cis-1,2-DCE], and xylenes) were detected at concentrations greater than the RVC in 2009. However, six of these eight VOCs (ethylbenzene, cis-1,2-DCE, toluene, TCE, vinyl chloride, and xylenes) are ineligible for statistical analysis because one or more single sample concentrations were greater than two times the RVC in 2009. For the remaining two VOCs, benzene and 1,2,4-trimethylbenzene, the calculated 95% UCL is below the RVC as shown on Tables 6 and 7. For the 95% UCL calculations, benzene and 1,2,4-trimethylbenzene were concluded to be log-normally distributed. There are currently no buildings on Site.

IVC: As shown in Table 5, one VOC, vinyl chloride, was reported above the IVC. Generally, the vinyl chloride concentrations reported are below those of 2008. Vinyl chloride is ineligible for statistical comparison because these samples were greater than two times the IVC in 2009. There are currently no buildings on Site.

The VOCs that were detected at concentrations greater than two times the RVC or IVC are discussed below:

- Ethylbenzene was reported above the laboratory detection limit in MW-31S during all four (4) quarterly sampling events completed during 2009. Ethylbenzene was not reported in any other of the sampled wells during 2009. Ethylbenzene was reported exceeding two times the RVC during the event completed in April 2009, however, the reported concentration is below the IVC.

- cis-1,2-DCE was reported above the laboratory detection limit in ten (10) of the wells sampled during 2009. Cis-1,2-DCE was reported at concentrations exceeding two times the RVC in MW-31S during each of the quarterly events of 2009; however, the reported concentrations in MW-31S did not exceed the IVC.

- Toluene was reported above the laboratory detection limit in MW-31S during three (3) quarterly sampling events completed during 2009. Toluene was not reported in any other of the sampled wells during 2009. Toluene was reported exceeding two

times the RVC during the event completed in April 2009, however, the reported concentrations are below the IVC.

- Trichloroethene was reported above the laboratory detection limit in nine (9) of the wells sampled during 2009. Trichloroethene was reported at concentrations exceeding two times the RVC in monitoring well MW-30 during the June sampling event. The reported concentration is below the IVC.

- Vinyl chloride was reported above the laboratory detection limit in the samples collected from five (5) of the sampled wells during 2009. Concentrations exceeding the RVC were reported in the samples collected from well MW-30 during the June and December events and MW-31S during the June, September, and December events. The highest concentrations, which also exceeded two times the IVC, were reported in MW-31S from the samples collected during June, September, and December 2009.

- Xylenes were reported in the samples collected from MW-31S during each of the quarterly events of 2009. The concentrations reported in the April sample exceed two times the RVC. Concentrations of xylenes were not reported above the laboratory detection limit in any of the other samples wells.

In addition, two surface water samples (SW-DN, SW-UP) were collected from Branch Brook during each sampling event. No VOCs were reported above the laboratory detection limit in the samples collected during 2009 (see Table 9).

Inorganic and Indicator Parameters

Tables 2 and 3 summarize the analytical data for inorganic and indicator parameters for GB and GA wells, respectively for each of the four (4) quarterly events of 2009. Table 9 summarizes the inorganic and indicator parameter data for the upstream and downstream surface water samples collected during 2009.

The average concentrations of cyanide and select metal constituents (that have applicable SWPC criteria) are compared to the SWPC and are presented on Table 4. No comparison criteria exist for the remaining indicator parameters.

SWPC: As shown in Table 4, for the four (4) quarterly sampling events of 2009, zinc was calculated with an arithmetic average of 220 µg/l, which exceeds the SWPC of 123 µg/l. The calculated annual average of for 2009 continues to show a generally downward trend consistent with historical data.

The highest zinc concentrations are generally reported in the samples collected from MW-31S, which are often orders of magnitude higher than those of the remaining wells.

The zinc concentrations in MW-31S, which are likely the result of PEWM, artificially elevate the average zinc concentrations across the Site. By excluding the MW-31S zinc concentration from the calculation, the resultant Site-wide average is well below the SWPC. Recent historical yearly zinc averages are presented below:

- 2009 (220 µg/l)
- 2008 (244 µg/l)
- 2007 (212 µg/l)
- 2006 (252 µg/l)
- 2005 (375 µg/l)

2009 excluding MW-31S (69 µg/l)
2008 excluding MW-31S (92 µg/l)

In line with historical data, during 2009, the wells with the zinc concentrations above the SWPC are MW-31S, MW-42S, and MW-43D. The other analyzed metals have arithmetic averages below the SWPC. The arithmetic average calculated excluding the results from MW-31S is 69 µg/l, which is below the SWPC. The area of MW-31S has identified for remediation in the Draft Corrective Measures Study.

Two surface water samples (SW-DN, SW-UP) were collected from Branch Brook during each sampling event. The samples were analyzed for inorganic and indicator parameters, and compared to the Aquatic Life Criteria (ALC) and Human Health Criteria (HHC). The results of all analyzed inorganic and indicator parameters are below applicable criteria.

Inorganic and Indicator Parameters Trends

A table of historical analytical data as well as trend charts for analytes of concern is included in the Tables and Charts sections of this report.

Chloride: Concentrations of chloride remained relatively stable throughout 2009 and are similar to historical data, which has a generally decreasing trend. A significant decline in the concentrations reported in MW-30 occurred in 2004.

Sulfate: Concentrations of sulfate remained relatively stable throughout 2009 and are similar to concentrations reported since 2004. A generally decreasing trend in concentrations was observed from 1990 to 2004.

Sodium: Concentrations of sodium remained relatively stable throughout 2009 and are in line with historical analytical data, which has had a generally decreasing trend since 1990.

Total Dissolved Solids (TDS): Concentrations of TDS remained relatively stable throughout 2009 and are consistent with historical results, which has had a generally decreasing trend since 1990.

Total Suspended Solids (TSS): Concentrations of TSS remained relatively stable throughout 2008 and are similar to historical data.

Specific Conductivity (SpCon): Specific conductivity levels fluctuated throughout 2009 and are consistent with historical results, which have had a generally decreasing trend since 1990.

Nitrite: Nitrite data collected during 2009 appears to be consistent with historical data, which has had a generally decreasing trend since 1990.

Nitrate: Increasing nitrate concentrations were reported during 2009 in the samples collected from MW-30, however, results from all of the wells appears to be consistent with historical data, which has had a generally decreasing trend since 1990.

Phenols: Concentrations of phenols remained relatively stable throughout 2009 and are similar to concentrations found in the previous year. MW-31S continues to have the highest concentrations.

Total Organic Carbon (TOC): Concentrations of TOC have remained relatively stable throughout 2009 and are similar to historical data with exception of MW-31S. MW-31S continues to have the highest concentrations and appears to have a potentially increasing trend since 2004.

Total Organic Halogens (TOX): Concentrations of TOX have remained relatively stable throughout 2009 and appear to be in line with historical data. Concentrations in MW-30 appear to have declined since 2004. MW-31S continues to have the highest reported concentrations.

Barium: Concentrations of barium have remained relatively stable throughout 2009 and are consistent with historical data.

Cadmium: Concentrations of cadmium have remained fairly consistent with historical data, which has had a generally decreasing trend since 1990.

Chromium: The reported concentrations of chromium were relatively consistent with historical data. The highest concentrations continue to be reported in well MW-31S.

Copper: Concentrations of copper have remained fairly consistent throughout the year. The highest concentrations were reported in well MW-43D, and the concentrations in this well have had a generally decreasing trend since 1990.

Iron: Concentrations of iron have remained fairly consistent throughout the year. The highest concentrations were reported in MW-31S, and the concentrations in this well appear to be potentially increasing.

Manganese: Concentrations of manganese are in line with historical data. The highest concentrations were reported in MW-31S.

Nickel: Concentrations of nickel are in line with historical data, which has had a generally decreasing trend since 1990. The highest concentrations were reported in MW-31S.

Zinc: Concentrations of zinc are in line with historical data. The highest concentrations were reported in MW-31S.

Cyanide: Concentrations of cyanide are below the laboratory reporting limits for 2009. Historical trends in cyanide concentrations are not observed.

pH: pH results are consistent with historical data. A generally increasing trend is observed in the monitoring well with the lowest results, MW-43D.

VOC Trends

Benzene, Ethylbenzene & Toluene: Concentrations of these compounds are observed in one monitoring well, MW-31S, and likely originate from Pre-Envirite Waste Material (PEWM). Concentrations of ethylbenzene and toluene remained fairly consistent with historical levels.

Tetrachloroethylene, Trichloroethene, and Vinyl Chloride: Concentrations of tetrachloroethylene, trichloroethene, and vinyl chloride remained relatively consistent with historical data at the site. The highest concentrations continue to be found in well MW-31S. This VOC likely originates from the PEWM.

Quality Assurance/Quality Control

QA/QC samples collected each quarter consist of a duplicate monitoring well sample (MW-42S DUP), an Equipment Blank, a Field Blank, and a Trip Blank. Duplicate samples from MW-42S displayed good correlation with the original samples throughout 2009.

Equipment Blanks were prepared in the field (typically in the vicinity of the MW-44 well cluster) by pouring laboratory-supplied de-ionized water through decontaminated tubing that had been used to sample previous wells. The de-ionized water is collected in laboratory-supplied containers for analysis. Typically, the Equipment Blank is analyzed for parameters identical to the monitoring well samples.

Field Blanks were prepared in the field (typically in the vicinity of the MW-44 well cluster) by pouring laboratory-supplied de-ionized water directly into laboratory-supplied containers for analysis. Typically, the Field Blank is analyzed for parameters identical to the monitoring well samples.

Trip Blanks were prepared by Phoenix Environmental Laboratories, Inc. and consist of two (2) 40-ml vials that accompany the monitoring well sample containers throughout the sampling trip. The Trip Blanks are analyzed for VOCs only.

5

Adequacy of the Current Monitoring Program

The current approved sampling program consists of twelve monitoring wells and two surface water samples (upstream and downstream samples from Branch Brook). The monitoring and sampling program conforms to USEPA and CT DEP protocols and appears adequate to monitor the required groundwater quality parameters at the site.

6
Discussion

The data from 2009 are generally consistent with the data from previous years. Two primary source areas have previously been identified, and the highest concentrations of constituents are found in the wells within these areas. These areas are as follows:

1) Pre-Envirite Waste Area: Monitoring wells MW-30 and MW-31S are located in areas affected by environmental conditions that existed prior to Envirite. These wells often contain the highest concentrations of certain inorganic constituents (notably chromium, nickel, zinc, iron, manganese, TOX, and TOC). In addition, these wells contain the highest concentrations of certain volatile organic compounds, including benzene, toluene, ethylbenzene, trichloroethylene, vinyl chloride, 1,2,4-trimethylbenzene, methyl ethyl ketone (MEK), and xylenes.

2) Acid Release Area: Acid spills were reported at the site in 1978 and 1983. Monitoring well MW-43D, located down gradient of the spill areas, historically shows the lowest pH. Copper, nickel, and zinc concentrations were historically highest in monitoring well MW-43D. Currently the highest zinc concentrations are found in the Pre-Envirite Waste Area.

Envirite continues to monitor the well network as required by the Post-Closure Plan. Concentrations of target VOCs and metals continue to be consistent with past reports.

7
References

1995 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, February 23, 1996, GZA GeoEnvironmental, Inc., Vernon, Connecticut

1996 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, February 28, 1997, GZA GeoEnvironmental, Inc., Vernon, Connecticut

1997 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, May 1998, AARON Environmental Waterbury, Connecticut

1998 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, March 1999, AARON Environmental Waterbury, Connecticut

1999 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, March 2000, AARON Environmental Waterbury, Connecticut

2000 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, February 2001, AARON Environmental Waterbury, Connecticut

2001 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, December 2002, AARON Environmental Waterbury, Connecticut

2002 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2003, AARON Environmental Plantsville, Connecticut

2003 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2004, AARON Environmental Plantsville, Connecticut

2004 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2005 AARON Environmental Plantsville, Connecticut

2005 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2006 AARON Environmental Plantsville, Connecticut

2006 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2006 AARON Environmental Plantsville, Connecticut

2007 Annual Report - RCRA Monitoring Program -Envirite Corporation - Thomaston, Connecticut, January 2006 AARON Environmental Plantsville, Connecticut

Conceptual Model of Ground Water Flow Patterns and Vertical Mixing at Envirite Landfill, Thomaston, CT. September 29, 1999, Xpert Design and Diagnostics, LLC (XDD), Letter to Mr. William McTigue

Water Quality Standards, April 1996, Connecticut Department of Environmental Protection

Figures

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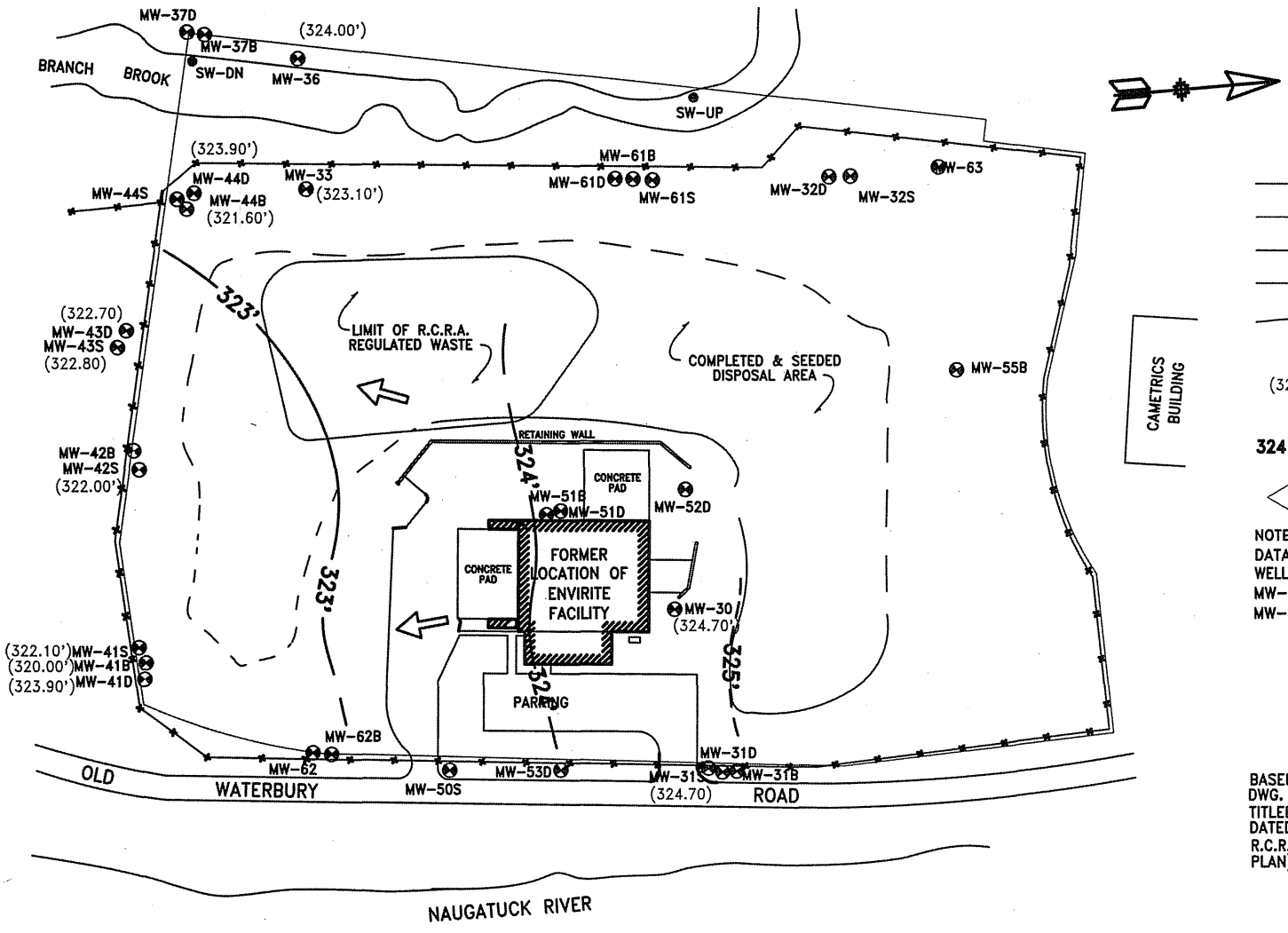

LEGEND

- = BUILDING LINE
- = PROPERTY LINE
- = FENCE LINE
- = WALK/STREET
- = RIVER/BROOK
- = EXISTING MONITORING WELL
- (324.50) = ELEVATION OF GROUNDWATER IN FEET RELATIVE TO A COMMON DATUM
- 324 = GROUNDWATER ELEVATION CONTOUR (DASHED WHEN INFERRED)
- = DIRECTION OF FLOW

NOTE:
DATA FROM THE FOLLOWING MONITORING WELLS WERE USED TO CONSTRUCT THIS MAP, MW-30, MW-31S, MW-33, MW-41S, MW-42S, AND MW-43S.

SCALE
0 100'
ALL LOCATIONS ARE APPROXIMATE

MAP INFORMATION

BASED ON "GZA" GEOENVIRONMENTAL, INC.
DWG. NO. 2-5, PROJECT NO. 41302.4
TITLED: BEDROCK CONTOUR PLAN,
DATED: MARCH 15, 1995 &
R.C.R.A. MONITORING (GROUNDWATER CONTOUR PLAN) PROJECT #41391.1, FIG.2.

Vanasse Hangen Brustlin, Inc.

1ST Q 2009 GROUNDWATER CONTOURS
ENVIRITE/THOMASTON LANDFILL
OLD WATERBURY ROAD
THOMASTON, CONNECTICUT

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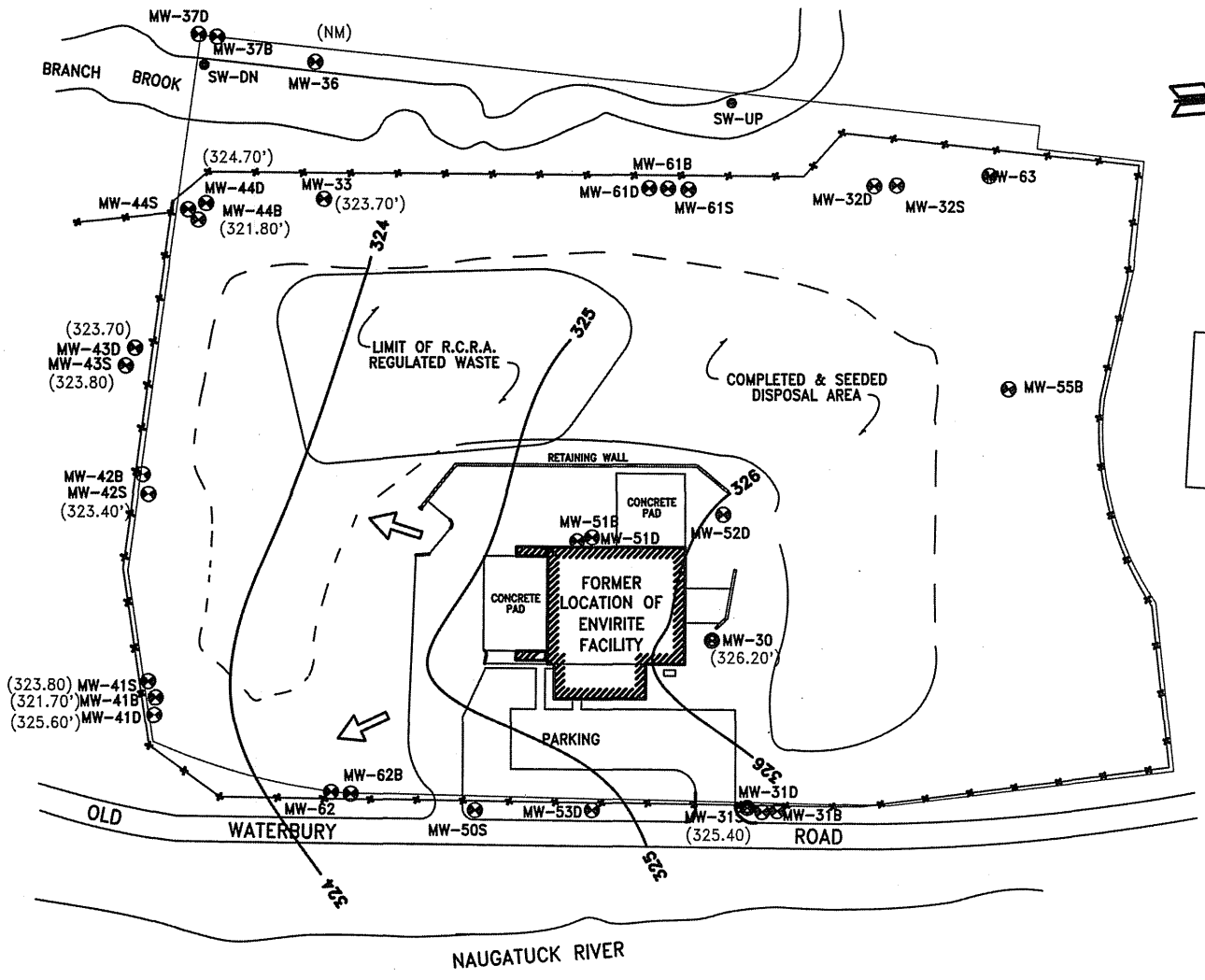

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DWG. NO. 2-5, PROJECT NO. 41302.4
TITLED: BEDROCK CONTOUR PLAN,
DATED: MARCH 15, 1995 &
R.C.R.A. MONITORING (GROUNDWATER CONTOUR PLAN) PROJECT #41391.1, FIG.2.

Vanasse Hangen Brustlin, Inc.

2ND Q 2009 GROUNDWATER CONTOURS
ENVIRITE/THOMASTON LANDFILL
OLD WATERBURY ROAD
THOMASTON, CONNECTICUT

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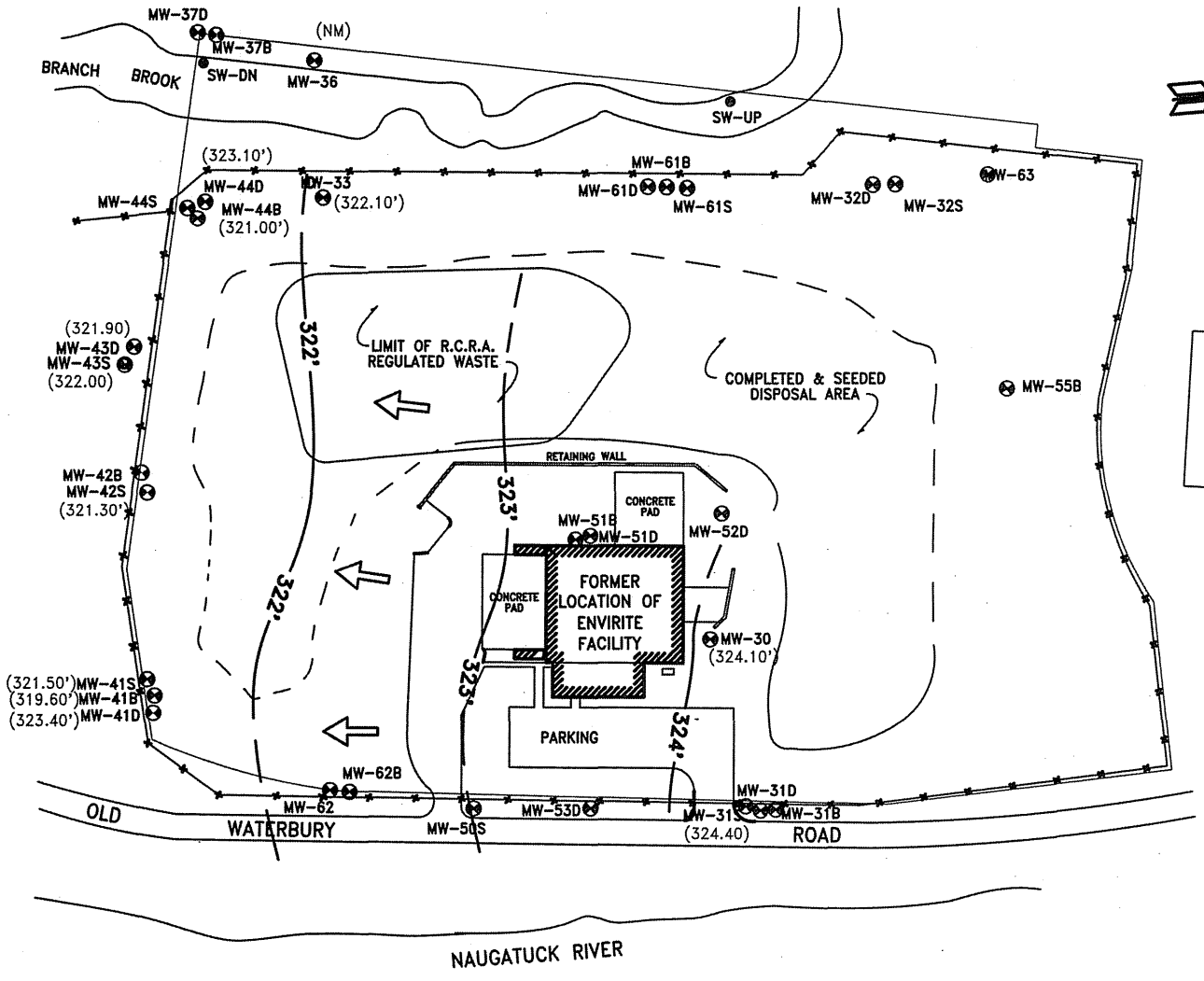

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ALL LOCATIONS ARE APPROXIMATE

MAP INFORMATION

BASED ON "GZA" GEOENVIRONMENTAL, INC. DWG. NO. 2-5, PROJECT NO. 41302.4 TITLED: BEDROCK CONTOUR PLAN, DATED: MARCH 15, 1995 & R.C.R.A. MONITORING (GROUNDWATER CONTOUR PLAN) PROJECT #41391.1, FIG.2.

Vanasse Hangen Brustlin, Inc.

3RD Q 2009 GROUNDWATER CONTOURS
ENVIRITE/THOMASTON LANDFILL
OLD WATERBURY ROAD
THOMASTON, CONNECTICUT

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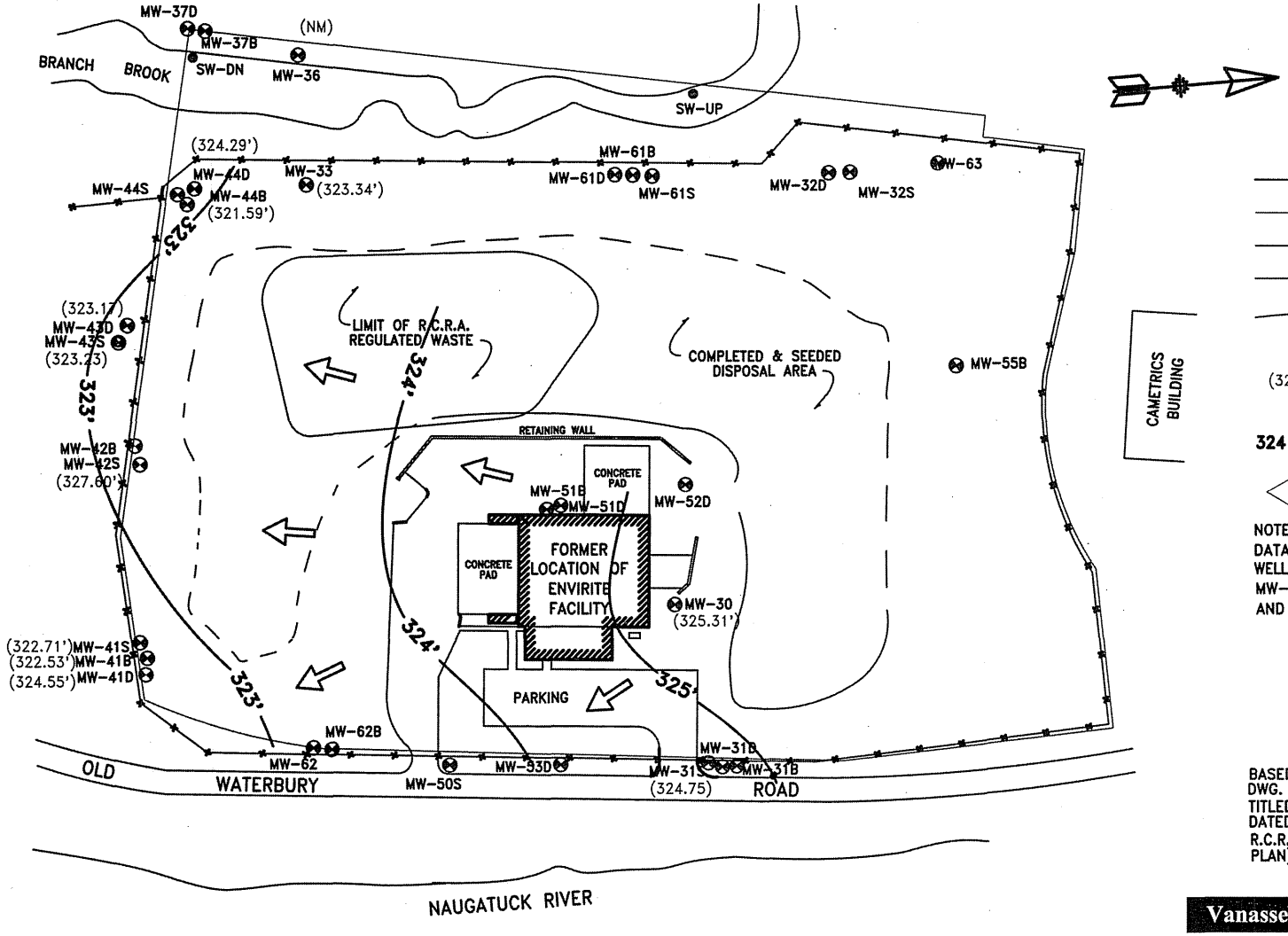


LEGEND

- = BUILDING LINE
- = PROPERTY LINE
- = FENCE LINE
- = WALK/STREET
- = RIVER/BROOK
- = EXISTING MONITORING WELL
- (324.50) = ELEVATION OF GROUNDWATER IN FEET RELATIVE TO A COMMON DATUM
- 324 = GROUNDWATER ELEVATION CONTOUR (DASHED WHEN INFERRED)
- = DIRECTION OF FLOW

NOTE:
DATA FROM THE FOLLOWING MONITORING WELLS WERE USED TO CONSTRUCT THIS MAP, MW-30, MW-31S, MW-33, MW-41S, AND MW-43S.

SCALE
0 100'
ALL LOCATIONS ARE APPROXIMATE

MAP INFORMATION

BASED ON "GZA" GEOENVIRONMENTAL, INC. DWG. NO. 2-5, PROJECT NO. 41302.4 TITLED: BEDROCK CONTOUR PLAN, DATED: MARCH 15, 1995 & R.C.R.A. MONITORING (GROUNDWATER CONTOUR PLAN) PROJECT #41391.1, FIG.2.

Vanasse Hangen Brustlin, Inc.

4TH Q 2009 GROUNDWATER CONTOURS
ENVIRITE/THOMASTON LANDFILL
OLD WATERBURY ROAD
THOMASTON, CONNECTICUT

Tables

TABLE 1 - SUMMARY OF GROUNDWATER DATA, PH AND SPECIFIC CONDUCTIVITY

Thomaston Landfill (Envirite)
2009 Annual Report

Well	Date	Reference Elevation	Depth to Water	Water Elevation	pH	Specific Conductivity (µmhos/cm)
MW-30	4/28/2009	341.71	17.05	324.7	7.16	188
	6/23/2009	341.71	15.47	326.2	6.86	0
	9/28/2009	341.71	17.63	324.1	7.20	1118.0
	12/17/2009	341.71	16.40	325.3	7.12	2410
MW-31S	4/28/2009	340.30	15.60	324.7	6.41	1680
	6/23/2009	340.30	14.90	325.4	6.51	0
	9/28/2009	340.30	15.94	324.4	6.80	1924
	12/17/2009	340.30	15.55	324.8	6.45	1360.0
MW-33	4/28/2009	340.49	17.44	323.1	6.93	111
	6/23/2009	340.49	16.81	323.7	6.99	1.8
	9/28/2009	340.49	18.42	322.1	7.1	0
	12/17/2009	340.49	17.15	323.3	7.19	208.0
MW-36	4/28/2009	329.00	5.00	324.0	6.64	342
	6/23/2009	329.00	NM	NM	7.72	0
	9/28/2009	329.00	NM	NM	7.43	378
	12/17/2009	329.00	NM	NM	6.81	359
MW-41B	4/28/2009	335.26	15.22	320.0	7.07	1080
	6/23/2009	335.26	13.58	321.7	8.29	1040
	9/28/2009	335.26	15.63	319.6	8.70	998
	12/17/2009	335.26	12.73	322.5	7.43	1370
MW-41D	4/28/2009	335.26	11.36	323.9	6.57	644
	6/23/2009	335.26	9.69	325.6	8.10	274.3
	9/28/2009	335.26	11.86	323.4	10.25	603
	12/17/2009	335.26	10.71	324.6	6.73	670.0
MW-41S	4/28/2009	334.41	12.36	322.1	6.45	355
	6/23/2009	334.41	10.63	323.8	8.79	370
	9/28/2009	334.41	12.91	321.5	8.40	431
	12/17/2009	334.41	11.70	322.7	6.55	365
MW-42S	4/28/2009	340.43	18.43	322.0	6.49	750
	6/23/2009	340.43	17.02	323.4	7.36	361.5
	9/28/2009	340.43	19.15	321.3	7.60	447.5
	12/17/2009	340.43	12.83	327.6	6.77	594.0
MW-42S (dup)	4/28/2009	340.43	18.43	322.0	6.36	721
	6/23/2009	340.43	17.02	323.4	7.36	361.5
	9/28/2009	340.43	19.15	321.3	7.60	447.5
	12/17/2009	340.43	12.83	327.6	6.88	530
MW-43D	4/28/2009	340.65	17.92	322.7	5.95	1550
	6/23/2009	340.65	16.92	323.7	6.89	709
	9/28/2009	340.65	18.72	321.9	6.25	850
	12/17/2009	340.65	17.48	323.2	6.21	2020
MW-43S	4/28/2009	340.43	17.68	322.8	6.08	1650
	6/23/2009	340.43	16.60	323.8	7.50	1521
	9/28/2009	340.43	18.47	322.0	6.69	661
	12/17/2009	340.43	17.20	323.2	6.53	1900
MW-44B	4/28/2009	339.28	17.7	321.6	9.06	680
	6/23/2009	339.28	17.49	321.8	6.58	19
	9/28/2009	339.28	18.3	321.0	6.53	0
	12/17/2009	339.28	17.69	321.6	6.85	738
MW-44D	4/28/2009	340.33	16.43	323.9	6.88	417
	6/23/2009	340.33	15.61	324.7	6.46	942
	9/28/2009	340.33	17.20	323.1	6.65	1201
	12/17/2009	340.33	16.04	324.3	6.99	1300
Upstream	4/28/2009	NA	NA	NA	7.03	118
	6/23/2009	NA	NA	NA	7.41	110
	9/28/2009	NA	NA	NA	7.98	126.8
	12/17/2009	NA	NA	NA	7.26	112
Downstream	4/28/2009	NA	NA	NA	7.08	118
	6/23/2009	NA	NA	NA	7.35	111
	9/28/2009	NA	NA	NA	8.05	142.3
	12/17/2009	NA	NA	NA	7.29	114

Notes:
NA = Not Applicable
NM = Not Measured
All elevations and depths are measured in feet.

TABLE 2. SUMMARY OF ANALYTICAL RESULTS, GB WELLS
1st Quarter Sampling Event
Thomaston Landfill
2009 Annual Report

CTDEP CRITERIA (ug/L)					WELL	MW-30	MW-31S	MW-33	MW-41S	MW-41D	MW-41B	MW-42S	MW-42S (dup	MW-43S	MW-43D	MW-44D	MW-44B
					Date	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09	4/28/09
RVC	2 x RVC	IVC	2 x IVC	SWPC	Reference Elevation	341.71	340.30	340.49	334.41	335.26	335.26	340.43	340.43	340.43	340.65	340.33	339.28
ug/L	ug/L	ug/L	ug/L	ug/L	Field Parameters												
					Depth to Water	17.05	15.60	17.44	12.36	11.36	15.22	18.43	18.43	17.68	17.92	16.43	17.7
					Water Level Elevation (feet)	324.7	324.7	323.1	322.1	323.9	320.0	322.0	322.0	322.8	322.7	323.9	321.6
					pH (standard units)	7.16	6.41	6.93	6.45	6.57	7.07	6.49	6.36	6.08	5.95	6.88	9.06
					Specific Conductance (µmhos/cm)	188.0	1,680	111	355	644.0	1,080	750	721	1,650	1,550	417	680
					Volatile Organic Compounds*												
6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
190	380	920	1,840	96	1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6.5	13	68	136	2,970	1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7.4	15	58	116	NE	1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
360	720	4,800	9,600	NE	1,2,4-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
280	560	3,900	7,800	NE	1,3,5-Trimethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,100	6,200	42,000	84,000	NE	Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	NE	4-Methyl-2-pentanone	BDL	80,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
50,000	100,000	50,000	100,000	NE	Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Acrolein	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	20	Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
130	260	310	620	710	Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.3	5	73	146	NE	Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
75	150	2,300	4,600	10,800	Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5.3	11	14	28	132	Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12,000	24,000	29,000	58,000	NE	Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26	52	62	124	14,100	Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
830	1,660	11,000	22,000	NE	cis-1,2-Dichloroethene	18.0	9,100	BDL	10	44	73	6.9	7	5	29	5.4	21
6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	1,020	Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL	7,800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,800	5,600	6,800	13,600	NE	Isopropylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
160	320	2,200	4,400	48,000	Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Methyl ethyl ketone	BDL	27,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21,000	42,000	50,000	100,000	NE	Methyl t-butyl ether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Naphthalene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
340	680	810	1,620	88	Tetrachloroethylene	11	BDL	BDL	4.1	14	4	7	6.5	14	13	8	9.2
NE	NE	NE	NE	NE	Tetrahydrofuran	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL	30,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27	54	67	134	2,340	Trichloroethene	12	BDL	BDL	5.8	24	18	8	7.5	5.4	19	5.8	24
NE	NE	NE	NE	NE	Trichlorofluoromethane	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.6	3.2	52	104	15,750	Vinyl Chloride	BDL	BDL	BDL	BDL	1.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8,700	17,400	48,000	96,000	NE	Xylenes	BDL	22,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					Metals												
NE	NE	NE	NE	NE	Barium, Dissolved	46.0	230	10	69	72	50	69	69	35	25	40	16
NE	NE	NE	NE	6	Cadmium, Dissolved	BDL	BDL	BDL	BDL	BDL	1	1	1	1	5	BDL	BDL
NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL	82	BDL	2	BDL	BDL	1	1	BDL	BDL	BDL	BDL
NE	NE	NE	NE	48	Copper, Dissolved	3.0	2	BDL	19	BDL	2	23	19	29	320	4	4
NE	NE	NE	NE	NE	Iron, Dissolved	BDL	184,000	12	36	6	16	4	14	18	6	8	3
NE	NE	NE	NE	NE	Manganese, Dissolved	19	19,400	2	35	1,410	9	5	8	236	789	22	341
NE	NE	NE	NE	880	Nickel, Dissolved	1	265	BDL	6	3	5	45	45	24	93	4	22
NE	NE	NE	NE	NE	Sodium, Dissolved	8,720	63,500	14,200	27,700	49,200	38,100	58,800	57,600	194,000	154,000	44,400	75,400
NE	NE	NE	NE	123	Zinc, Dissolved	64	3,140	4	67	7	15	113	124	55	347	24	59
					Indicator Parameters												
NE	NE	NE	NE	NE	Ammonia Nitrogen	100	47,000	90	40	40	50	80	60	50	400	BDL	70
NE	NE	NE	NE	NE	Chloride, Water	4,000	260,000	7,000	52,000	87,000	130,000	93,000	94,000	300,000	270,000	74,000	110,000
NE	NE	NE	NE	NE	Dissolved Parameter Filtration												
NE	NE	NE	NE	NE	Method 624, Water												
NE	NE	NE	NE	52	Cyanide, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	2,400	60	1,400	3,600	7,600	18,000	12,000	12,000	54,000	44,000	3,200	7,300
NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL	BDL	BDL	BDL	70	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Phenols, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Sulfate, Water	9,800	4,100	11,000	58,000	110,000	300,000	150,000	150,000	260,000	250,000	42,000	86,000
NE	NE	NE	NE	NE	Total Dissolved Solids, Water	120,000	1,500,000	74,000	240,000	420,000	930,000	500,000	490,000	1,200,000	1,100,000	280,000	410,000
NE	NE	NE	NE	NE	Total Organic Carbon, Water	1,600	620,000	1,100	3,500	1,500	1,400	2,600	2,300	2,400	2,000	1,000	1,100
NE	NE	NE	NE	NE	Total Organic Halogens, Water	41	4,600	BDL	91	170	49	80	25	23	45	16	43
NE	NE	NE	NE	NE	Total Suspended Solids	BDL	220,000	160,000	230,000	130,000	50,000	77,000	80,000	60,000	31,000	12,000	BDL

Notes:

IVC	Industrial Volatization Criteria
RVC	Residential Volatization Criteria
SWPC	Surface Water Protection Criteria
NE	Not established
BDL	Below Detection Limit
NA	Not analyzed

* VOCs analyzed using Method 8260

TABLE 2. SUMMARY OF ANALYTICAL RESULTS, GB WELLS
2nd Quarter Sampling Event
Thomaston Landfill
2009 Annual Report

CTDEP CRITERIA (ug/L)					WELL	MW-30	MW-31S	MW-33	MW-41S	MW-41D	MW-41B	MW-42S	MW-42S (dup	MW-43S	MW-43D	MW-44D	MW-44B
					Date	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/23/09	6/22/09
RVC	2 x RVC	IVC	2 x IVC	SWPC	Reference Elevation	341.71	340.30	340.49	334.41	335.26	335.26	340.43	340.43	340.43	340.65	340.33	339.28
ug/L	ug/L	ug/L	ug/L	ug/L	Field Parameters												
					Depth to Water	15.47	14.90	16.81	10.63	9.69	13.58	17.02	17.02	16.60	16.92	15.61	17.49
					Water Level Elevation (feet)	326.2	325.4	323.7	323.8	325.6	321.7	323.4	323.4	323.8	323.7	324.7	321.8
					pH (standard units)	6.86	6.51	6.99	8.79	8.10	8.29	7.36	7.36	7.50	6.89	6.46	6.58
					Specific Conductance (µmhos/cm)	0	0	1.8	370	274.3	1,040	361.5	361.5	1,521	709	942	19.3
					Volatile Organic Compounds*												
6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
190	380	920	1,840	96	1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6.5	13	68	136	2,970	1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7.4	15	58	116	NE	1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					1,2,3-Trichloropropane	BDL	21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
360	720	4,800	9,600	NE	1,2,4-Trimethylbenzene	BDL	480	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
280	560	3,900	7,800	NE	1,3,5-Trimethylbenzene	BDL	150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,100	6,200	42,000	84,000	NE	Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	NE	4-Methyl-2-pentanone	BDL	58,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
50,000	100,000	50,000	100,000	NE	Acetone	BDL	4,800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Acrolein	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	20	Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
130	260	310	620	710	Benzene	BDL	180	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.3	5	73	146	NE	Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
75	150	2,300	4,600	10,800	Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5.3	11	14	28	132	Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12,000	24,000	29,000	58,000	NE	Chloroethane	BDL	150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26	52	62	124	14,100	Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
830	1,660	11,000	22,000	NE	cis-1,2-Dichloroethene	61	5,000	BDL	30	50	65	7.4	6.6	6.1	27	42.0	14
6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	1,020	Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL	5,400	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,800	5,600	6,800	13,600	NE	Isopropylbenzene	BDL	170	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
160	320	2,200	4,400	48,000	Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Methyl ethyl ketone	BDL	9,800	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18	BDL	BDL
21,000	42,000	50,000	100,000	NE	Methyl t-butyl ether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Naphthalene	BDL	100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	n-Propylbenzene	BDL	61	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,500	3,000	20,000	40,000	SS-710	sec-Butylbenzene	BDL	360	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	SS-710	tert-Butylbenzene	BDL	58	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
340	680	810	1,620	88	Tetrachloroethylene	31	BDL	BDL	7.1	12	3.5	4.7	4.9	12	14	17	5.7
NE	NE	NE	NE	NE	Tetrahydrofuran	BDL	700	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27	54	67	134	2,340	Trichloroethene	35	BDL	BDL	13	22	17	5.4	5.4	5.5	19	26	15
NE	NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.6	3.2	52	104	15,750	Vinyl Chloride	3.5	330	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6	BDL
8,700	17,400	48,000	96,000	NE	Xylenes	BDL	16,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					Metals												
NE	NE	NE	NE	NE	Barium, Dissolved	11.0	225	10	87	71	55	69	70	36	27	38	17
NE	NE	NE	NE	6	Cadmium, Dissolved	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	5	BDL	1
NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL	46	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	48	Copper, Dissolved	3	BDL	BDL	2	BDL	1	30	31	25	322	28	3
NE	NE	NE	NE	NE	Iron, Dissolved	4	148,000	42	57	16	11	30	79	22	22	11	11
NE	NE	NE	NE	NE	Manganese, Dissolved	396	11,200	2	20	1,290	45	7	7	128	812	655	337
NE	NE	NE	NE	880	Nickel, Dissolved	7	144	BDL	4	3	6	54	55	32	96	32	24
NE	NE	NE	NE	NE	Sodium, Dissolved	101,000	56,900	5,660	44,000	51,700	49,200	58,400	67,400	210,000	173,000	151,000	81,600
NE	NE	NE	NE	123	Zinc, Dissolved	35	1,400	6	45	8	19	139	141	58	369	76	69
					Indicator Parameters												
NE	NE	NE	NE	NE	Ammonia Nitrogen	3,700	29,000	90	2,200	40	90	60	40	50	210	390	60
NE	NE	NE	NE	NE	Chloride, Water	210,000	190,000	14,000	76,000	90,000	120,000	100,000	94,000	310,000	250,000	130,000	120,000
NE	NE	NE	NE	NE	Dissolved Parameter Filtration												
NE	NE	NE	NE	NE	Method 624, Water												
NE	NE	NE	NE	52	Cyanide, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	25,000	90	2,300	5,600	7,700	22,000	13,000	12,000	61,000	47,000	14,000	8,000
NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Phenols, Water	BDL	1,080	28	27	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Sulfate, Water	110,000	4,600	21,000	73,000	120,000	370,000	140,000	130,000	400,000	360,000	110,000	84,000
NE	NE	NE	NE	NE	Total Dissolved Solids, Water	710,000	1,200,000	120,000	290,000	400,000	1,100,000	530,000	490,000	1,400,000	1,200,000	530,000	410,000
NE	NE	NE	NE	NE	Total Organic Carbon, Water	1,000	310,000	1,800	2,600	1,200	1,100	2,100	2,100	1,900	1,800	1,700	1,400
NE	NE	NE	NE	NE	Total Organic Halogens, Water	71	2,820	BDL	80	43	60	21	25	34	46	52	46
NE	NE	NE	NE	NE	Total Suspended Solids	BDL	190,000	640,000	110,000	32,000	22,000	42,000	38,000	53,000	24,000	13,000	9,500

Notes:

IVC	Industrial Volatization Criteria
RVC	Residential Volatization Criteria
SWPC	Surface Water Protection Criteria
NE	Not established
BDL	Below Detection Limit
NA	Not analyzed

* VOCs analyzed using Method 8260

SS = If statewide criteria have not been established, but site specific criteria are availiable, this is denoted by the prefix "SS" and the most conservative site specific value are listed.

TABLE 2. SUMMARY OF ANALYTICAL RESULTS, GB WELLS
3rd Quarter Sampling Event
Thomaston Landfill
2009 Annual Report

CTDEP CRITERIA (ug/L)					WELL	MW-30	MW-31S	MW-33	MW-41S	MW-41D	MW-41B	MW-42S	MW-42S (dup	MW-43S	MW-43D	MW-44D	MW-44B
					Date	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09	9/28/09
RVC	2 x RVC	IVC	2 x IVC	SWPC	Reference Elevation	341.71	340.30	340.49	334.41	335.26	335.26	340.43	340.43	340.43	340.65	340.33	339.28
ug/L	ug/L	ug/L	ug/L	ug/L	Field Parameters												
					Depth to Water	17.63	15.94	18.42	12.91	11.86	15.63	19.15	19.15	18.47	18.72	17.20	18.3
					Water Level Elevation (feet)	324.1	324.4	322.1	321.5	323.4	319.6	321.3	321.3	322.0	321.9	323.1	321.0
					pH (standard units)	7.20	6.80	7.1	8.40	10.25	8.70	7.60	7.60	6.69	6.25	6.65	6.53
					Specific Conductance (µmhos/cm)	1,118	1,924	0	431	603.0	998	447.5	447.5	661	850	1,201	0.0
					Volatile Organic Compounds*												
6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
190	380	920	1,840	96	1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6.5	13	68	136	2,970	1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7.4	15	58	116	NE	1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					1,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
360	720	4,800	9,600	NE	1,2,4-Trimethylbenzene	BDL	160	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
280	560	3,900	7,800	NE	1,3,5-Trimethylbenzene	BDL	46	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,100	6,200	42,000	84,000	NE	Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	NE	4-Methyl-2-pentanone	BDL	34,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
50,000	100,000	50,000	100,000	NE	Acetone	BDL	3,100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Acrolein	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	20	Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
130	260	310	620	710	Benzene	BDL	150	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.3	5	73	146	NE	Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
75	150	2,300	4,600	10,800	Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5.3	11	14	28	132	Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12,000	24,000	29,000	58,000	NE	Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26	52	62	124	14,100	Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
830	1,660	11,000	22,000	NE	cis-1,2-Dichloroethene	24	2,400	BDL	29	44	87	4.4	5.4	5.9	26	30.0	24
6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	1,020	Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL	2,600	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,800	5,600	6,800	13,600	NE	Isopropylbenzene	BDL	60	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
160	320	2,200	4,400	48,000	Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Methyl ethyl ketone	BDL	7,700	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21,000	42,000	50,000	100,000	NE	Methyl t-butyl ether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Naphthalene	BDL	23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,500	3,000	20,000	40,000	SS-710	sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	SS-710	tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
340	680	810	1,620	88	Tetrachloroethylene	13	BDL	BDL	8.4	13	4.4	4.8	5.5	10	15	15	9.1
NE	NE	NE	NE	NE	Tetrahydrofuran	BDL	590	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL	12,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27	54	67	134	2,340	Trichloroethene	16	BDL	BDL	13	20	20	5	5.2	6.7	17	18	23
NE	NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.6	3.2	52	104	15,750	Vinyl Chloride	1.3	510	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	BDL
8,700	17,400	48,000	96,000	NE	Xylenes	BDL	6,900	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					Metals												
NE	NE	NE	NE	NE	Barium, Dissolved	42.0	94	44	91	51	59	38	38	29	30	46	18
NE	NE	NE	NE	6	Cadmium, Dissolved	2.0	BDL	BDL	1	1	2	2	1	2	9	2	1
NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL	81	6	1	BDL	1	1	2	BDL	BDL	BDL	BDL
NE	NE	NE	NE	48	Copper, Dissolved	16	2	2	7	4	4	25	28	29	239	25	2
NE	NE	NE	NE	NE	Iron, Dissolved	8	121,000	43	39	15	43	11	12	12	10	14	BDL
NE	NE	NE	NE	NE	Manganese, Dissolved	212	10,300	6	8	738	86	6	3	203	436	340	314
NE	NE	NE	NE	880	Nickel, Dissolved	3	61	5	4	4	8	29	30	21	64	19	21
NE	NE	NE	NE	NE	Sodium, Dissolved	23,300	51,300	22,700	36,000	35,700	38,200	29,200	29,100	163,000	159,000	90,300	70,200
NE	NE	NE	NE	123	Zinc, Dissolved	88	1,030	9	47	16	21	84	73	35	225	57	55
					Indicator Parameters												
NE	NE	NE	NE	NE	Ammonia Nitrogen	1,400	41,000	60	70	50	50	40	60	40	230	380	50
NE	NE	NE	NE	NE	Chloride, Water	210,000	BDL	120,000	81,000	91,000	130,000	53,000	55,000	280,000	320,000	180,000	110,000
NE	NE	NE	NE	NE	Dissolved Parameter Filtration												
NE	NE	NE	NE	NE	Method 624, Water												
NE	NE	NE	NE	52	Cyanide, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	31,000	70	17,000	5,300	9,800	25,000	7,900	8,800	65,000	63,000	22,000	7,700
NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Phenols, Water	BDL	1,180	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Sulfate, Water	140,000	3,800	91,000	72,000	150,000	360,000	93,000	98,000	260,000	290,000	130,000	75,000
NE	NE	NE	NE	NE	Total Dissolved Solids, Water	680,000	1,400,000	470,000	260,000	390,000	900,000	280,000	290,000	1,100,000	1,200,000	620,000	390,000
NE	NE	NE	NE	NE	Total Organic Carbon, Water	1,100	430,000	1,600	1,400	1,100	1,100	1,800	1,800	1,800	1,900	1,500	BDL
NE	NE	NE	NE	NE	Total Organic Halogens, Water	26	1,480	BDL	28	55	100	27	14	20	45	48	31
NE	NE	NE	NE	NE	Total Suspended Solids	BDL	170,000	650,000	68,000	28,000	18,000	36,000	42,000	140,000	18,000	9,500	BDL

Notes:

IVC	Industrial Volatization Criteria
RVC	Residential Volatization Criteria
SWPC	Surface Water Protection Criteria
NE	Not established
BDL	Below Detection Limit
NA	Not analyzed

* VOCs analyzed using Method 8260
SS = If statewide criteria have not been established, but site specific criteria are availiable, this is denoted by the prefix "SS" and the most conservative site specific value are listed.

TABLE 2. SUMMARY OF ANALYTICAL RESULTS, GB WELLS
4th Quarter Sampling Event
Thomaston Landfill
2009 Annual Report

CTDEP CRITERIA (ug/L)					WELL	MW-30	MW-31S	MW-33	MW-41S	MW-41D	MW-41B	MW-42S	MW-42S (dup	MW-43S	MW-43D	MW-44D	MW-44B
					Date	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09	12/17/09
RVC	2 x RVC	IVC	2 x IVC	SWPC	Reference Elevation	341.71	340.30	340.49	334.41	335.26	335.26	340.43	340.43	340.43	340.65	340.33	339.28
ug/L	ug/L	ug/L	ug/L	ug/L	Field Parameters												
					Depth to Water	16.40	15.55	17.15	11.70	10.71	12.73	12.83	12.83	17.20	17.48	16.04	17.69
					Water Level Elevation (feet)	325.3	324.8	323.3	322.7	324.6	322.5	327.6	327.6	323.2	323.2	324.3	321.6
					pH (standard units)	7.12	6.45	7.19	6.55	6.73	7.43	6.77	6.88	6.53	6.21	6.99	6.85
					Specific Conductance (µmhos/cm)	2,410	1,360	208	365	670.0	1,370	594.0	530.0	1,900	2,020	1,300	738.0
					Volatile Organic Compounds*												
6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
190	380	920	1,840	96	1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6.5	13	68	136	2,970	1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7.4	15	58	116	NE	1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					1,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
360	720	4,800	9,600	NE	1,2,4-Trimethylbenzene	BDL	160	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
280	560	3,900	7,800	NE	1,3,5-Trimethylbenzene	BDL	45	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3,100	6,200	42,000	84,000	NE	Styrene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Hexanone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	NE	4-Methyl-2-pentanone	BDL	47,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
50,000	100,000	50,000	100,000	NE	Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Acrolein	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NE	NE	NE	NE	20	Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
130	260	310	620	710	Benzene	BDL	140	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2.3	5	73	146	NE	Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
75	150	2,300	4,600	10,800	Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
5.3	11	14	28	132	Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12,000	24,000	29,000	58,000	NE	Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
26	52	62	124	14,100	Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
830	1,660	11,000	22,000	NE	cis-1,2-Dichloroethene	170	2,600	BDL	13	38	96	6	4.1	7.8	20	22.0	18
6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	1,020	Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL	3,300	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2,800	5,600	6,800	13,600	NE	Isopropylbenzene	BDL	67	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
160	320	2,200	4,400	48,000	Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Methyl ethyl ketone	BDL	5,100	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
21,000	42,000	50,000	100,000	NE	Methyl t-butyl ether (MTBE)	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Naphthalene	BDL	37	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	n-Propylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	p-Isopropyltoluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,500	3,000	20,000	40,000	SS-710	sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	SS-710	tert-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
340	680	810	1,620	88	Tetrachloroethylene	40	BDL	BDL	3.7	9.7	8.6	4.6	3.8	10	16	9.3	8.7
NE	NE	NE	NE	NE	Tetrahydrofuran	BDL	580	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL	14,000	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
27	54	67	134	2,340	Trichloroethene	66	BDL	BDL	6.1	16	26	4.5	3.5	7.5	17	11	21
NE	NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1.6	3.2	52	104	15,750	Vinyl Chloride	16	760	BDL	BDL	BDL	2.7	BDL	BDL	BDL	BDL	1.1	BDL
8,700	17,400	48,000	96,000	NE	Xylenes	BDL	9,200	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
					Metals												
NE	NE	NE	NE	NE	Barium, Dissolved	19.0	156	15	85	76	58	43	43	35	26	49	17
NE	NE	NE	NE	6	Cadmium, Dissolved	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1	2	1	BDL
NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL	53	2	2	BDL	BDL	1	2	BDL	BDL	BDL	BDL
NE	NE	NE	NE	48	Copper, Dissolved	6	BDL	BDL	8	BDL	2	22	21	23	201	13	3
NE	NE	NE	NE	NE	Iron, Dissolved	3	148,000	123	287	98	29	153	96	164	13	BDL	8
NE	NE	NE	NE	NE	Manganese, Dissolved	791	12,000	7	41	1,660	78	4	4	134	367	309	316
NE	NE	NE	NE	880	Nickel, Dissolved	13	147	2	5	3	7	35	35	24	53	21	22
NE	NE	NE	NE	NE	Sodium, Dissolved	140,000	63,900	8,560	39,000	51,900	46,000	39,200	40,300	173,000	179,000	107,000	78,200
NE	NE	NE	NE	123	Zinc, Dissolved	61	1,320	5	54	4	18	85	88	42	171	61	58
					Indicator Parameters												
NE	NE	NE	NE	NE	Ammonia Nitrogen	4,100	31,000	40	60	60	BDL	30	50	BDL	150	260	20
NE	NE	NE	NE	NE	Chloride, Water	380,000	BDL	15,000	52,000	90,000	130,000	64,000	54,000	280,000	320,000	210,000	120,000
NE	NE	NE	NE	NE	Dissolved Parameter Filtration												
NE	NE	NE	NE	NE	Method 624, Water												
NE	NE	NE	NE	52	Cyanide, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	62,000	150	2,500	3,700	6,700	21,000	8,800	8,100	56,000	62,000	25,000	8,100
NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	50	BDL	BDL	BDL	BDL	220	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Phenols, Water	BDL	824	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	Sulfate, Water	380,000	BDL	24,000	44,000	120,000	360,000	96,000	86,000	250,000	300,000	160,000	83,000
NE	NE	NE	NE	NE	Total Dissolved Solids, Water	1,500,000	960,000	83,000	240,000	370,000	980,000	320,000	320,000	1,200,000	960,000	660,000	390,000
NE	NE	NE	NE	NE	Total Organic Carbon, Water	2,400	260,000	1,300	3,100	1,100	1,300	1,700	1,800	1,900	1,700	1,500	BDL
NE	NE	NE	NE	NE	Total Organic Halogens, Water	165	690	14	25	33	56	15	18	15	59	58	44
NE	NE	NE	NE	NE	Total Suspended Solids	BDL	170,000	46,000	200,000	BDL	12,000	94,000	69,000	120,000	9,500	12,000	BDL

Notes:

IVC	Industrial Volatization Criteria
RVC	Residential Volatization Criteria
SWPC	Surface Water Protection Criteria
NE	Not established
BDL	Below Detection Limit
NA	Not analyzed

* VOCs analyzed using Method 8260

SS = If statewide criteria have not been established, but site specific criteria are availiable, this is denoted by the prefix "SS" and the most conservative site specific value are listed.

TABLE 3 - SUMMARY OF ANALYTICAL RESULTS, GA WELL (MW-36)
Thomaston Landfill
2009 Annual Report

CTDEP CRITERIA (ug/L)[1]							WELL	MW-36	MW-36	MW-36	MW-36
							Date	4/28/09	6/23/09	9/28/09	12/17/09
GWPC	2 x GWPC	RVC	2 x RVC	IVC	2 x IVC	SWPC	Reference Elevation	329	329	329	329
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	Field Parameters				
							Depth to Water	5.00	NM	NM	NM
							Water Level Elevation (feet)	324.00	329.00	329.00	329.00
							pH (standard units)	6.64	7.72	7.43	6.81
							Specific Conductance (µmhos/cm)	342	0	377.9	359
							Volatile Organic Compounds*				
200	400	6,500	13,000	16,000	32,000	62,000	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL
0.5	1	1.8	3.6	54	108	110	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL
5	10	220	440	2,900	5,800	1,260	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL
70	140	3,000	6,000	41,000	82,000	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL
7	14	190	380	920	1,840	96	1,1-Dichloroethene	BDL	BDL	BDL	BDL
600	1,200	5,100	10,200	50,000	100,000	170,000	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL
1	2	6.5	13	68	136	2,970	1,2-Dichloroethane	BDL	BDL	BDL	BDL
5	10	7.4	15	58	116	NE	1,2-Dichloropropane	BDL	BDL	BDL	BDL
600	1,200	4,300	8,600	50,000	100,000	26,000	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL
75	150	1,400	2,800	3,400	6,800	26,000	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	2-Chloroethyl vinyl ether	NA	NA	NA	NA
NE	NE	NE	NE	NE	NE	NE	Acrolein	NA	NA	NA	NA
0.5	1	NE	NE	NE	NE	20	Acrylonitrile	BDL	BDL	BDL	BDL
1	2	130	260	310	620	710	Benzene	BDL	BDL	BDL	BDL
0.56	1	2.3	5	73	146	NE	Bromodichloromethane	BDL	BDL	BDL	BDL
4	8	75	150	2,300	4,600	10,800	Bromoform	BDL	BDL	BDL	BDL
9.8	20	NE	NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL
5	10	5.3	11	14	28	132	Carbon Tetrachloride	BDL	BDL	BDL	BDL
100	200	1,800	3,600	23,000	46,000	420,000	Chlorobenzene	BDL	BDL	BDL	BDL
NE	NE	12,000	24,000	29,000	58,000	NE	Chloroethane	BDL	BDL	BDL	BDL
6	12	26	52	62	124	14,100	Chloroform	BDL	BDL	BDL	BDL
2.7	5	NE	NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL
0.5	1	6	12	25	50	34,000	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL
0.5	1	NE	NE	NE	NE	1,020	Dibromochloromethane	BDL	BDL	BDL	BDL
700	1,400	2,700	5,400	36,000	72,000	580,000	Ethylbenzene	BDL	BDL	BDL	BDL
5	10	160	320	2,200	4,400	48,000	Methylene Chloride	BDL	BDL	BDL	BDL
5	10	340	680	810	1,620	88	Tetrachloroethylene	BDL	BDL	BDL	BDL
1,000	2,000	7,100	14,200	41,000	82,000	4,000,000	Toluene	BDL	BDL	BDL	BDL
100	200	1,000	2,000	13,000	26,000	NE	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL
0.5	1	6	12	25	50	34,000	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL
5	10	27	54	67	134	2,340	Trichloroethene	BDL	BDL	BDL	BDL
1,300	2,600	NE	NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL	BDL	BDL
2	4	1.6	3.2	52	104	15,750	Vinyl Chloride	BDL	BDL	BDL	BDL
							Metals				
1,000	2,000	NE	NE	NE	NE	NE	Barium, Dissolved	52	53	39	46
5	10	NE	NE	NE	NE	6	Cadmium, Dissolved	BDL	BDL	BDL	BDL
50 (Cr total)	100	NE	NE	NE	NE	110 (Cr VI)	Chromium, Dissolved	BDL	BDL	BDL	BDL
1,300	2,600	NE	NE	NE	NE	48	Copper, Dissolved	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	Iron, Dissolved	BDL	5	2,040	16
NE	NE	NE	NE	NE	NE	NE	Manganese, Dissolved	BDL	2	248	4
100	200	NE	NE	NE	NE	880	Nickel, Dissolved	4	3	5	3
NE	NE	NE	NE	NE	NE	NE	Sodium, Dissolved	39,100	39,400	30,300	38,800
5,000	10,000	NE	NE	NE	NE	123	Zinc, Dissolved	4	6	12	38
							Indicator Parameters				
NE	NE	NE	NE	NE	NE	NE	Ammonia Nitrogen	50	70	170	BDL
NE	NE	NE	NE	NE	NE	NE	Chloride, Water	77,000	81,000	84,000	69,000
200	400	NE	NE	NE	NE	52	Cyanide, Water	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	Nitrate Nitrogen, Water	530	610	440	530
NE	NE	NE	NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	Phenols, Water	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	Sulfate, Water	29,000	35,000	39,000	35,000
NE	NE	NE	NE	NE	NE	NE	Total Dissolved Solids, Water	240,000	240,000	210,000	190,000
NE	NE	NE	NE	NE	NE	NE	Total Organic Carbon, Water	BDL	BDL	BDL	BDL
NE	NE	NE	NE	NE	NE	NE	Total Organic Halogens, Water	13	13	32	BDL
NE	NE	NE	NE	NE	NE	NE	Total Suspended Solids	17,000	10,000	BDL	BDL

Notes:

GWPS	Ground Water Protection Standard
IVC	Industrial Volatization Criteria
RVC	Residential Volatization Criteria
SWPC	Surface Water Protection Criteria
NE	Not Established
BDL	Below Detection Limit
NM	Not Measured
NA	Not Analyzed

[1] Compliance with the IVC and RVC is demonstrated when the 95% UCL of the arithmetic mean of sample concentrations (for a minimum of 4 consecutive quarters) is less than or equal to the standard AND no single sample exceeds twice the standard. Compliance with the SWPC is demonstrated when the AVG of sample concentrations is less than or equal to the standard.

[2] VOCs analyzed using Method 624 as specified in Envirite's Post-Closure Plan

TABLE 4 - ARITHMETIC AVERAGES COMPARED TO SWPC
Thomaston Landfill
2009 Annual Report

Volatile Organic Compounds[1]	SWPC	AVG[2]
1,1,1-Trichloroethane	62,000	ND
1,1,2,2-Tetrachloroethane	110	ND
1,1,2-Trichloroethane	1,260	ND
1,1-Dichloroethane	NE	ND
1,1-Dichloroethene	96	ND
1,2-Dichlorobenzene	170,000	ND
1,2-Dichloroethane	2,970	ND
1,2-Dichloropropane	NE	ND
1,2,3-Trichloropropane	NE	12.8
1,3-Dichlorobenzene	26,000	ND
1,4-Dichlorobenzene	26,000	ND
1,2,4-Trimethylbenzene	NE	30.0
1,3,5-Trimethylbenzene	NE	17.3
Styrene	NE	ND
2-Hexanone	NE	ND
2-Chloroethyl vinyl ether	NE	NA
4-Methyl-2-pentanone	NE	4,980
Acetone	NE	773
Acrolein	NE	NA
Acrylonitrile	20	ND
Benzene	710	22.5
Bromodichloromethane	NE	ND
Bromoform	10,800	ND
Bromomethane	NE	ND
Carbon Tetrachloride	132	ND
Chlorobenzene	420,000	ND
Chloroethane	NE	15.7
Chloroform	14,100	ND
Chloromethane	NE	ND
cis-1,2-Dichloroethene	NE	461
cis-1,3-Dichloropropene	34,000	ND
Dibromochloromethane	1,020	ND
Ethylbenzene	580,000	435
Isopropylbenzene	NE	18.6
Methylene Chloride	48,000	ND
Methyl ethyl ketone	NE	1,130
Methyl t-butyl ether (MTBE)	NE	12.6
Naphthalene	NE	15.5
n-Propylbenzene	NE	13.7
p-Isopropyltoluene	NE	ND
sec-Butylbenzene	SS-710	20.5
tert-Butylbezene	SS-710	13.6
Tetrachloroethylene	88	22.2
Tetrahydrofuran	NE	102
Toluene	4,000,000	1,273
trans-1,2-Dichloroethene	NE	ND
trans-1,3-Dichloropropene	34,000	ND
Trichloroethene	2,340	25.6
Trichlorofluoromethane	NE	12.5
Vinyl Chloride	15,750	48.8
Xylenes	NE	1,230

Inorganics	SWPC	AVG
Barium, Dissolved	NE	55.2
Cadmium, Dissolved	6	1.19
Chromium, Dissolved	110 (Cr VI)	6.69
Copper, Dissolved	48	33.1
Iron, Dissolved	NE	13,691
Manganese, Dissolved	NE	1,489
Nickel, Dissolved	880	32.8
Sodium, Dissolved	NE	76,253
Zinc, Dissolved	123	**220**

Indicator Parameters	SWPC	AVG
Ammonia Nitrogen	NE	3,703
Chloride, Water	NE	141,727
Cyanide, Water	52	5.00
Nitrate Nitrogen, Water	NE	19,749
Nitrite Nitrogen, Water	NE	12.7
Phenols, Water	NE	60.3
Sulfate, Water	NE	149,018
Total Dissolved Solids, Water	NE	682,205
Total Organic Carbon, Water	NE	38,298
Total Organic Halogens, Water	NE	261
Total Suspended Solids	NE	89,182

Bold and Highlighted = AVG above SWPC
BDL = Below Detection Limits (i.e. No Detections)
NE = None Established
ND = None Detected
[1] Compliance with the SWPC is demonstrated when the AVG of sample concentrations is less than or equal to the standard
[2] VOCs analyzed using Method 624 as specified in Envirite's Post-Closure Plan
SS = If statewide criteria have not been established, but site specific criteria are availiable, this is denoted by the prefix "SS" and the most conservative site specific value are listed.

TABLE 5 - SUMMARY OF DETECTIONS ABOVE THE COMPARISON CRITERIA
Thomaston Landfill
2009 Annual Report

Benzene

RVC: 130 ug/l	IVC: 310 ug/l	SWPC: 710 ug/l
Well	Date	Concentration
MW-31S	6/23/2009	180
MW-31S	9/28/2009	150
MW-31S	12/17/2009	140

1,2,4-Trimethylbenzene

RVC: 360 ug/l	IVC: 4,800 ug/l	SWPC: NE
Well	Date	Concentration
MW-31S	6/23/2009	480

Ethylbenzene

RVC: 2,700 ug/l	IVC: 36,000 ug/l	SWPC: 580,000 ug/l
Well	Date	Concentration
MW-31S	4/28/2009	7,800
MW-31S	6/23/2009	5,400
MW-31S	12/17/2009	3,300

Cadmium

SWPC: 6 ug/l		
Well	Date	Concentration
MW-43D	9/28/2009	9

Copper

SWPC: 48 ug/l		
Well	Date	Concentration
MW-43D	4/28/2009	320
MW-43D	6/23/2009	322
MW-43D	9/28/2009	239
MW-43D	12/17/2009	201

Zinc

SWPC: 123 ug/l		
Well	Date	Concentration
MW-31S	4/28/2009	3,140
MW-31S	6/23/2009	1,400
MW-31S	9/28/2009	1,030
MW-31S	12/17/2009	1,320
MW-43D	4/28/2009	347
MW-43D	6/23/2009	369
MW-43D	9/28/2009	225
MW-43D	12/17/2009	171
MW-42S	6/23/2009	139
MW-42S DUP	4/28/2009	124
MW-42S DUP	6/23/2009	141

Trichloroethene

RVC: 27 ug/l	IVC: 67 ug/l	SWPC: 2,340 ug/l
Well	Date	Concentration
MW-30	6/23/2009	35
MW-30	12/17/2009	66

Vinyl Chloride

RVC: 1.6 ug/l	IVC: 52 ug/l	SWPC: 15,750 ug/l
Well	Date	Concentration
MW-30	6/23/2009	3.5
MW-30	12/17/2009	16
MW-31S	6/23/2009	330
MW-31S	9/28/2009	510
MW-31S	12/17/2009	760
MW-41D	4/28/2009	1.9
MW-41B	12/17/2009	2.7
MW-44D	6/23/2009	2.6
MW-44D	9/28/2009	1.6

Toluene

RVC: 7,100 ug/l	IVC: 41,000 ug/l	SWPC: 4,000,000 ug/l
Well	Date	Concentration
MW-31S	4/28/2009	30,000
MW-31S	9/28/2009	12,000
MW-31S	12/17/2009	14,000

cis-1,2-Dichloroethene

RVC: 830 ug/l	IVC:11,000 ug/l	
Well	Date	Concentration
MW-31S	4/28/2009	9,100
MW-31S	6/23/2009	5,000
MW-31S	9/28/2009	2,400
MW-31S	12/17/2009	2,600

Xylenes

RVC: 8700 ug/l	IVC:48,000 ug/l	
Well	Date	Concentration
MW-31S	4/28/2009	22,000
MW-31S	6/23/2009	16,000
MW-31S	12/17/2009	9,200

TABLE 6 - STATISTICAL ANALYSIS OF BENZENE

Thomaston Landfill (Envirite)
2009 Annual Report

Benzene - Log Normally Distributed
RVC: 130 ug/L IVC: 310 ug/L

$$UCL = e^{(\bar{y}+1.5s^2+sH/\sqrt{n-1})}$$

WELL	Date	Result (ug/L)	x (If BDL use 1/2 Detection Limit)	ln(x)=y	y2
MW-30	4/28/09	BDL	0.5	-0.693	0.480
MW-31S	4/28/09	BDL	500	6.215	38.621
MW-33	4/28/09	BDL	0.5	-0.693	0.480
MW-41S	4/28/09	BDL	0.5	-0.693	0.480
MW-41D	4/28/09	BDL	0.5	-0.693	0.480
MW-41B	4/28/09	BDL	0.5	-0.693	0.480
MW-42S	4/28/09	BDL	0.5	-0.693	0.480
MW-43S	4/28/09	BDL	0.5	-0.693	0.480
MW-43D	4/28/09	BDL	0.5	-0.693	0.480
MW-44D	4/28/09	BDL	0.5	-0.693	0.480
MW-44B	4/28/09	BDL	0.5	-0.693	0.480
MW-36	4/28/09	BDL	0.5	-0.693	0.480
MW-30	6/23/09	BDL	0.5	-0.693	0.480
MW-31S	6/23/09	180	180	5.193	26.967
MW-33	6/23/09	BDL	0.5	-0.693	0.480
MW-41S	6/23/09	BDL	0.5	-0.693	0.480
MW-41D	6/23/09	BDL	0.5	-0.693	0.480
MW-41B	6/23/09	BDL	0.5	-0.693	0.480
MW-42S	6/23/09	BDL	0.5	-0.693	0.480
MW-43S	6/23/09	BDL	0.5	-0.693	0.480
MW-43D	6/23/09	BDL	0.5	-0.693	0.480
MW-44D	6/23/09	BDL	0.5	-0.693	0.480
MW-44B	6/23/09	BDL	0.5	-0.693	0.480
MW-36	6/23/09	BDL	0.5	-0.693	0.480
MW-30	9/28/09	BDL	0.5	-0.693	0.480
MW-31S	9/28/09	150	150	5.011	25.106
MW-33	9/28/09	BDL	0.5	-0.693	0.480
MW-41S	9/28/09	BDL	0.5	-0.693	0.480
MW-41D	9/28/09	BDL	0.5	-0.693	0.480
MW-41B	9/28/09	BDL	0.5	-0.693	0.480
MW-42S	9/28/09	BDL	0.5	-0.693	0.480
MW-43S	9/28/09	BDL	0.5	-0.693	0.480
MW-43D	9/28/09	BDL	0.5	-0.693	0.480
MW-44D	9/28/09	BDL	0.5	-0.693	0.480
MW-44B	9/28/09	BDL	0.5	-0.693	0.480
MW-36	9/28/09	BDL	0.5	-0.693	0.480
MW-30	12/17/09	BDL	0.5	-0.693	0.480
MW-31S	12/17/09	140	140	4.942	24.420
MW-33	12/17/09	BDL	0.5	-0.693	0.480
MW-41S	12/17/09	BDL	0.5	-0.693	0.480
MW-41D	12/17/09	BDL	0.5	-0.693	0.480
MW-41B	12/17/09	BDL	0.5	-0.693	0.480
MW-42S	12/17/09	BDL	0.5	-0.693	0.480
MW-43S	12/17/09	BDL	0.5	-0.693	0.480
MW-43D	12/17/09	BDL	0.5	-0.693	0.480
MW-44D	12/17/09	BDL	0.5	-0.693	0.480
MW-44B	12/17/09	BDL	0.5	-0.693	0.480
MW-36	12/17/09	BDL	0.5	-0.693	0.480

95 % UCL

Number of Samples (n)	48	
Mean of Data (x-bar)	20.67	
Sum Y	-9.14	
Sum Y^2	136.25	**ug/L**
Standard Deviation (s)	1.69	
student-t (Reference Tables)	1.876	
95% Upper Confidence Level	**21.12**	

TABLE 7 - STATISTICAL ANALYSIS OF 1,2,4-Trimethylbenzene

Thomaston Landfill (Envirite)
2009 Annual Report

1,2,4-Trimethylbenzene - Log Normally Distributed
RVC: 360 ug/L IVC: 4,800 ug/L

$$UCL = e^{(\bar{y}+1.5s^2+sH/\sqrt{n-1})}$$

WELL	Date	Result (ug/L)	x (If BDL use 1/2 Detection Limit)	ln(x)=y	y2
MW-30	4/28/09	BDL	0.5	-0.693	0.480
MW-31S	4/28/09	BDL	500	6.215	38.621
MW-33	4/28/09	BDL	0.5	-0.693	0.480
MW-41S	4/28/09	BDL	0.5	-0.693	0.480
MW-41D	4/28/09	BDL	0.5	-0.693	0.480
MW-41B	4/28/09	BDL	0.5	-0.693	0.480
MW-42S	4/28/09	BDL	0.5	-0.693	0.480
MW-43S	4/28/09	BDL	0.5	-0.693	0.480
MW-43D	4/28/09	BDL	0.5	-0.693	0.480
MW-44D	4/28/09	BDL	0.5	-0.693	0.480
MW-44B	4/28/09	BDL	0.5	-0.693	0.480
MW-36	4/28/09	BDL	0.5	-0.693	0.480
MW-30	6/23/09	BDL	0.5	-0.693	0.480
MW-31S	6/23/09	480	480	6.174	38.116
MW-33	6/23/09	BDL	0.5	-0.693	0.480
MW-41S	6/23/09	BDL	0.5	-0.693	0.480
MW-41D	6/23/09	BDL	0.5	-0.693	0.480
MW-41B	6/23/09	BDL	0.5	-0.693	0.480
MW-42S	6/23/09	BDL	0.5	-0.693	0.480
MW-43S	6/23/09	BDL	0.5	-0.693	0.480
MW-43D	6/23/09	BDL	0.5	-0.693	0.480
MW-44D	6/23/09	BDL	0.5	-0.693	0.480
MW-44B	6/23/09	BDL	0.5	-0.693	0.480
MW-36	6/23/09	BDL	0.5	-0.693	0.480
MW-30	9/28/09	BDL	0.5	-0.693	0.480
MW-31S	9/28/09	160	160	5.075	25.757
MW-33	9/28/09	BDL	0.5	-0.693	0.480
MW-41S	9/28/09	BDL	0.5	-0.693	0.480
MW-41D	9/28/09	BDL	0.5	-0.693	0.480
MW-41B	9/28/09	BDL	0.5	-0.693	0.480
MW-42S	9/28/09	BDL	0.5	-0.693	0.480
MW-43S	9/28/09	BDL	0.5	-0.693	0.480
MW-43D	9/28/09	BDL	0.5	-0.693	0.480
MW-44D	9/28/09	BDL	0.5	-0.693	0.480
MW-44B	9/28/09	BDL	0.5	-0.693	0.480
MW-36	9/28/09	BDL	0.5	-0.693	0.480
MW-30	12/17/09	BDL	0.5	-0.693	0.480
MW-31S	12/17/09	160	160	5.075	25.757
MW-33	12/17/09	BDL	0.5	-0.693	0.480
MW-41S	12/17/09	BDL	0.5	-0.693	0.480
MW-41D	12/17/09	BDL	0.5	-0.693	0.480
MW-41B	12/17/09	BDL	0.5	-0.693	0.480
MW-42S	12/17/09	BDL	0.5	-0.693	0.480
MW-43S	12/17/09	BDL	0.5	-0.693	0.480
MW-43D	12/17/09	BDL	0.5	-0.693	0.480
MW-44D	12/17/09	BDL	0.5	-0.693	0.480
MW-44B	12/17/09	BDL	0.5	-0.693	0.480
MW-36	12/17/09	BDL	0.5	-0.693	0.480

95 % UCL

Number of Samples (n)	48	
Mean of Data (x-bar)	27.54	
Sum Y	-7.96	
Sum Y^2	149.39	**ug/L**
Standard Deviation (s)	1.77	
student-t (Reference Tables)	3.2	
95% Upper Confidence Level	**28.36**	

TABLE 9 - SUMMARY OF ANTLYTICAL RESULTS, BRANCH BROOK (SURFACE WATER)1

Thomaston Landfill (Envirite)
2009 Annual Report

CTDEP Class A Surface Water Criteria[2] Aquatic Life Criteria		Human Health Criteria		Branch Brook Sample	SW-DN	SW-UP	SW-DN	SW-UP	SW-DN	SW-UP	SW-DN	SW-UP
				Date	4/28/09	4/28/09	6/23/09	6/23/09	9/28/09	9/28/09	12/17/09	12/17/09
				pH	7.08	7.03	7.35	7.41	8.05	7.98	7.29	7.26
				Specific Conductivity	118	118	111	110	142.3	126.8	114	112
Acute	Chronic	Organisms Only	Water and									
ug/L	ug/L	ug/L	ug/L	Volatile Organic Compounds	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
NE	NE	NE	NE	1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	11	0.17	1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	42	0.6	1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	3.2	0.057	1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	17,000	2,700	1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	99	0.38	1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	39	0.52	1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	2,600	400	1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	2,600	400	1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	2-Chloroethyl vinyl ether	NT	NT	NT	NT	NT	NT	NT	NT
NE	NE	780	320	Acrolein	NT	NT	NT	NT	NT	NT	NT	NT
NE	NE	0.66	0.059	Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	71	1.2	Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	46	0.56	Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	360	4.3	Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	4.4	0.25	Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	21,000	100	Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	470	5.7	Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	1,700	10	cis-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	34	0.41	Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	29,000	700	Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	1,600	4.7	Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	8.85	0.8	Tetrachloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	200,000	1,000	Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	140,000	100	trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	1,700	10	trans-1,3-Dichloropropene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	81	2.7	Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	525	2	Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
				Metals								
NE	NE	NE	NE	Barium, Dissolved	NT	NT	12.0	10.0	11.0	11.0	10.0	10.0
2.02	1.35	10,769	5	Cadmium, Dissolved	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL
16 (Cr VI)	11 (Cr VI)	2019 (Cr VI)	100 (Cr VI)	Chromium, Dissolved	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL
14.3	4.8	NE	1,300	Copper, Dissolved[3]	NT	NT	1	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Iron, Dissolved	NT	NT	134	113	99	118	139	169
NE	NE	NE	NE	Manganese, Dissolved	NT	NT	27	16	6	9	28	31
260.5	28.9	4,600	610	Nickel, Dissolved	NT	NT	1	5	1	1	2	2
NE	NE	NE	NE	Sodium, Dissolved	NT	NT	9,960	9,500	11,800	11,900	10,700	11,200
65	65	68,740	9,100	Zinc, Dissolved	NT	NT	3.0	3.0	4.0	4.0	6.0	5.0
				Indicator Parameters								
see footnote 4(a)	see footnote 4 (b,c)	NE	NE	Ammonia Nitrogen	70	50	100	60	40	30	BDL	40
NE	NE	NE	NE	Chloride, Water	19,000	19,000	16,000	16,000	21,000	21,000	16,000	16,000
22	5.2	220,000	200	Cyanide, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Nitrate Nitrogen, Water	150	160	160	150	130	160	200	230
NE	NE	NE	NE	Nitrite Nitrogen, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Phenols, Water	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NE	NE	NE	NE	Sulfate, Water	8,100	8,100	8,100	8,500	8,100	7,900	7,400	7,500
NE	NE	NE	NE	Total Dissolved Solids, Water	81,000	82,000	77,000	73,000	74,000	73,000	68,000	67,000
NE	NE	NE	NE	Total Organic Carbon, Water	2,500	2,200	2,900	2,600	2,200	2,100	2,300	2,200
NE	NE	NE	NE	Total Organic Halogens, Water	BDL	16	20	12	BDL	10	BDL	BDL
NE	NE	NE	NE	Total Suspended Solids	BDL	12,000	6,000	BDL	BDL	BDL	5,000	BDL

Notes:

CTDEP	Connecticut Department of Environmental Protection
NT	Not tested
NE	Not established
BDL	Below Detection Limit

Footnotes:

1 Samples were collected from Branch Brook, a Class B/A surface water and therefore is required to meet CTDEP Class A surface water quality standards (footnote 2).

2 Class A Surface Waters are designated for: habitat for fish and other aquatic life and wildlife; potential drinking water supplies; recreation; navigation; and water supply for industry and agriculture (State of Connecticut Surface Water Quality Standards, Effective December 17, 2002)

3 Biological integrity is impaired when the ambient concentration exceeds the acute value on more than 5% of the year and the chronic value more than 50% of the year.

4 The criteria for ammonia (mg/L as N) vary in response to ambient surface water temperature (T, degrees C) and pH. Biological integrity is considered impaired when:

a. The one-hour average concentration of total ammonia exceeds:

$[0.275 / 1 + 10^{(7.204-pH)}] + [39/ (1 + 10^{(pH-7.204)}]$ when salmonids are present

- or -

$[0.411 / 1 + 10^{(7.204-pH)}] + [58.4/ (1 + 10^{(pH-7.204)}]$ when salmonids are absent

b. The four-day average concentration of total ammonia exceeds 2.5 times the value obtained from the formula (c) below.

c. The 30-day average concentration of total ammonia exceeds:

$[0.0577 / 1 + 10^{(7.688 - pH)}] + [2.487 / 1 + 10^{(pH-7.688)}] \times [MIN (2.85, 1.45(10^{0.028(25-T)})]$ when early life stages are present

- or -

$[0.0577 / 1 + 10^{(7.688 - pH)}] + [2.487 / 1 + 10^{(pH-7.688)}] \times [1.45(10^{0.028 (25 - MAX (T,7))})]$ when early life stages are absent

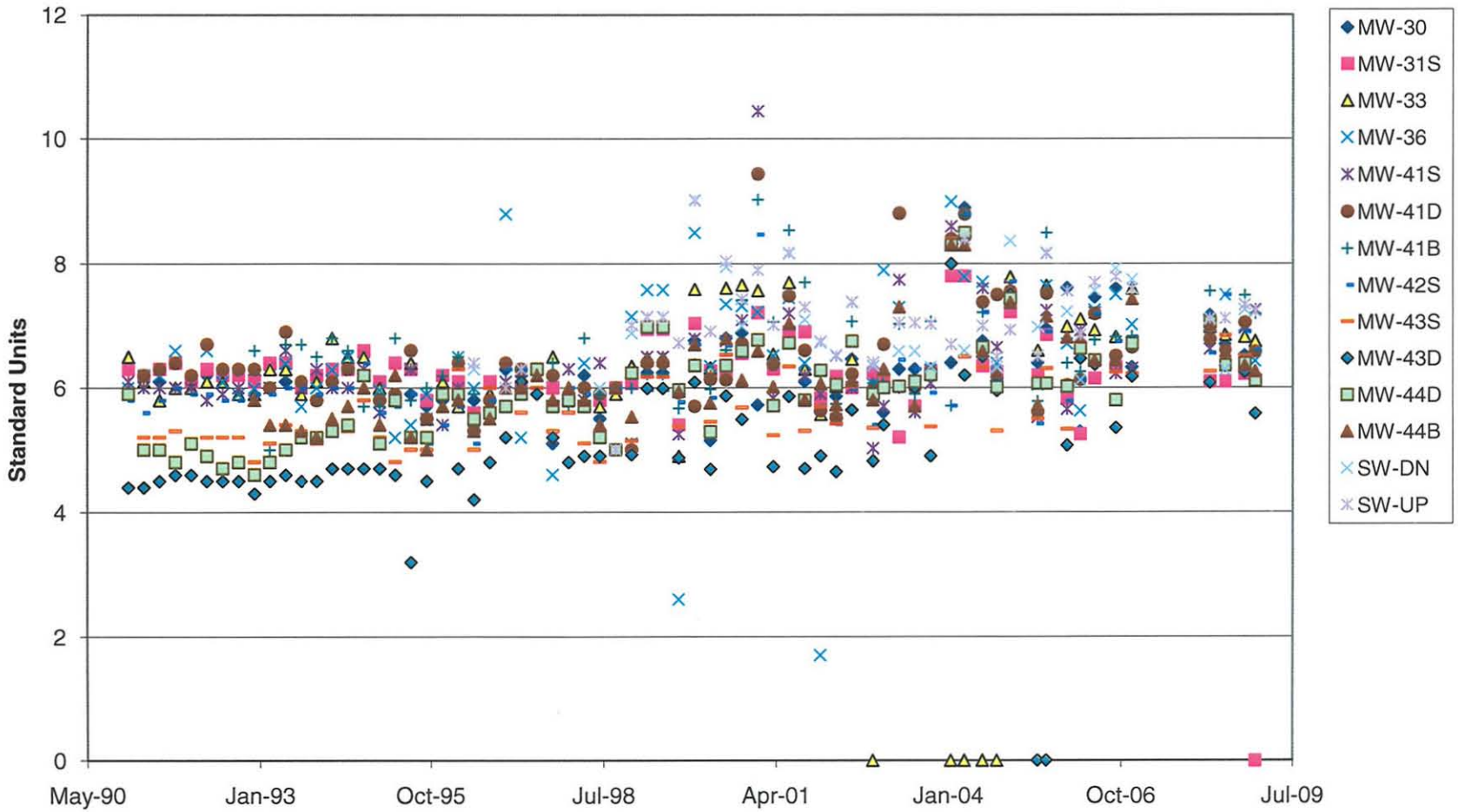
TABLE 10 - SUMMARY OF ANALYTICAL RESULTS, QA/QC SAMPLES

Thomaston Landfill (Envirite)
2009 Annual Report

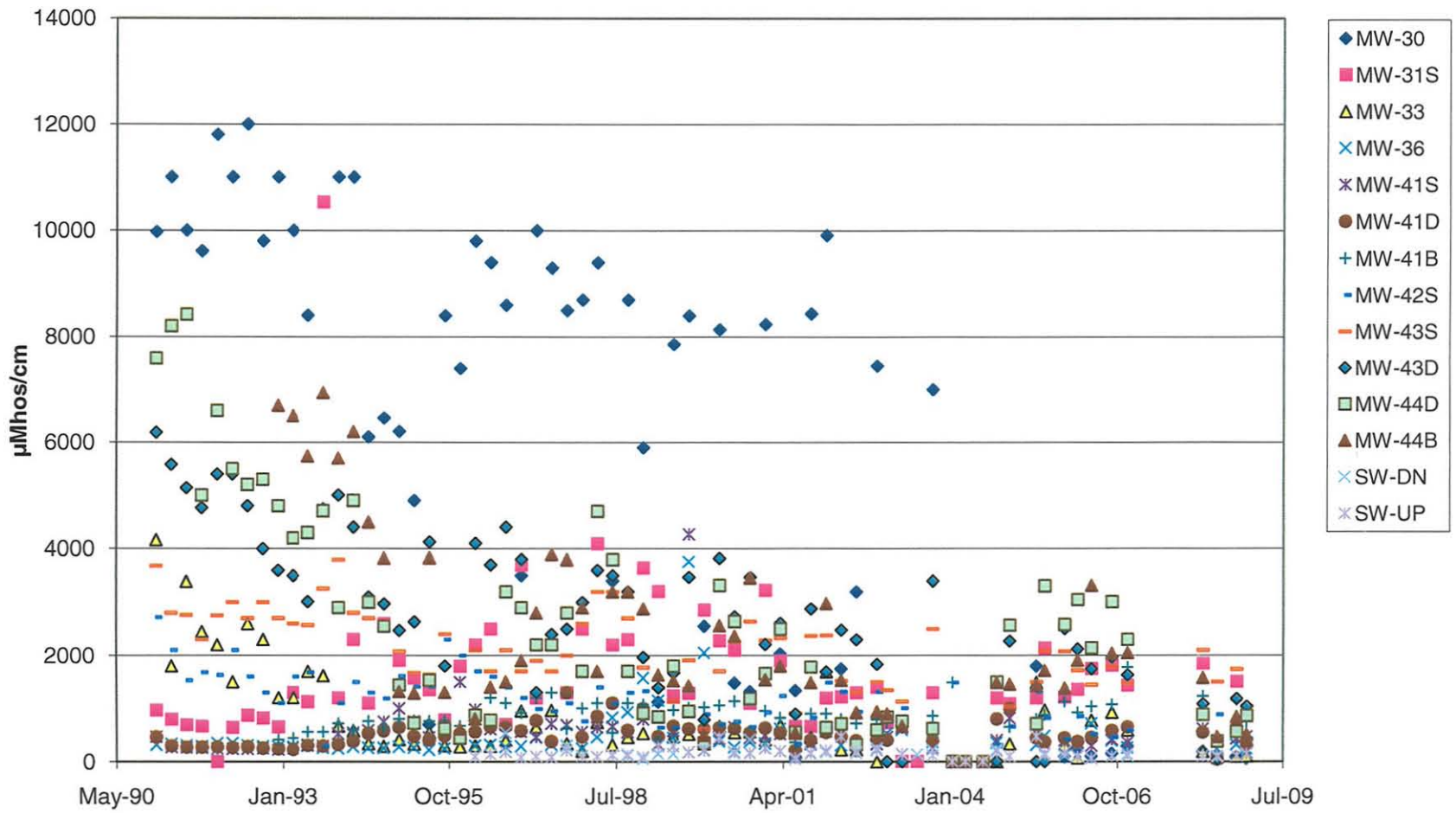
Sample Description	Equipment Blank	Field Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank	Equipment Blank	Field Blank	Trip Blank
Date	4/28/09	4/28/09	4/28/09	6/23/09	6/23/09	6/23/09	9/28/09	9/28/09	9/28/09	12/17/09	12/17/09	12/17/09
Volatile Organic Compounds	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2-Chloroethyl vinyl ether	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acrolein	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Acrylonitrile	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromodichloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromoform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Bromomethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Tetrachloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloroform	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Chloromethane	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
Dibromochloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Tetrachloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
trans-1,2-Dichloroethene	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
Trichloroethene	BDL	BDL	BDL	5.4	5.4	BDL	1.6	2	BDL	BDL	BDL	BDL
Trichlorofluoromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Vinyl Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Metals												
Barium, Dissolved	NT	NT	BDL	25.0	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Cadmium, Dissolved	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Chromium, Dissolved	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Copper, Dissolved	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Iron, Dissolved	NT	NT	BDL	BDL	4	NT	BDL	NT	NT	6	BDL	NT
Manganese, Dissolved	NT	NT	BDL	2	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Nickel, Dissolved	NT	NT	BDL	1	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Sodium, Dissolved	NT	NT	120	28,400	BDL	NT	150	NT	NT	130	190	NT
Zinc, Dissolved	NT	NT	2	BDL	BDL	NT	3	NT	NT	5	3	NT
Indicator Parameters												
Ammonia Nitrogen	NT	NT	BDL	BDL	BDL	NT	70	NT	NT	BDL	BDL	NT
Chloride, Water	NT	NT	BDL	65,000	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Cyanide, Water	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Nitrate Nitrogen, Water	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Nitrite Nitrogen, Water	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Phenols, Water	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Sulfate, Water	NT	NT	BDL	12,000	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Total Dissolved Solids, Water	NT	NT	BDL	220,000	13,000	NT	BDL	NT	NT	BDL	BDL	NT
Total Organic Carbon, Water	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT
Total Organic Halogens, Water	NT	NT	BDL	15	BDL	NT	BDL	NT	NT	NT	BDL	NT
Total Suspended Solids	NT	NT	BDL	BDL	BDL	NT	BDL	NT	NT	BDL	BDL	NT

Notes:
BDL Below Detection Limit
NT Not Tested

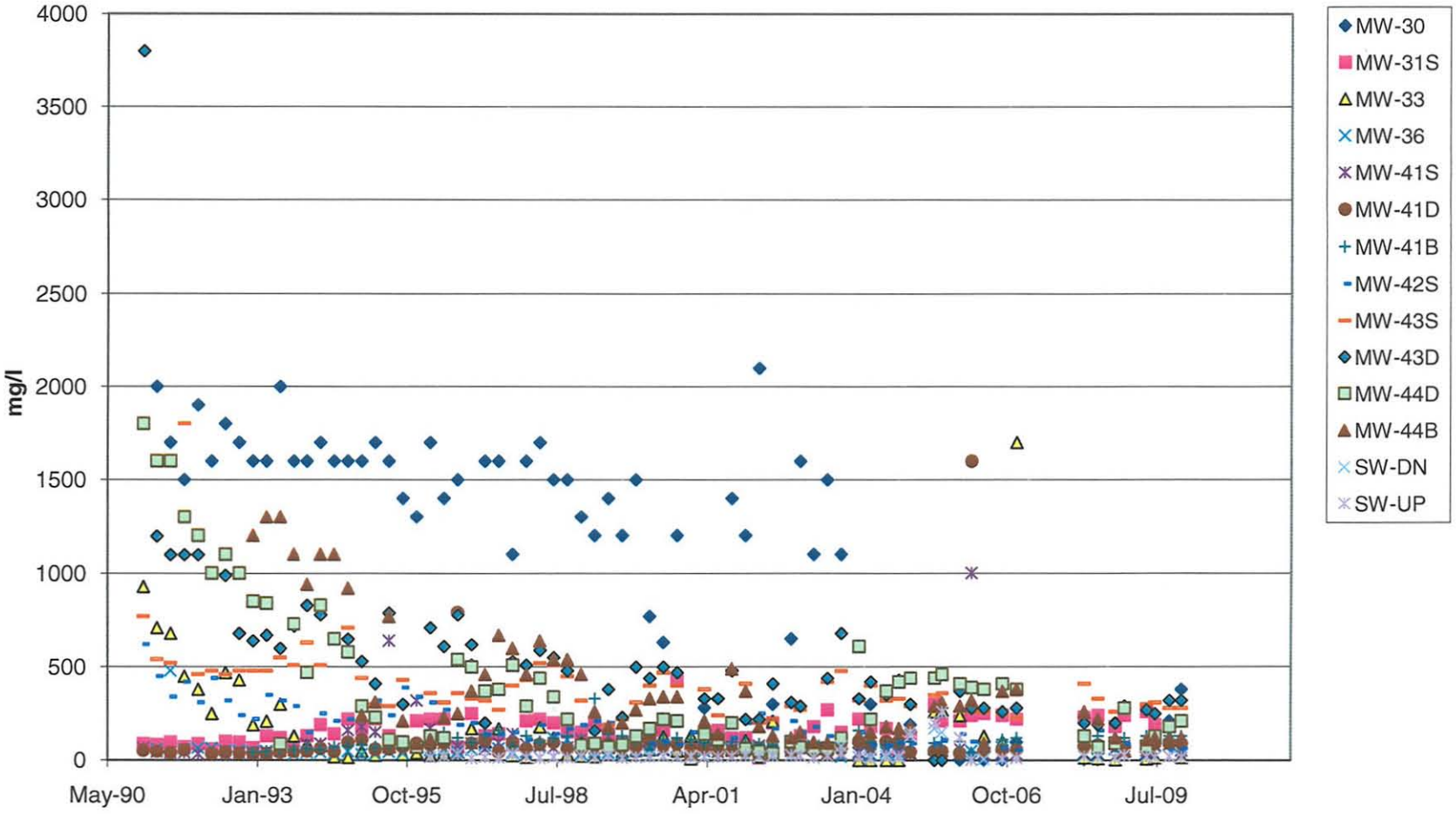
pH
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



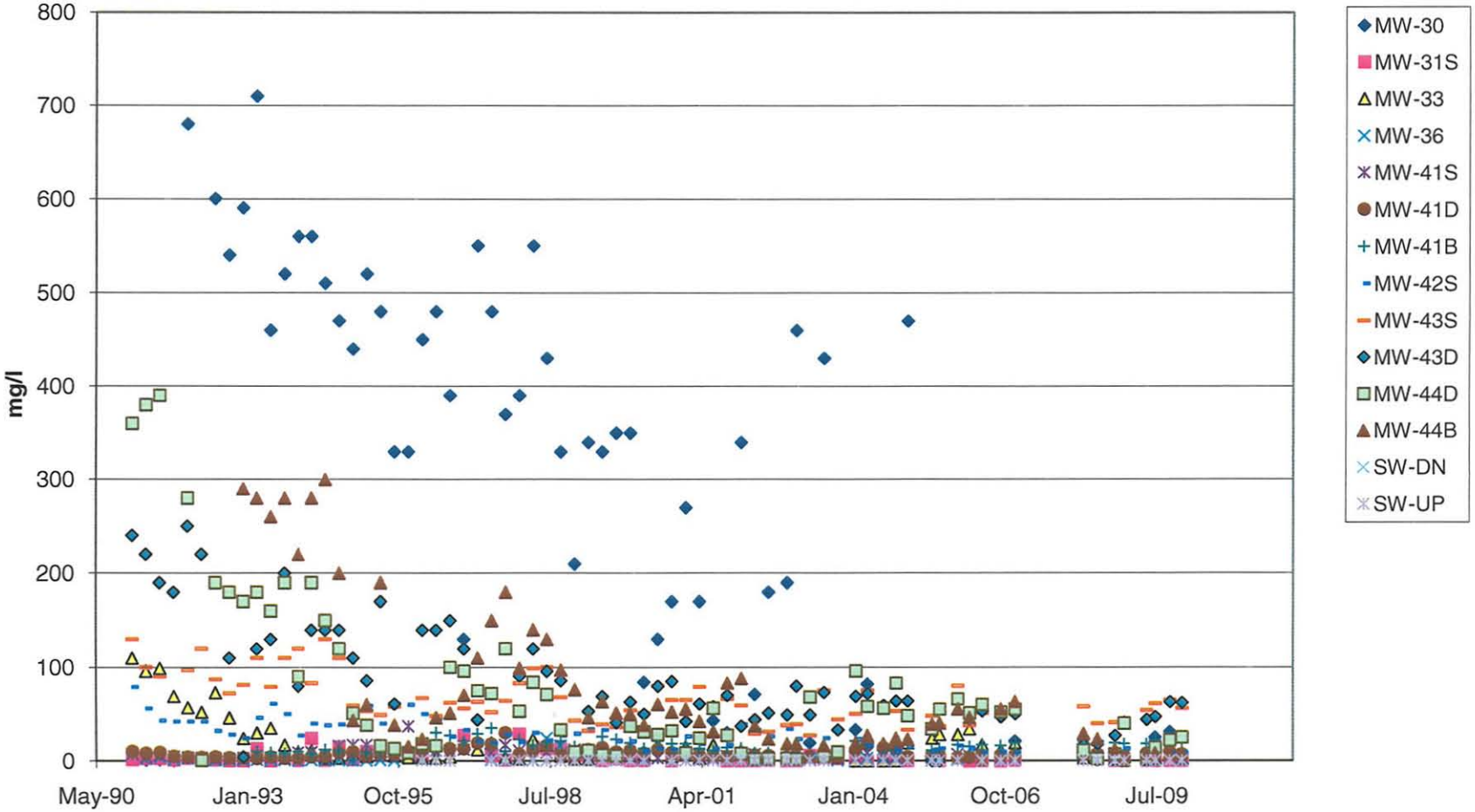
Specific Conductivity
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



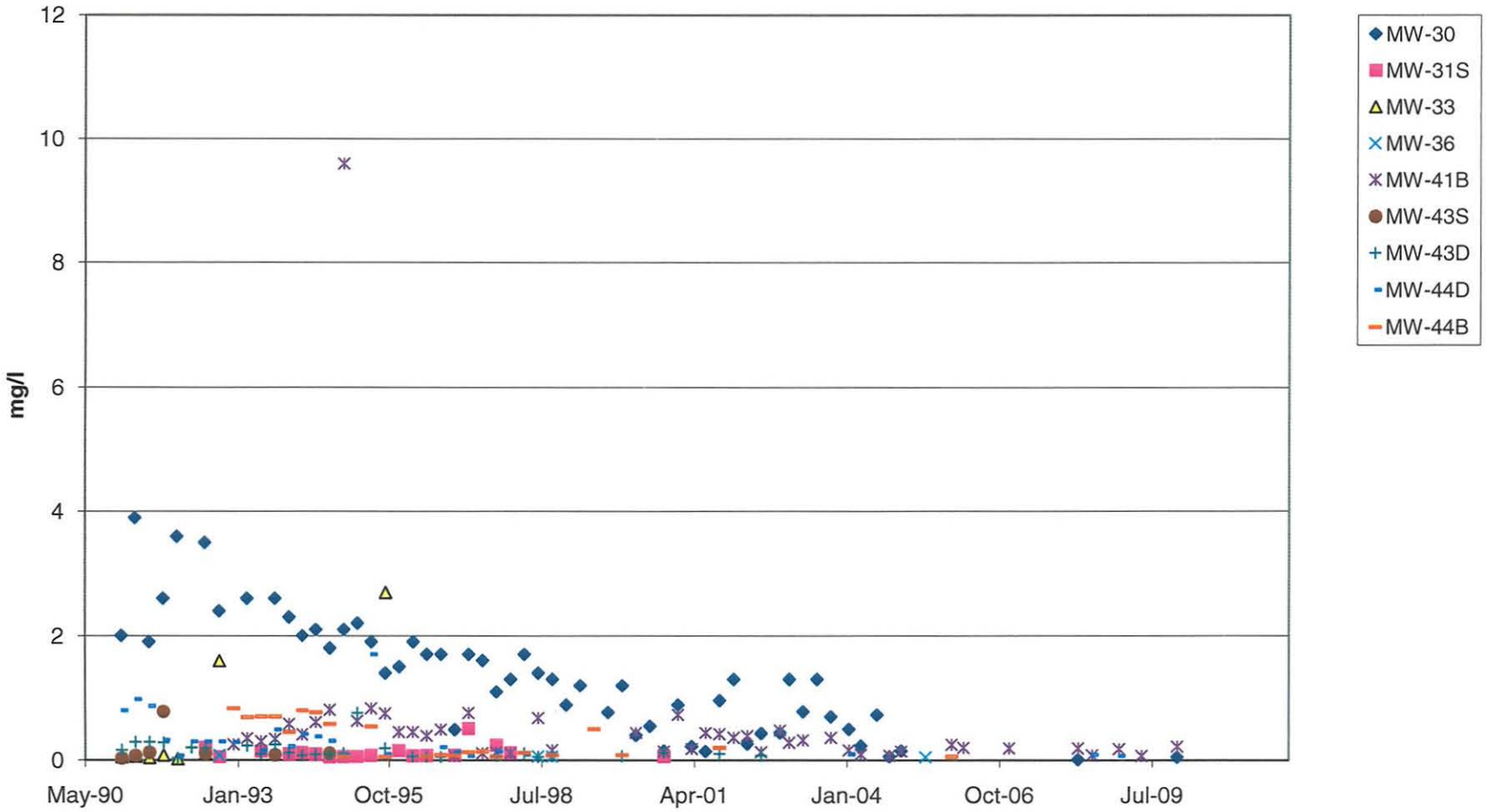
Chloride
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



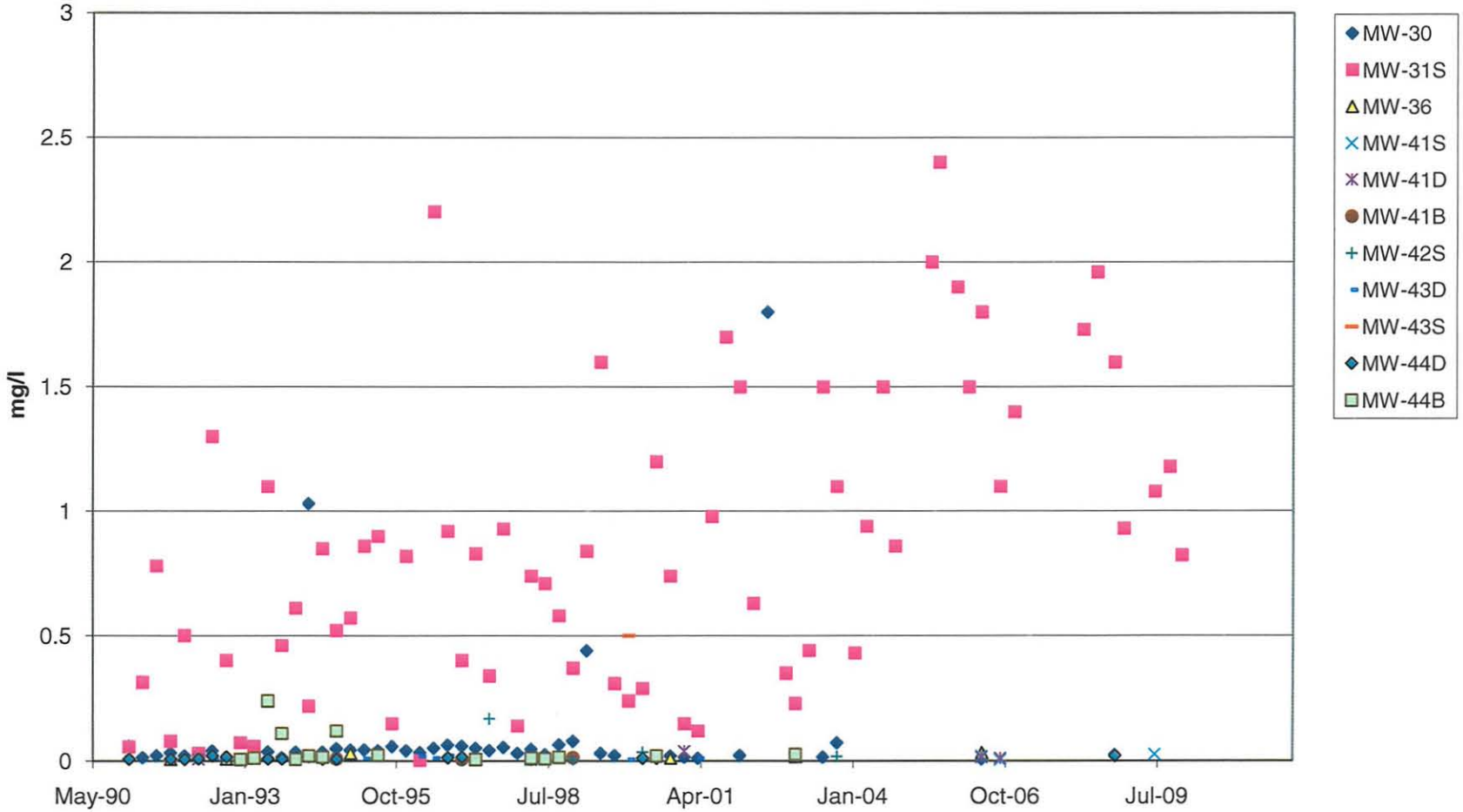
Nitrate
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



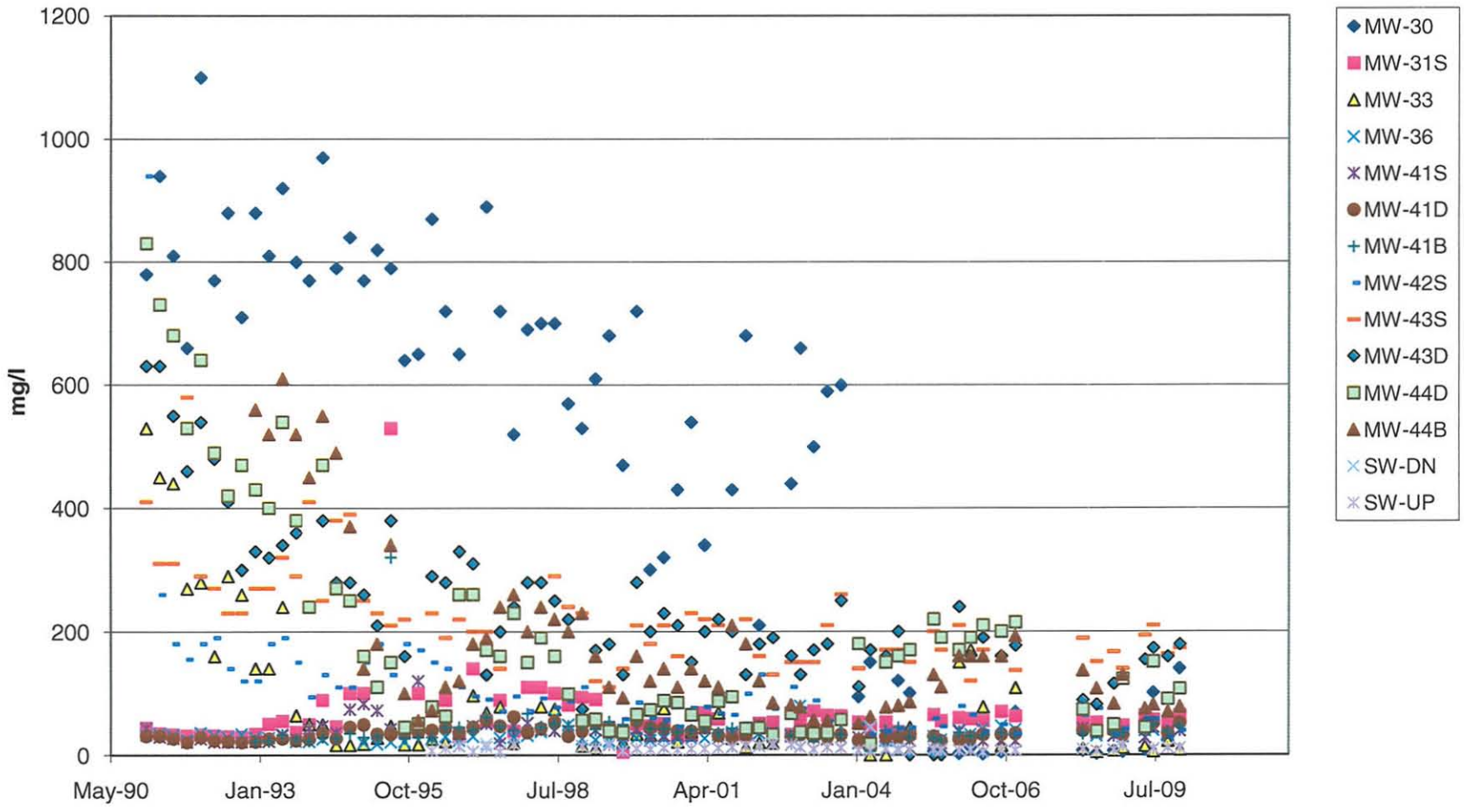
Nitrite
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



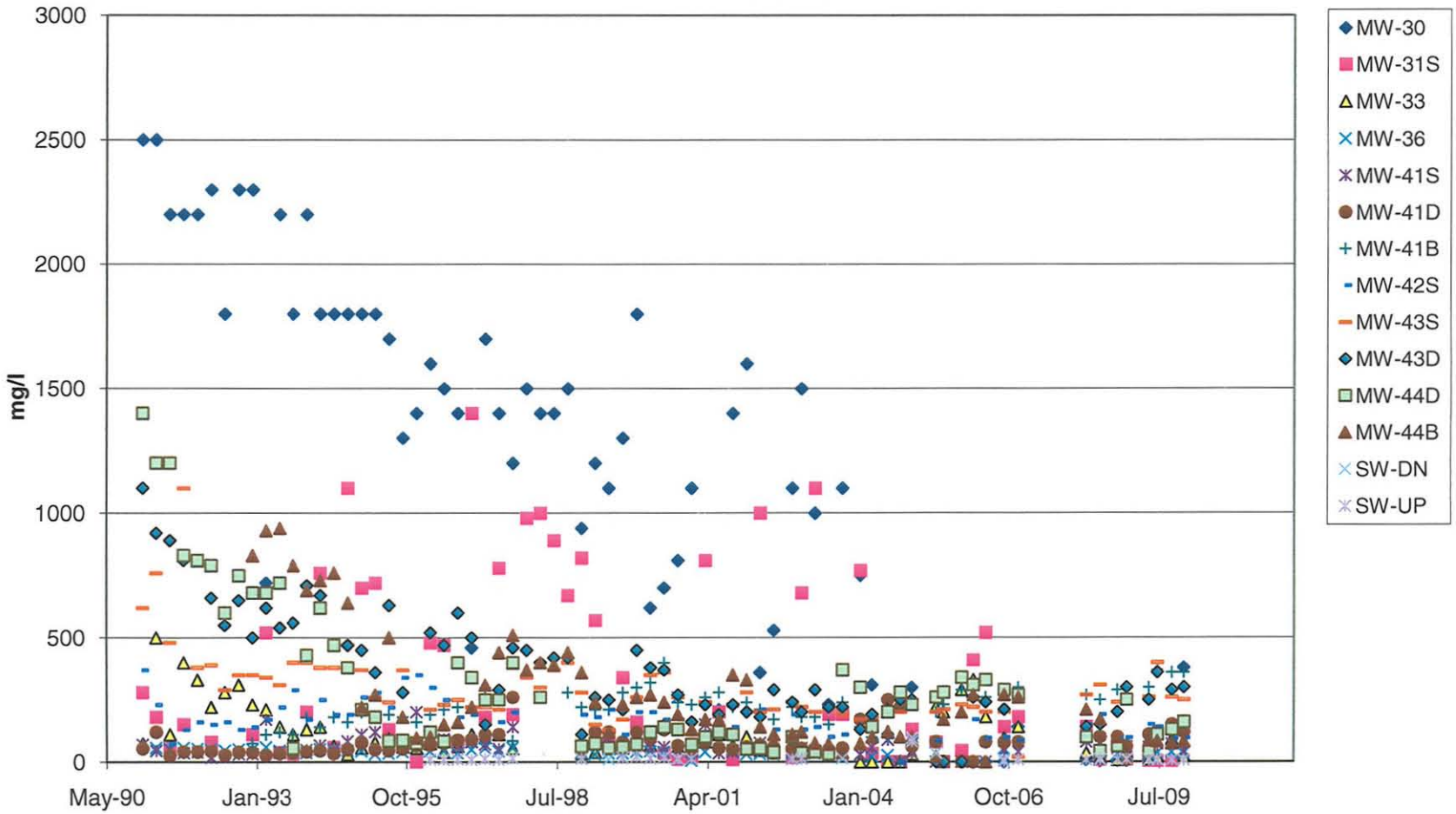
Phenols
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



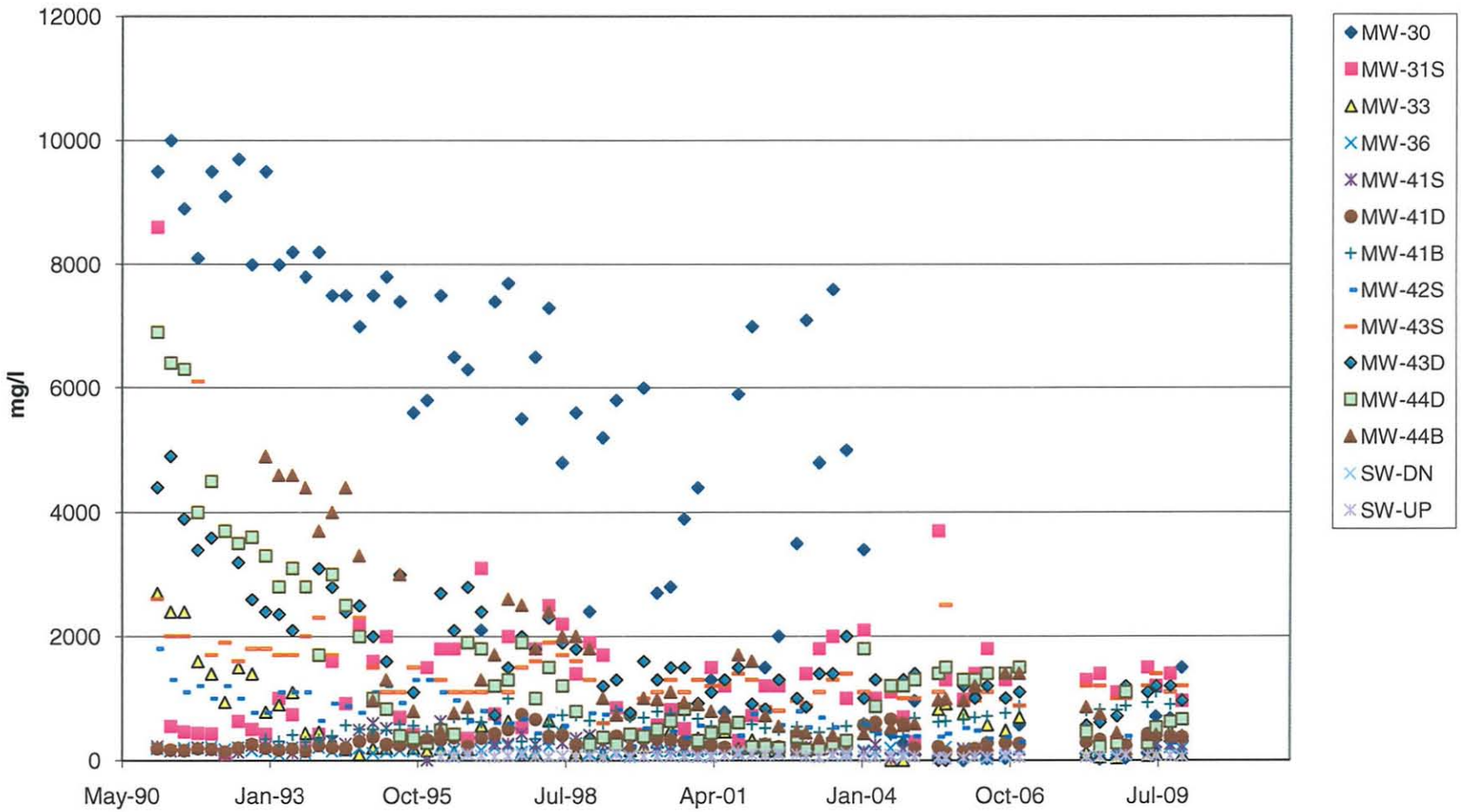
Sodium
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



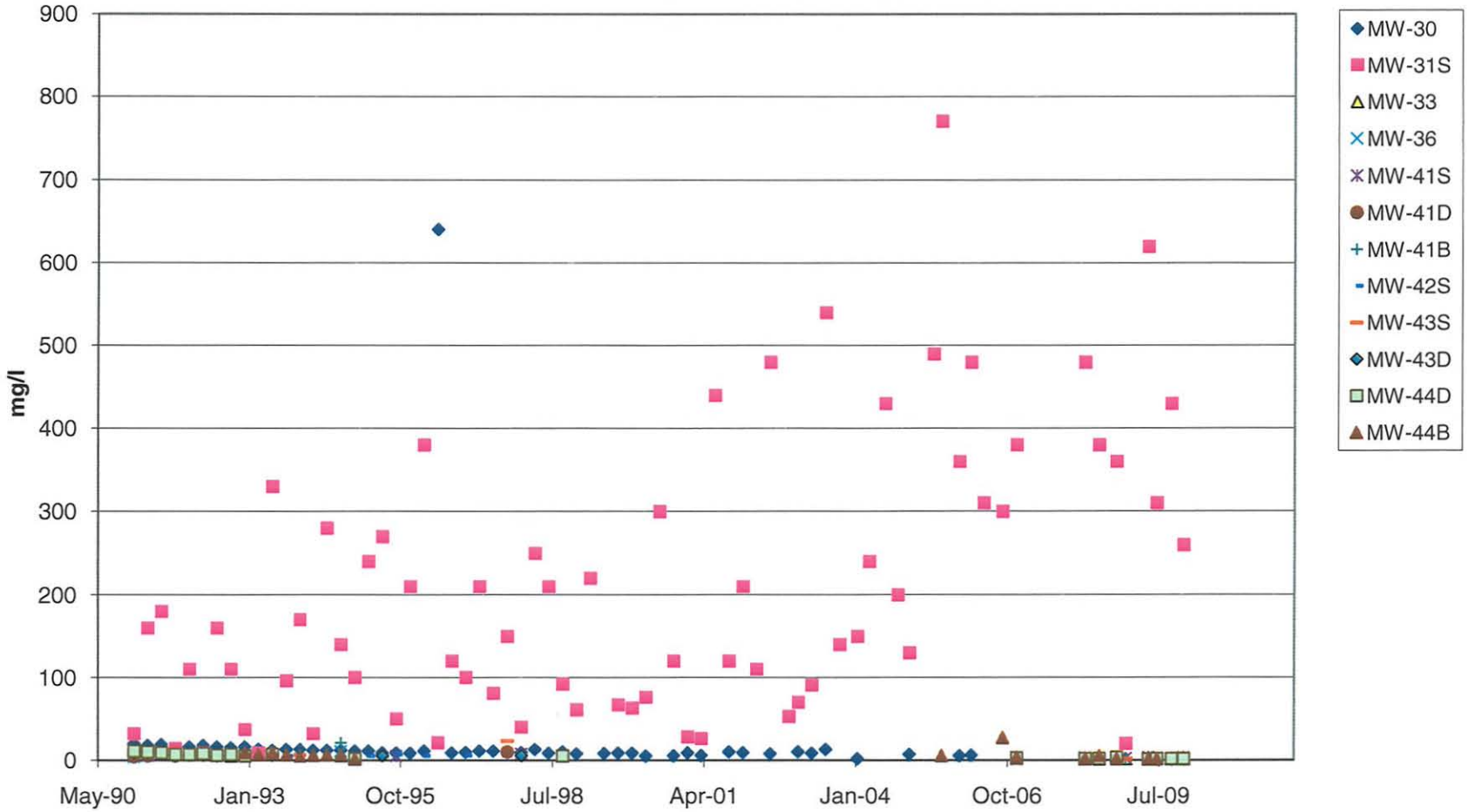
Sulfate
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



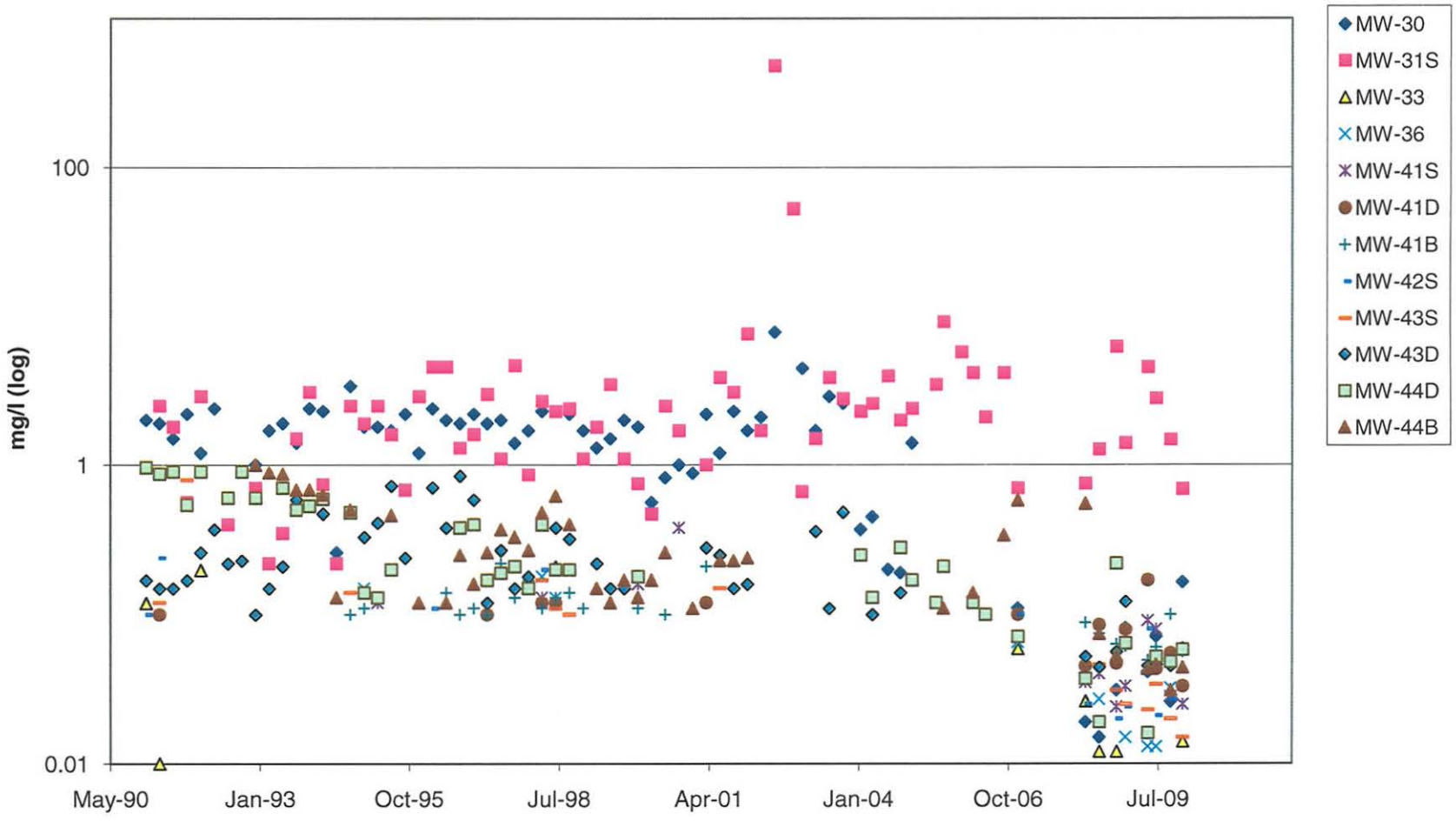
Total Dissolved Solids
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



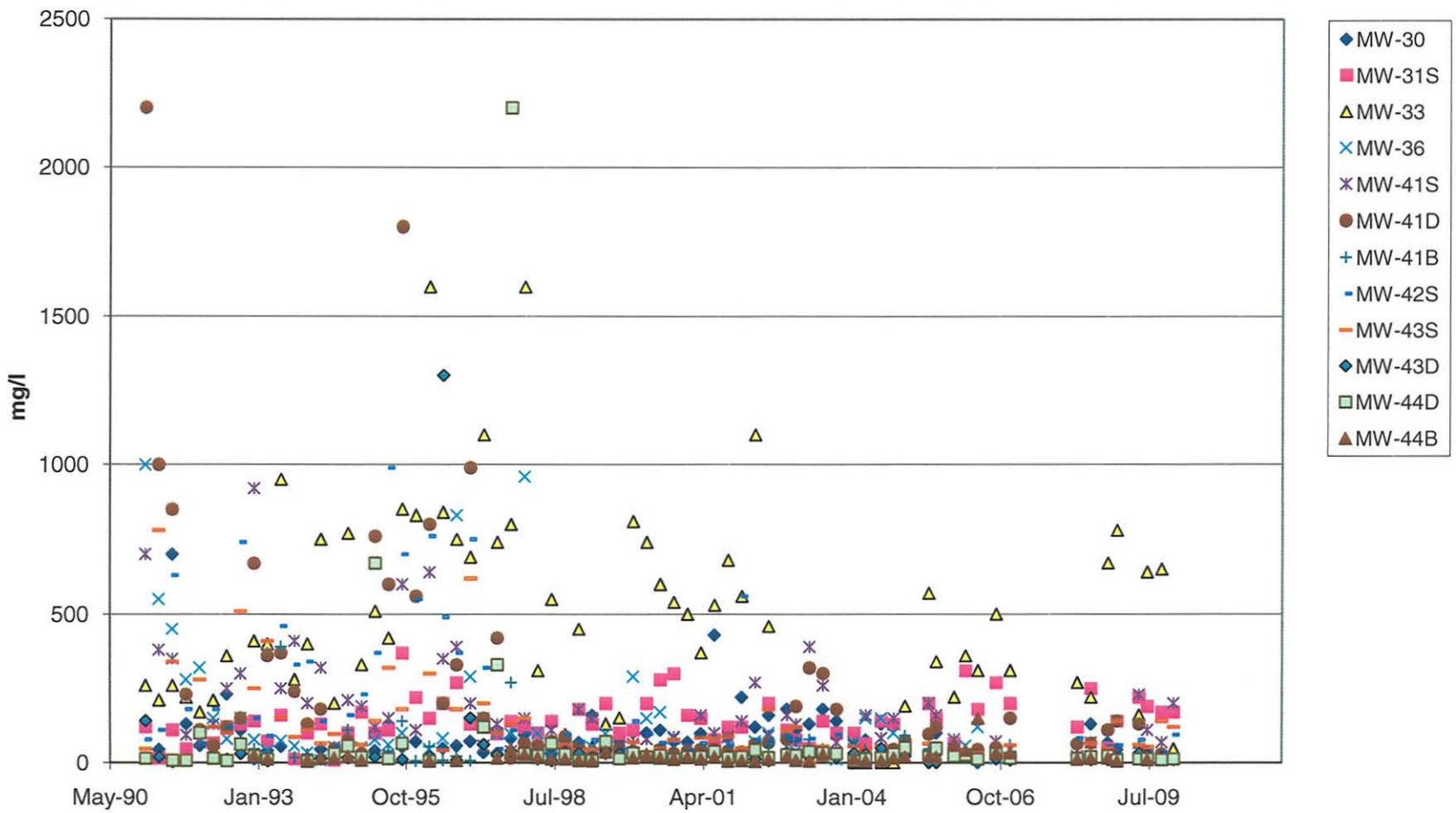
Total Organic Carbon
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



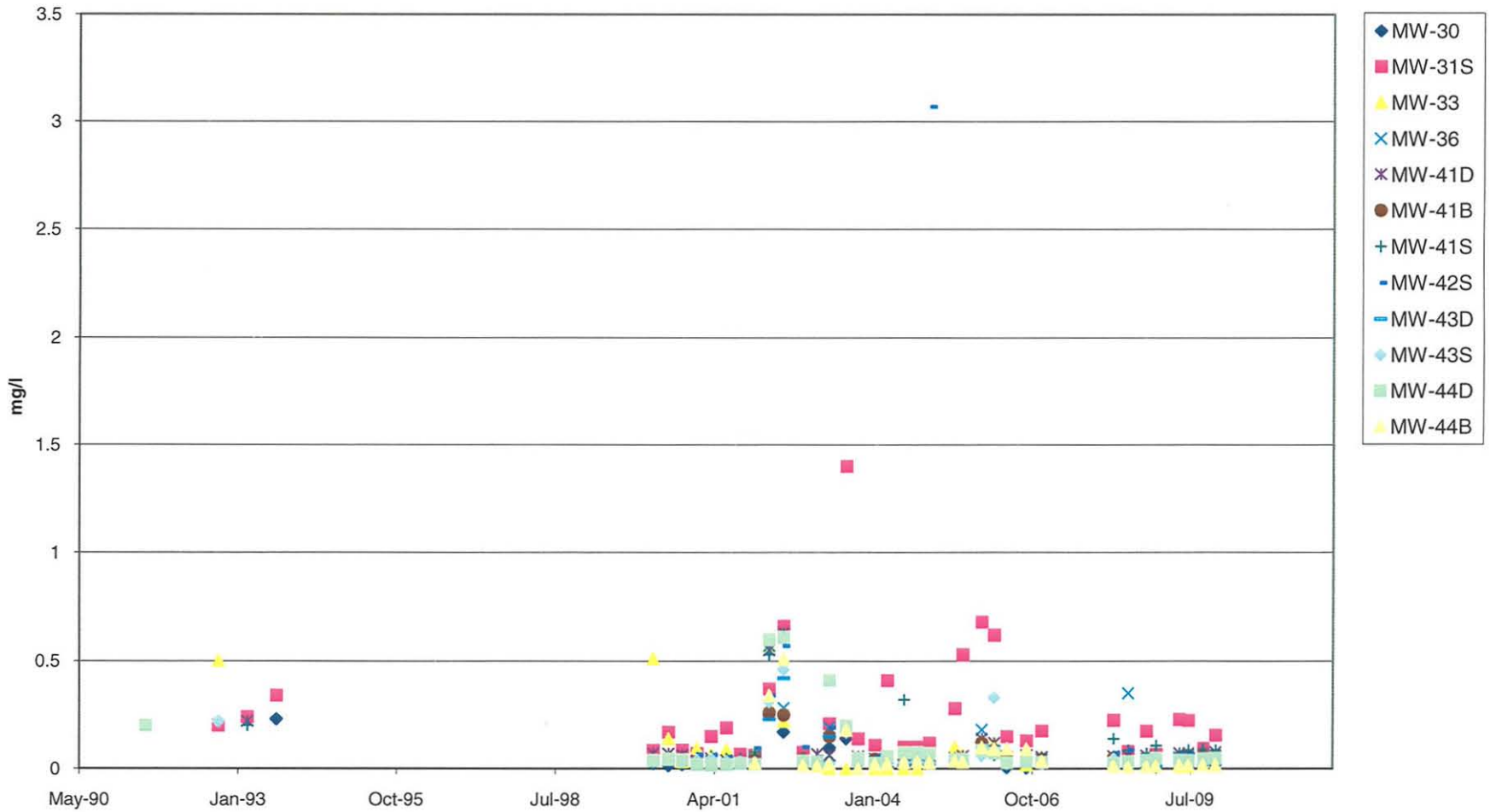
Total Organic Halogens
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



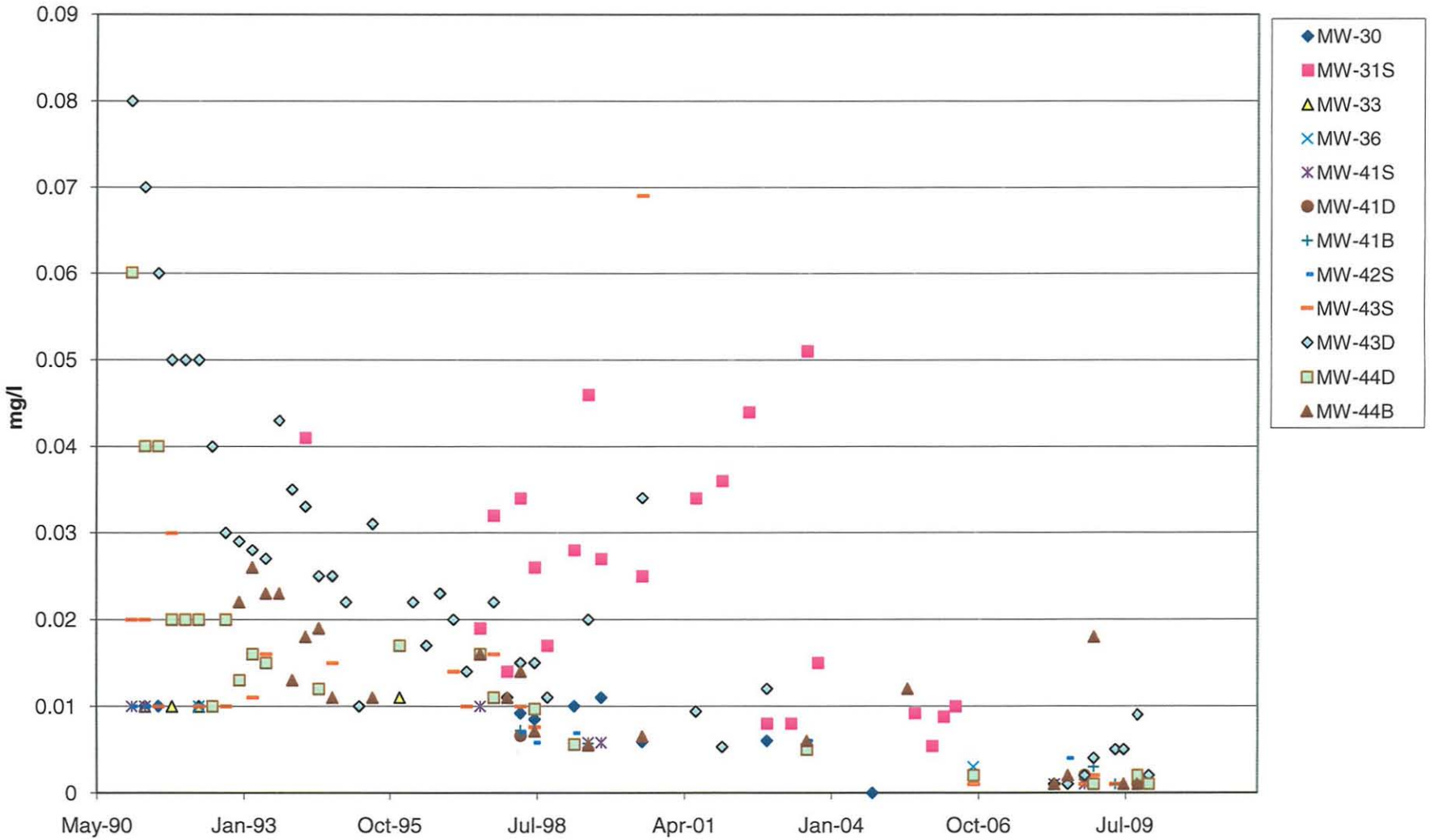
Total Suspended Solids
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



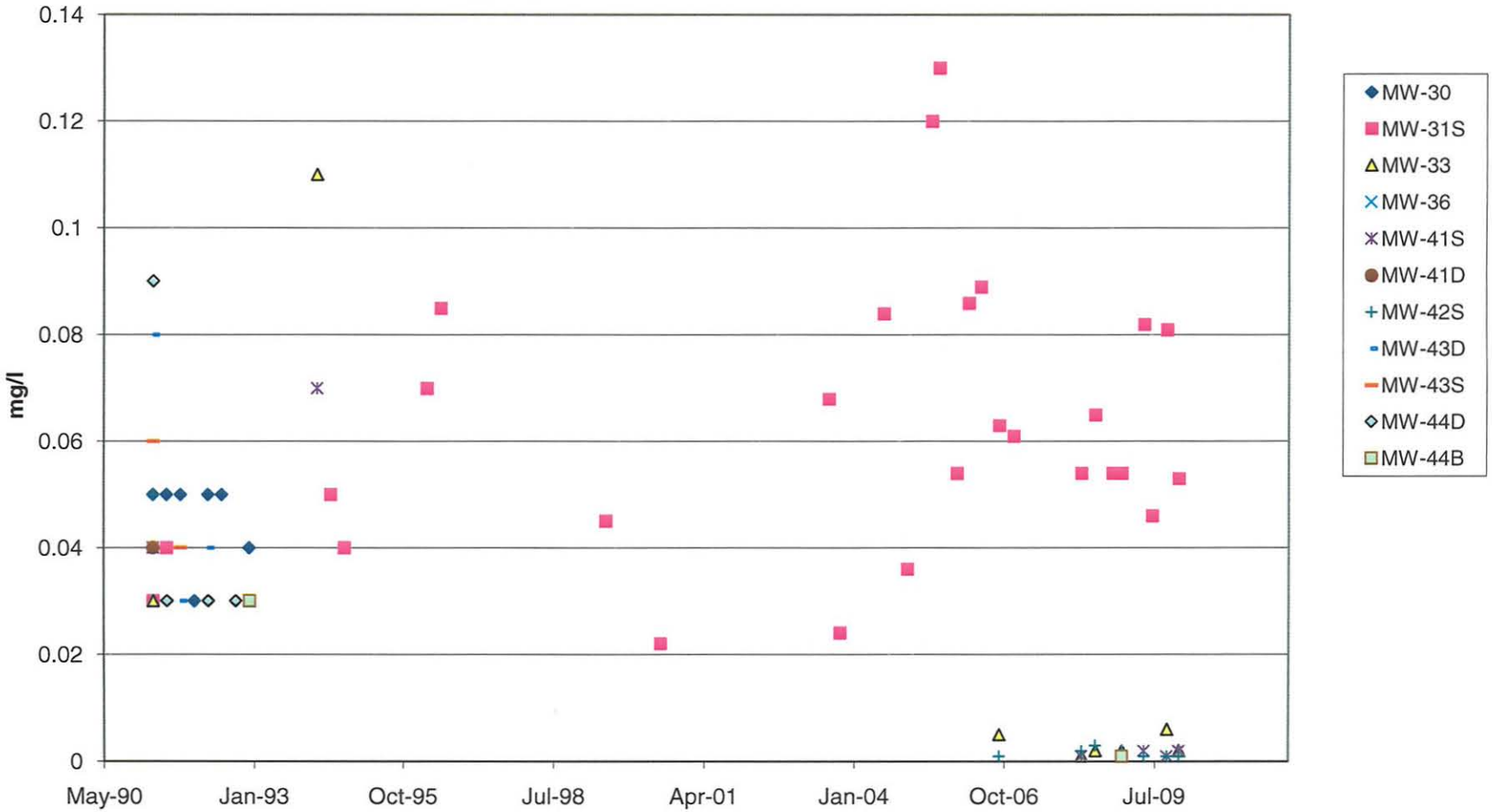
Barium
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



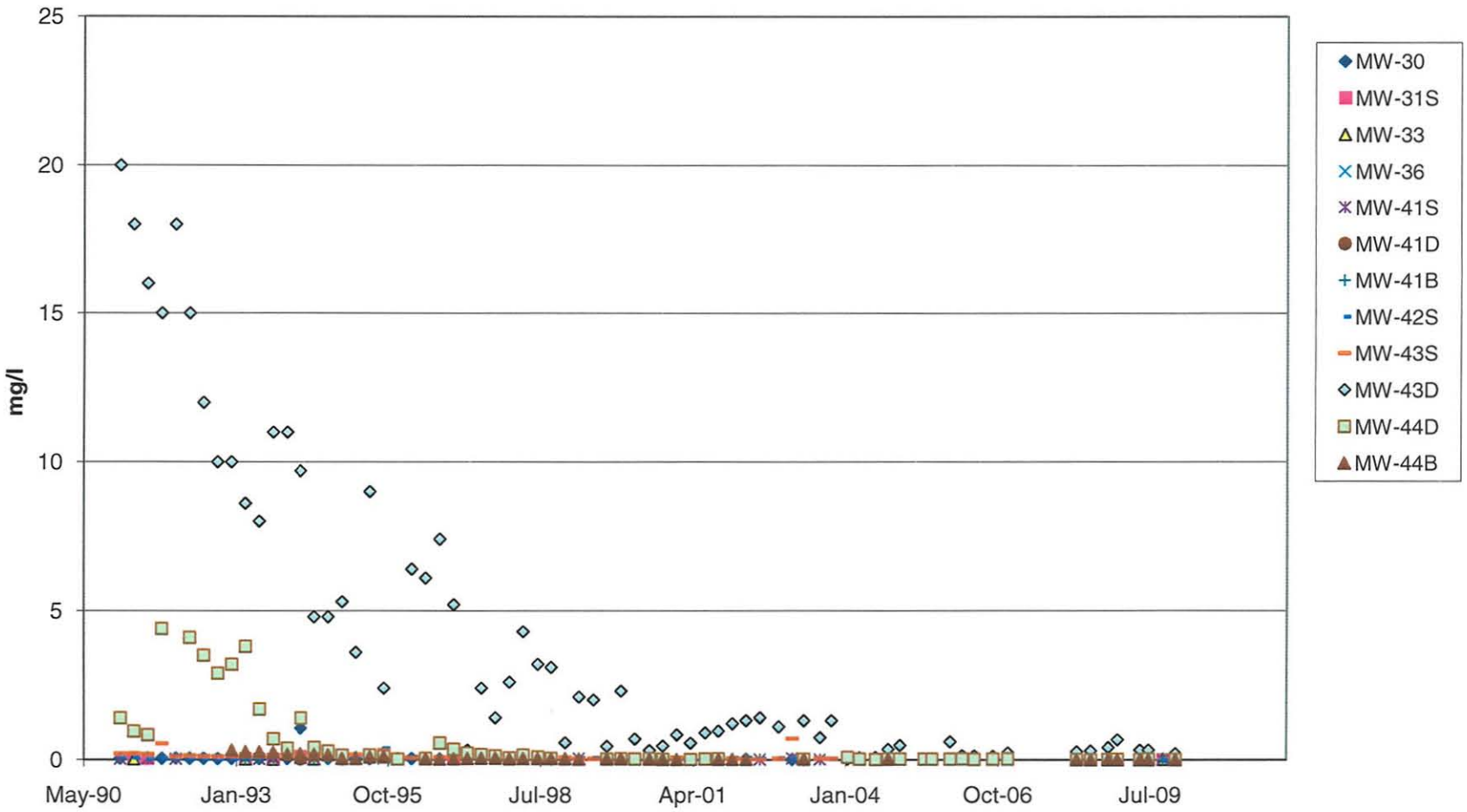
Cadmium
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



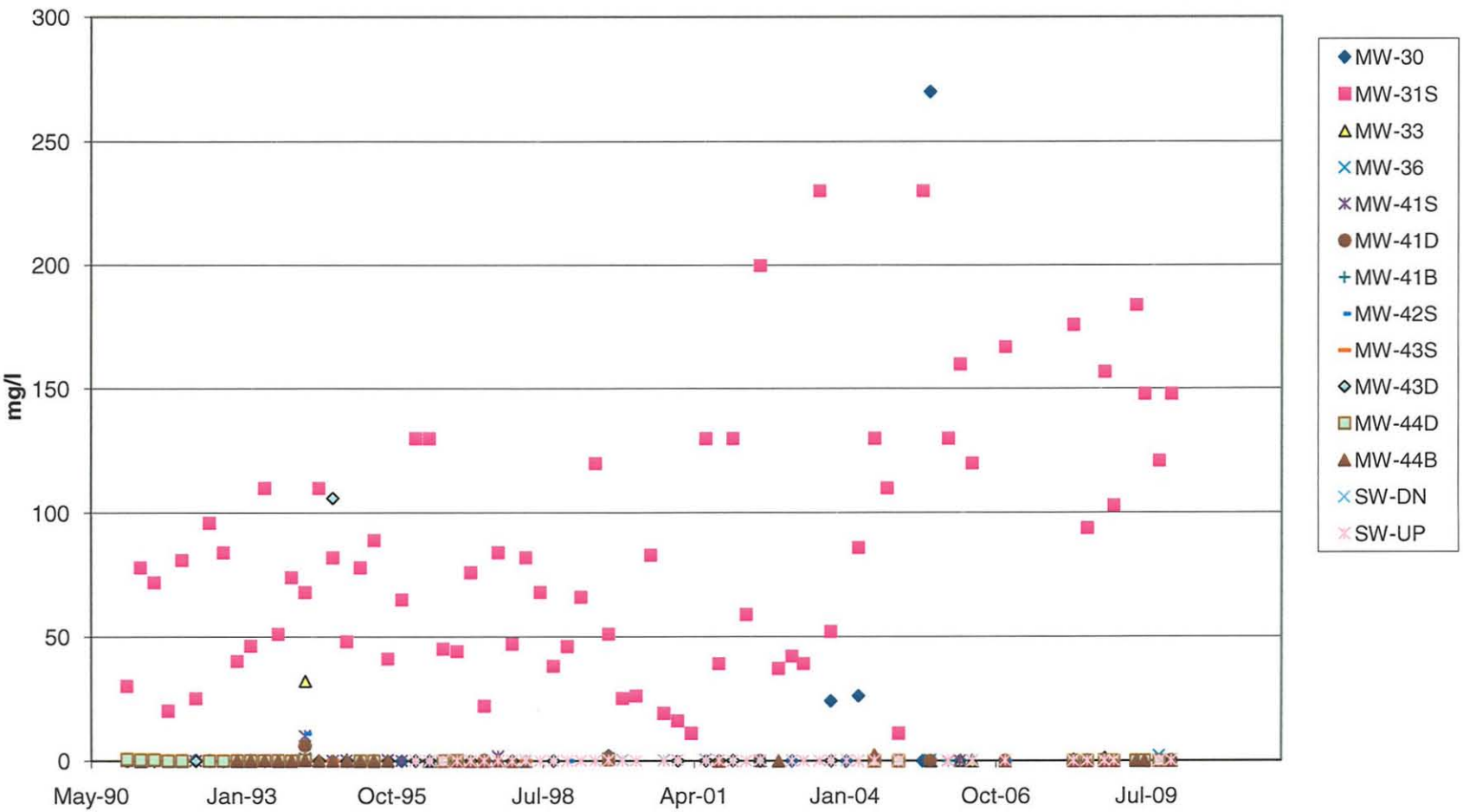
Chromium
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



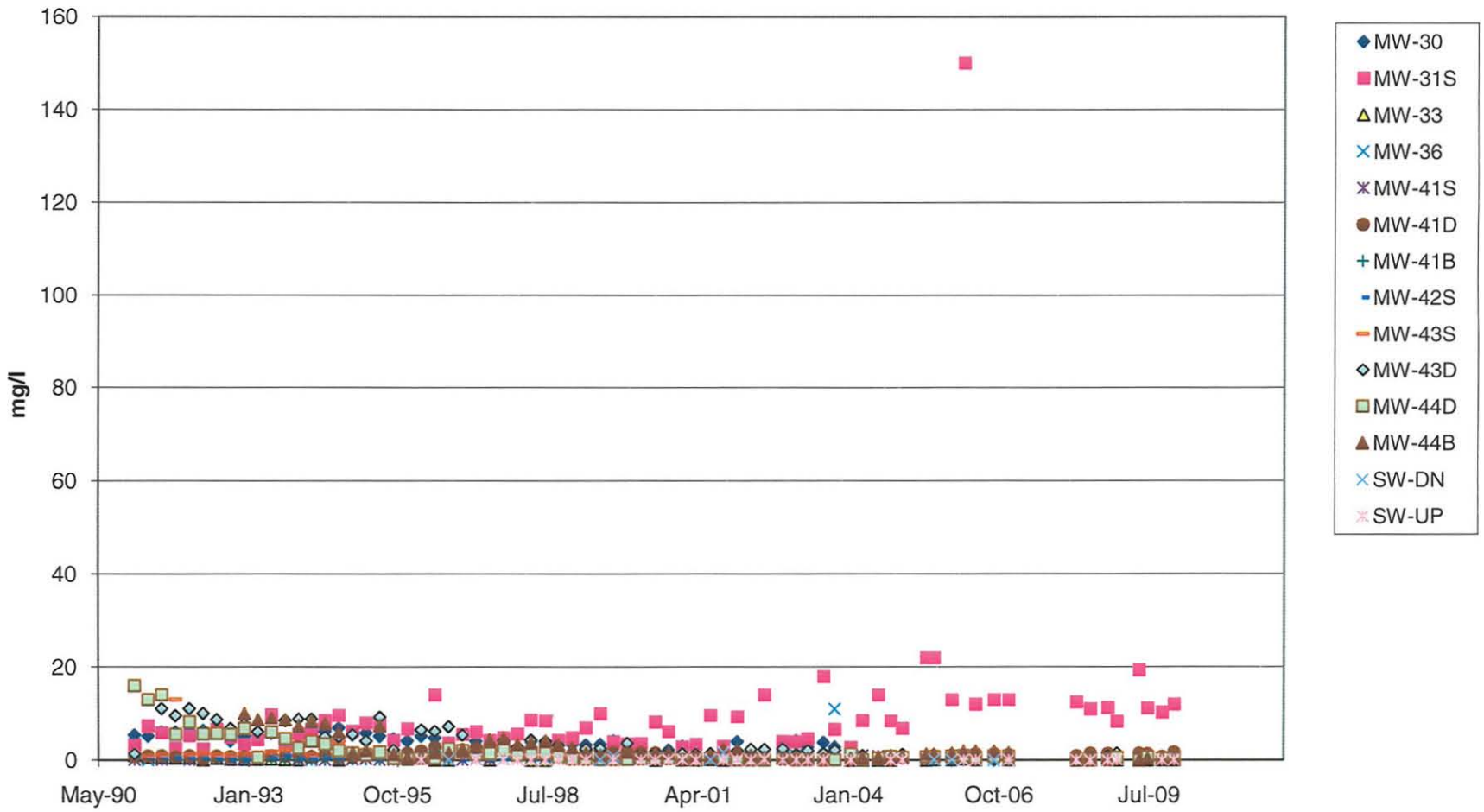
Copper
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



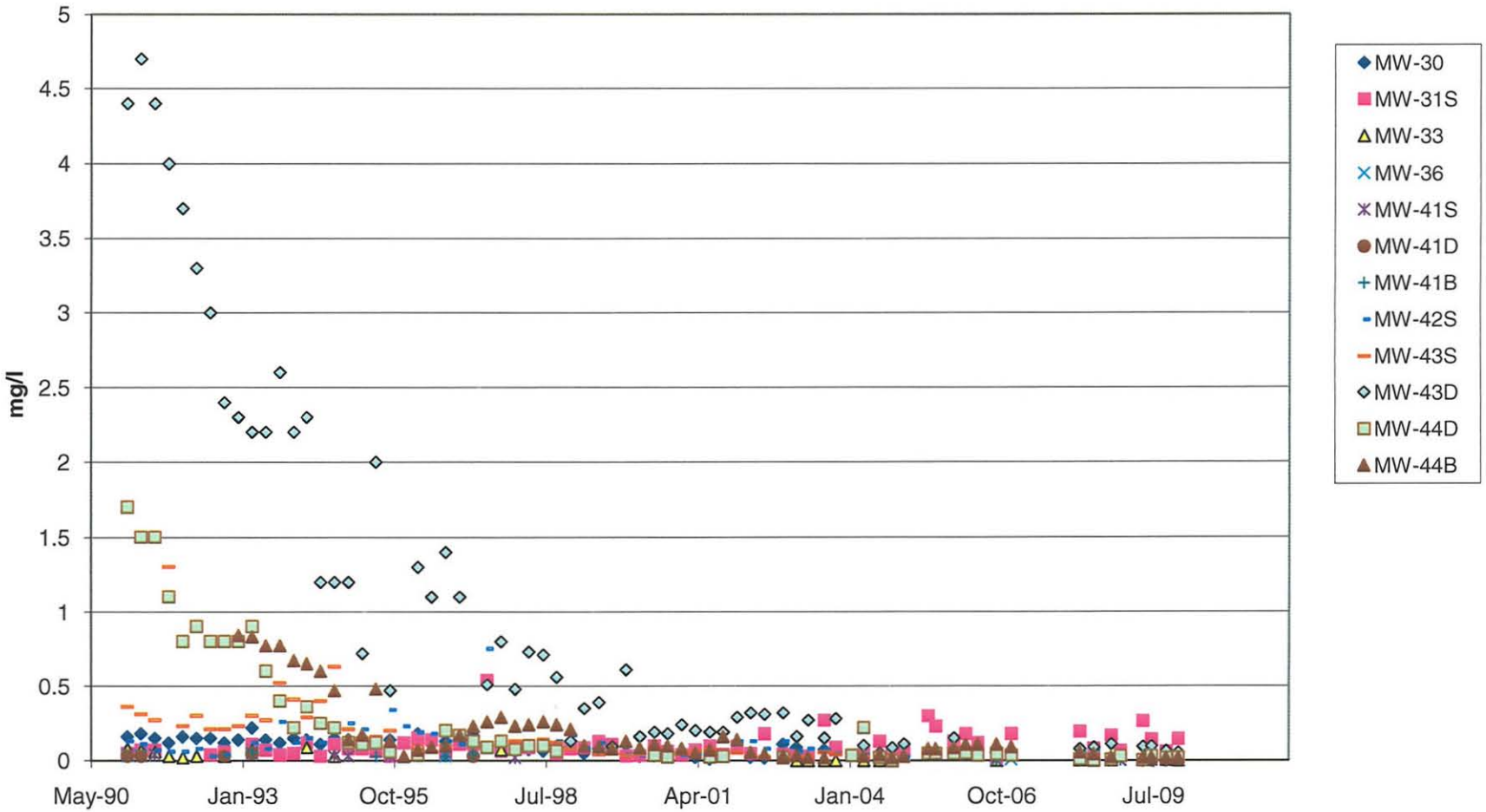
Iron
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



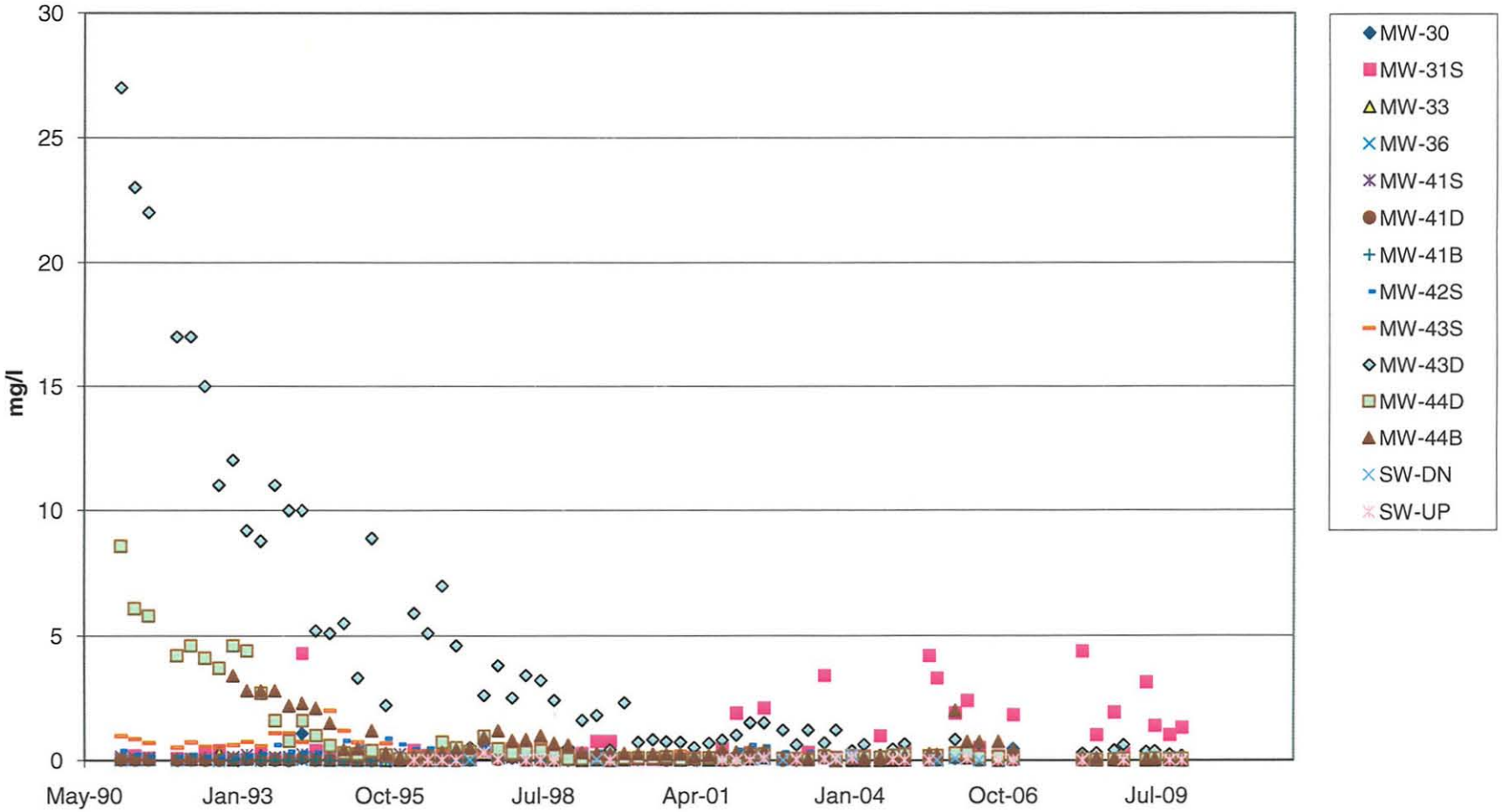
Manganese
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



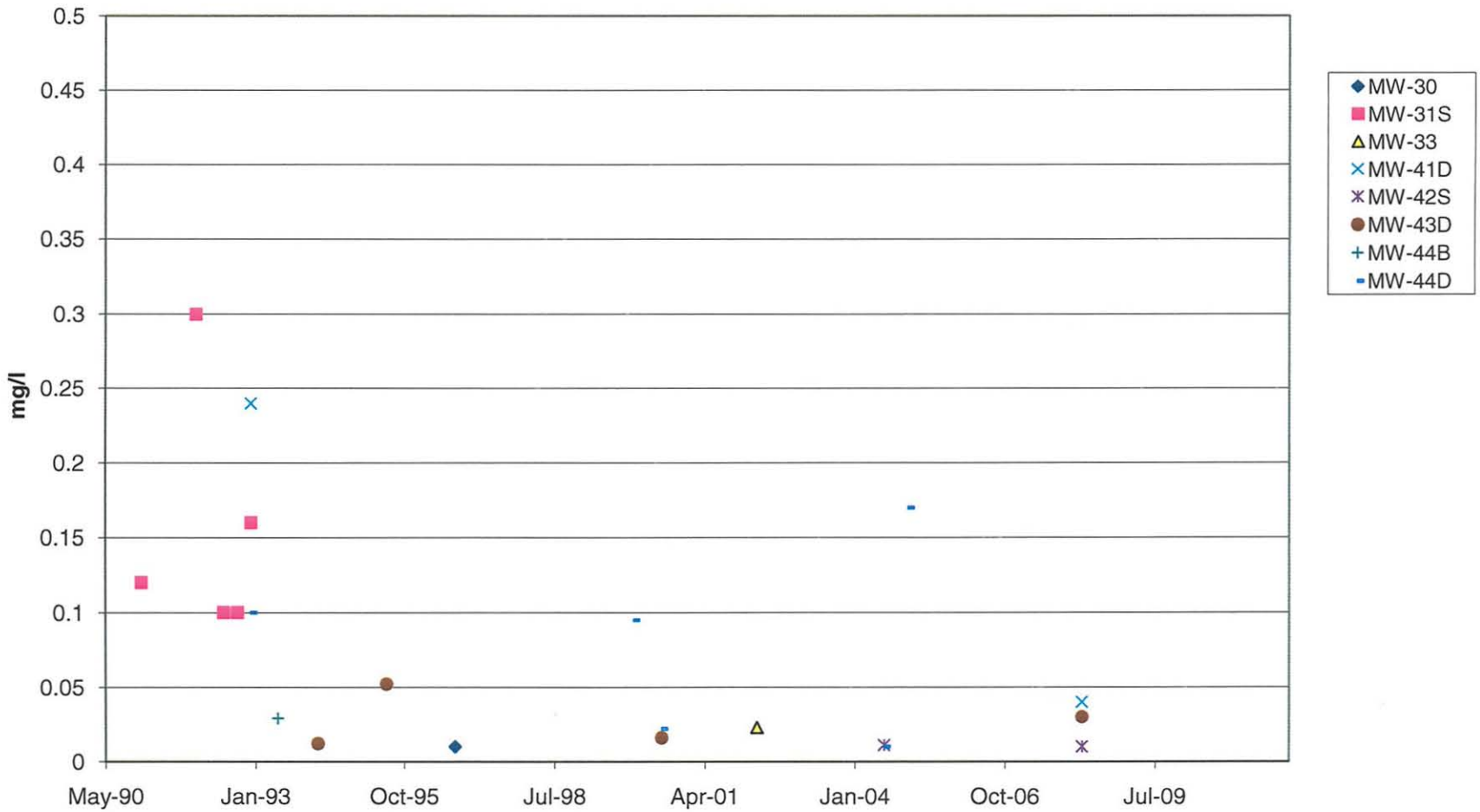
Nickel
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



Zinc
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



Cyanide
Thomaston Corporation (Envirite Corporation)
198 Old Waterbury Road
Thomaston, Connecticut



Appendix A

PHOENIX
Environmental Laboratories, Inc.

Friday, May 08, 2009

Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Client ID: ENVIRITE LF/THOMASTON
Sample ID#s: AR61953 - AR61970
This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

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

RECEIVED
MAY 13 2009
VANASSE HANGEN BRUSTLIN, INC.

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
NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	13:45
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61953

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.046	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.003	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.019	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	8.72	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.064	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	4.0	3.0	mg/L	04/30/09		B/E/G	300.0
Conductivity	188	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.1	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	8:29	B/E/G	300.0
Nitrate as Nitrogen	2.4	0.05	mg/L	04/30/09	8:29	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	7.16	0.10	pH	04/30/09	4:09	JC	4500-H B/9040
Sulfate	9.8	3.0	mg/L	04/30/09	8:29	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	120	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	1.6	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.041	0.010	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-30

Phoenix I.D.: AR61953

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	18	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-30

Phoenix I.D.: AR61953

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	11	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	12	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	1.0	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	96		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	104		%	04/30/09		R/J	SW8260
% Toluene-d8	97		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director

May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	14:12
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61954

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.230	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	0.082	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	184	0.021	mg/L	05/04/09		EK	6010/200.7
Manganese (Dissolved)	19.4	0.011	mg/L	05/04/09		EK	6010/200.7
Sodium (Dissolved)	63.5	1.1	mg/L	05/04/09		EK	6010/200.7
Nickel (Dissolved)	0.265	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	3.14	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	260	30	mg/L	04/30/09		B/G	300.0
Conductivity	1680	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	47	1	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.02	0.02	mg/L	04/30/09	20:45	B/G	300.0
Nitrate as Nitrogen	0.06	0.05	mg/L	04/30/09	8:38	B/E/G	300.0/9056
Phenolics	< 0.075	0.075	mg/L	05/06/09		LK	E420.4
pH	6.41	0.10	pH	04/30/09	4:15	JC	4500-H B/9040
Sulfate	4.1	3.0	mg/L	04/30/09	8:38	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	1500	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	620	40	mg/L	05/04/09		JC/EG	SM 5310B
Total Suspended Solids	220	20	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	4.6	0.1	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	500	ug/L	05/02/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-31S

Phoenix I.D.: AR61954

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,1-Dichloroethene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,1-Dichloropropene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2-Dichloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,2-Dichloropropane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
1,3-Dichloropropane	ND	1000	ug/L	05/02/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
2,2-Dichloropropane	ND	1000	ug/L	05/02/09		R/J	SW8260
2-Chlorotoluene	ND	1000	ug/L	05/02/09		R/J	SW8260
2-Hexanone	ND	5000	ug/L	05/02/09		R/J	SW8260
2-Isopropyltoluene	ND	1000	ug/L	05/02/09		R/J	SW8260
4-Chlorotoluene	ND	1000	ug/L	05/02/09		R/J	SW8260
4-Methyl-2-pentanone	80000	25000	ug/L	05/02/09		R/J	SW8260
Acetone	ND	50000	ug/L	05/02/09		R/J	SW8260
Acrylonitrile	ND	5000	ug/L	05/02/09		R/J	SW8260
Benzene	ND	1000	ug/L	05/02/09		R/J	SW8260
Bromobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
Bromochloromethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Bromodichloromethane	ND	500	ug/L	05/02/09		R/J	SW8260
Bromoform	ND	1000	ug/L	05/02/09		R/J	SW8260
Bromomethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Carbon Disulfide	ND	5000	ug/L	05/02/09		R/J	SW8260
Carbon tetrachloride	ND	1000	ug/L	05/02/09		R/J	SW8260
Chlorobenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
Chloroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Chloroform	ND	1000	ug/L	05/02/09		R/J	SW8260
Chloromethane	ND	1000	ug/L	05/02/09		R/J	SW8260
cis-1,2-Dichloroethene	9100	1000	ug/L	05/02/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	500	ug/L	05/02/09		R/J	SW8260
Dibromochloromethane	ND	500	ug/L	05/02/09		R/J	SW8260
Dibromoethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Dibromomethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Dichlorodifluoromethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Ethylbenzene	7800	1000	ug/L	05/02/09		R/J	SW8260
Hexachlorobutadiene	ND	400	ug/L	05/02/09		R/J	SW8260
Isopropylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
m&p-Xylene	15000	1000	ug/L	05/02/09		R/J	SW8260
Methyl ethyl ketone	27000	5000	ug/L	05/02/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1000	ug/L	05/02/09		R/J	SW8260
Methylene chloride	ND	1000	ug/L	05/02/09		R/J	SW8260
Naphthalene	ND	1000	ug/L	05/02/09		R/J	SW8260
n-Butylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
n-Propylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
o-Xylene	6600	1000	ug/L	05/02/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-31S

Phoenix I.D.: AR61954

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1000	ug/L	05/02/09		R/J	SW8260
sec-Butylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
Styrene	ND	1000	ug/L	05/02/09		R/J	SW8260
tert-Butylbenzene	ND	1000	ug/L	05/02/09		R/J	SW8260
Tetrachloroethene	ND	1000	ug/L	05/02/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5000	ug/L	05/02/09		R/J	SW8260
Toluene	30000	1000	ug/L	05/02/09		R/J	SW8260
Total Xylenes	22000	1000	ug/L	05/02/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1000	ug/L	05/02/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	500	ug/L	05/02/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5000	ug/L	05/02/09		R/J	SW8260
Trichloroethene	ND	1000	ug/L	05/02/09		R/J	SW8260
Trichlorofluoromethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1000	ug/L	05/02/09		R/J	SW8260
Vinyl chloride	ND	1000	ug/L	05/02/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/02/09		R/J	SW8260
% Bromofluorobenzene	97		%	05/02/09		R/J	SW8260
% Dibromofluoromethane	104		%	05/02/09		R/J	SW8260
% Toluene-d8	96		%	05/02/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 08, 2009

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	13:15
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61955

Client ID: ENVIRITE LF/THOMASTON MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.010	0.002	mg/L	05/01/09		LK	6010/200.7	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Copper (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Iron (Dissolved)	0.012	0.002	mg/L	05/01/09		LK	6010/200.7	
Manganese (Dissolved)	0.002	0.001	mg/L	05/01/09		LK	6010/200.7	
Sodium (Dissolved)	14.2	0.11	mg/L	05/01/09		LK	6010/200.7	
Nickel (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Zinc (Dissolved)	0.004	0.002	mg/L	05/01/09		LK	6010/200.7	
Chloride	7.0	3.0	mg/L	04/30/09		B/E/G	300.0	
Conductivity	111	2.0	umhos/cm	04/30/09		JC	SM2510B	
Ammonia as Nitrogen	0.09	0.02	mg/L	04/30/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	8:47	B/E/G	300.0	
Nitrate as Nitrogen	1.4	0.05	mg/L	04/30/09	8:47	B/E/G	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4	
pH	6.93	0.10	pH	04/30/09	4:37	JC	4500-H B/9040	
Sulfate	11	3.0	mg/L	04/30/09	8:47	B/E/G	300.0	
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010	
Tot. Diss. Solids	74	10	mg/L	04/30/09		C/K/V	SM2540C	
Total Organic Carbon	1.1	1.0	mg/L	05/04/09		JC/EG	SM 5310B	
Total Suspended Solids	160	5.0	mg/L	04/30/09		CL/KDB	SM2540D	
Filtration	Completed			04/29/09		AG	0.45um Filter	
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005	
Tot. Org. Halogens	BDL	0.010	mg/L	05/06/09		OL	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	

Client ID: ENVIRITE LF/THOMASTON MW-33

Phoenix I.D.: AR61955

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-33

Phoenix I.D.: AR61955

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	95		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	100		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	15:00
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61956

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-36

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.052	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	39.1	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	77	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	342	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	8:56	B/E/G	300.0
Nitrate as Nitrogen	0.53	0.05	mg/L	04/30/09	8:56	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.64	0.10	pH	04/30/09	4:40	JC	4500-H B/9040
Sulfate	29	3.0	mg/L	04/30/09	8:56	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	240	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	17	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.013	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-36 Phoenix I.D.: AR61956

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-36

Phoenix I.D.: AR61956

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	105		%	04/30/09		R/J	SW8260
% Toluene-d8	101		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	10:18
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61957

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.069	0.002	mg/L	05/01/09		LK	6010/200.7	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Chromium (Dissolved)	0.002	0.001	mg/L	05/01/09		LK	6010/200.7	
Copper (Dissolved)	0.019	0.001	mg/L	05/01/09		LK	6010/200.7	
Iron (Dissolved)	0.036	0.002	mg/L	05/01/09		LK	6010/200.7	
Manganese (Dissolved)	0.035	0.001	mg/L	05/01/09		LK	6010/200.7	
Sodium (Dissolved)	27.7	0.11	mg/L	05/01/09		LK	6010/200.7	
Nickel (Dissolved)	0.006	0.001	mg/L	05/01/09		LK	6010/200.7	
Zinc (Dissolved)	0.067	0.002	mg/L	05/01/09		LK	6010/200.7	
Chloride	52	3.0	mg/L	04/30/09		B/E/G	300.0	
Conductivity	355	2.0	umhos/cm	04/30/09		JC	SM2510B	
Ammonia as Nitrogen	0.04	0.02	mg/L	04/30/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	9:06	B/E/G	300.0	
Nitrate as Nitrogen	3.6	0.05	mg/L	04/30/09	9:06	B/E/G	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4	
pH	6.45	0.10	pH	04/30/09	4:43	JC	4500-H B/9040	
Sulfate	58	3.0	mg/L	04/30/09	9:06	B/E/G	300.0	
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010	
Tot. Diss. Solids	240	10	mg/L	04/30/09		C/K/V	SM2540C	
Total Organic Carbon	3.5	1.0	mg/L	04/30/09		EG	SM 5310B	
Total Suspended Solids	230	5.0	mg/L	04/30/09		CL/KDB	SM2540D	
Filtration	Completed			04/29/09		AG	0.45um Filter	
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005	
Tot. Org. Halogens	0.091	0.010	mg/L	05/06/09		OL	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	

Client ID: ENVIRITE LF/THOMASTON MW-41S

Phoenix I.D.: AR61957

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	10	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-41S

Phoenix I.D.: AR61957

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	4.1	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	5.8	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	96		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	98		%	04/30/09		R/J	SW8260
% Toluene-d8	94		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	10:13
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61958

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.072	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.006	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	1.41	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	49.2	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.007	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	87	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	644	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	9:15	B/E/G	300.0
Nitrate as Nitrogen	7.6	0.10	mg/L	04/30/09	21:03	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.57	0.10	pH	04/30/09	4:46	JC	4500-H B/9040
Sulfate	110	6.0	mg/L	04/30/09	21:03	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	420	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	1.5	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	130	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.170	0.010	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-41D
Phoenix I.D.: AR61958

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	44	5.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-41D

Phoenix I.D.: AR61958

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	14	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	24	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	1.9	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	103		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	10:05
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61959

Client ID: ENVIRITE LF/THOMASTON MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.050	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.016	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.009	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	38.1	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.005	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.015	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	130	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	1080	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	0.07	0.01	mg/L	04/30/09	9:24	B/E/G	300.0
Nitrate as Nitrogen	18	0.50	mg/L	04/30/09	21:21	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	7.07	0.10	pH	04/30/09	4:50	JC	4500-H B/9040
Sulfate	300	30	mg/L	04/30/09	21:21	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	930	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	1.4	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	50	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.049	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-41B

Phoenix I.D.: AR61959

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	73	5.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-41B

Phoenix I.D.: AR61959

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	4.0	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	18	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	102		%	04/30/09		R/J	SW8260
% Toluene-d8	97		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director

May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	10:55
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61960

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.069	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.023	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.004	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.005	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	58.8	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.045	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.113	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	93	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	750	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.08	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	10:18	B/E/G	300.0
Nitrate as Nitrogen	12	0.25	mg/L	04/30/09	21:40	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.49	0.10	pH	04/30/09	4:54	JC	4500-H B/9040
Sulfate	150	6.0	mg/L	04/30/09	21:30	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	500	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	2.6	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	77	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.080	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-42S
Phoenix I.D.: AR61960

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	6.9	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-42S

Phoenix I.D.: AR61960

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	7.0	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	8.0	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	99		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	102		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	10:55
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61961

Client ID: ENVIRITE LF/THOMASTON MW-42S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.069	0.002	mg/L	05/01/09		LK	6010/200.7	
Cadmium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Chromium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7	
Copper (Dissolved)	0.019	0.001	mg/L	05/01/09		LK	6010/200.7	
Iron (Dissolved)	0.014	0.002	mg/L	05/01/09		LK	6010/200.7	
Manganese (Dissolved)	0.008	0.001	mg/L	05/01/09		LK	6010/200.7	
Sodium (Dissolved)	57.6	0.11	mg/L	05/01/09		LK	6010/200.7	
Nickel (Dissolved)	0.045	0.001	mg/L	05/01/09		LK	6010/200.7	
Zinc (Dissolved)	0.124	0.002	mg/L	05/01/09		LK	6010/200.7	
Chloride	94	6.0	mg/L	04/30/09		B/G	300.0	
Conductivity	721	2.0	umhos/cm	04/30/09		JC	SM2510B	
Ammonia as Nitrogen	0.06	0.02	mg/L	04/30/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	10:28	B/E/G	300.0	
Nitrate as Nitrogen	12	0.25	mg/L	04/30/09	22:07	B/G	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4	
pH	6.36	0.10	pH	04/30/09	4:57	JC	4500-H B/9040	
Sulfate	150	6.0	mg/L	04/30/09	21:58	B/G	300.0	
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010	
Tot. Diss. Solids	490	10	mg/L	04/30/09		C/K/V	SM2540C	
Total Organic Carbon	2.3	1.0	mg/L	04/30/09		EG	SM 5310B	
Total Suspended Solids	80	5.0	mg/L	04/30/09		CL/KDB	SM2540D	
Filtration	Completed			04/29/09		AG	0.45um Filter	
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005	
Tot. Org. Halogens	0.025	0.010	mg/L	05/06/09		OL	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260	

Client ID: ENVIRITE LF/THOMASTON MW-42S DUP — Phoenix I.D.: AR61961

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	7.0	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-42S DUP — Phoenix I.D.: AR61961

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	6.5	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	7.5	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	108		%	04/30/09		R/J	SW8260
% Toluene-d8	98		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

DUPLICATE INCLUDED
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	11:45
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61962

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.035	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.029	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.018	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.236	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	194	1.1	mg/L	05/04/09		EK	6010/200.7
Nickel (Dissolved)	0.024	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.055	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	300	30	mg/L	04/30/09		B/G	300.0
Conductivity	1650	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	04/30/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	10:37	B/E/G	300.0
Nitrate as Nitrogen	54	0.50	mg/L	04/30/09	22:16	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.08	0.10	pH	04/30/09	5:00	JC	4500-H B/9040
Sulfate	260	30	mg/L	04/30/09	22:16	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		GD	335.4/9010
Tot. Diss. Solids	1200	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	2.4	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	60	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.023	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-43S
Phoenix I.D.: AR61962

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	5.0	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-43S

Phoenix I.D.: AR61962

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	14	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	5.4	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	104		%	04/30/09		R/J	SW8260
% Toluene-d8	94		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	11:35
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61963

Client ID: ENVIRITE LF/THOMASTON MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.025	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	0.005	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.320	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.006	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.789	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	154	1.1	mg/L	05/04/09		EK	6010/200.7
Nickel (Dissolved)	0.093	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.347	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	270	30	mg/L	04/30/09		B/G	300.0
Conductivity	1550	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.4	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	10:46	B/E/G	300.0
Nitrate as Nitrogen	44	0.50	mg/L	04/30/09	22:34	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	5.95	0.10	pH	04/30/09	5:03	JC	4500-H B/9040
Sulfate	250	30	mg/L	04/30/09	22:34	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		E/G	335.4/9010
Tot. Diss. Solids	1100	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	2.0	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	31	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.045	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-43D

Phoenix I.D.: AR61963

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	29	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-43D

Phoenix I.D.: AR61963

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	13	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	19	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	109		%	04/30/09		R/J	SW8260
% Toluene-d8	98		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

PHOENIX
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	15:30
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61964

Client ID: ENVIRITE LF/THOMASTON MW-44D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.040	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.004	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.008	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.022	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	44.4	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.024	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	74	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	417	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	10:55	B/E/G	300.0
Nitrate as Nitrogen	3.2	0.05	mg/L	04/30/09	10:55	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.88	0.10	pH	04/30/09	5:09	JC	4500-H B/9040
Sulfate	42	3.0	mg/L	04/30/09	10:55	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		E/G	335.4/9010
Tot. Diss. Solids	280	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	1.0	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	12	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.016	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-44D
Phoenix I.D.: AR61964

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	5.4	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-44D

Phoenix I.D.: AR61964

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	8.0	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	5.8	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	104		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	12:50
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61965

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.016	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	0.004	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	0.003	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	0.341	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	75.4	1.1	mg/L	05/04/09		EK	6010/200.7
Nickel (Dissolved)	0.022	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.059	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	110	6.0	mg/L	04/30/09		B/G	300.0
Conductivity	680	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.07	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	11:04	B/E/G	300.0
Nitrate as Nitrogen	7.3	0.10	mg/L	04/30/09	23:02	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	9.06	0.10	pH	04/30/09	5:39	JC	4500-H B/9040
Sulfate	86	6.0	mg/L	04/30/09	23:02	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		E/G	335.4/9010
Tot. Diss. Solids	410	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	0.043	0.010	mg/L	05/06/09		OL	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-44B

Phoenix I.D.: AR61965

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	21	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON MW-44B

Phoenix I.D.: AR61965

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	9.2	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	24	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	110		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	108		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	12:50
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61966

Client ID: ENVIRITE LF/THOMASTON TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	05/01/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	05/01/09		LK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Sodium (Dissolved)	0.12	0.11	mg/L	05/01/09		LK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	05/01/09		LK	6010/200.7
Zinc (Dissolved)	0.002	0.002	mg/L	05/01/09		LK	6010/200.7
Chloride	< 3.0	3.0	mg/L	04/30/09		B/E/G	300.0
Conductivity	2.3	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	11:13	B/E/G	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	04/30/09	11:13	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	6.98	0.10	pH	04/30/09	5:42	JC	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	04/30/09	11:13	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	05/05/09		C/G	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Filtration	Completed			04/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			04/29/09		AG	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON TRIP BLANK
Phoenix I.D.: AR61966

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON TRIP BLANK

Phoenix I.D.: AR61966

Parameter	Result	RL	Units	Date	Time	By	Reference
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	95		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	101		%	04/30/09		R/J	SW8260
% Toluene-d8	97		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

TRIP BLANK INCLUDED
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 08, 2009

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
NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	12:50
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61967

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON FIELD BLANK

Phoenix I.D.: AR61967

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	104		%	04/30/09		R/J	SW8260
% Toluene-d8	96		%	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON FIELD BLANK

Phoenix I.D.: AR61967

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

FIELD BLANK INCLUDED
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	12:50
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61968

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON EQUIPMENT BLANK
Phoenix I.D.: AR61968

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	109		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	97		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	108		%	04/30/09		R/J	SW8260
% Toluene-d8	97		%	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON EQUIPMENT BLANK — Phoenix I.D.: AR61968

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

EQUIPMENT BLANK INCLUDED
The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	15:15
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG I.D.: GAR61953
Phoenix I.D.: AR61969

Client ID: ENVIRITE LF/THOMASTON SW-UP

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloride	19	3.0	mg/L	04/30/09		B/E/G	300.0
Conductivity	118	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	11:22	B/E/G	300.0
Nitrate as Nitrogen	0.16	0.05	mg/L	04/30/09	11:22	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	7.03	0.10	pH	04/30/09	5:45	JC	4500-H B/9040
Sulfate	8.1	3.0	mg/L	04/30/09	11:22	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		E/G	335.4/9010
Tot. Diss. Solids	82	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	2.2	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	12	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Tot. Org. Halogens	0.016	0.010	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1;1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON SW-UP

Phoenix I.D.: AR61969

Parameter	Result	RL	Units	Date	Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON SW-UP

Phoenix I.D.: AR61969

Parameter	Result	RL	Units	Date	Time	By	Reference
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	101		%	04/30/09		R/J	SW8260
% Toluene-d8	97		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director

May 08, 2009

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 NY # 11301

Analysis Report

May 08, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		04/28/09	15:30
Location Code:	VHB	Received by:	LB	04/29/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

SDG I.D.: GAR61953
Phoenix I.D.: AR61970

Laboratory Data

Client ID: ENVIRITE LF/THOMASTON SW-DN

Parameter	Result	RL	Units	Date	Time	By	Reference
Chloride	19	3.0	mg/L	04/30/09		B/E/G	300.0
Conductivity	118	2.0	umhos/cm	04/30/09		JC	SM2510B
Ammonia as Nitrogen	0.07	0.02	mg/L	05/04/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	04/30/09	11:31	B/E/G	300.0
Nitrate as Nitrogen	0.15	0.05	mg/L	04/30/09	11:31	B/E/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	05/04/09		LK	E420.4
pH	7.08	0.10	pH	04/30/09	5:48	JC	4500-H B/9040
Sulfate	8.1	3.0	mg/L	04/30/09	11:31	B/E/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	04/30/09		E/G	335.4/9010
Tot. Diss. Solids	81	10	mg/L	04/30/09		C/K/V	SM2540C
Total Organic Carbon	2.5	1.0	mg/L	04/30/09		EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	04/30/09		CL/KDB	SM2540D
Tot. Org. Halogens	BDL	0.010	mg/L	05/06/09		OL	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON SW-DN
Phoenix I.D.: AR61970

Parameter	Result	RL	Units	Date	Time	By	Reference
1,3,5-Trimethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Acetone	ND	50	ug/L	04/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	04/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	04/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	04/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	04/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	04/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	04/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	04/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	04/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	04/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	04/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	04/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	04/30/09		R/J	SW8260

Client ID: ENVIRITE LF/THOMASTON SW-DN

Phoenix I.D.: AR61970

Parameter	Result	RL	Units	Date	Time	By	Reference
Trichloroethene	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	04/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	04/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	04/30/09		R/J	SW8260
% Bromofluorobenzene	98		%	04/30/09		R/J	SW8260
% Dibromofluoromethane	113		%	04/30/09		R/J	SW8260
% Toluene-d8	100		%	04/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 08, 2009

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

May 11, 2009

SDG I.D.: GAR61953

QA/QC Data

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 125882, QC Sample No: AR61597 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966)								
ICP Metals - Dissolved								
Barium	BDL	0.10	88.0	86.4	1.8	92.2	90.1	2.3
Cadmium	BDL	NC	86.4	84.4	2.3	91.2	88.6	2.9
Chromium	BDL	NC	87.6	85.6	2.3	93.3	90.5	3.0
Copper	BDL	NC	87.7	86.0	2.0	94.6	92.0	2.8
Iron	BDL	64.0	84.7	82.5	2.6	86.9	83.7	3.8
Manganese	BDL	NC	88.6	86.8	2.1	93.8	91.1	2.9
Nickel	BDL	NC	86.9	84.7	2.6	92.0	89.6	2.6
Sodium	BDL	0.40	93.6	87.9	6.3	97.5	101	3.5
Zinc	BDL	NC	86.8	84.9	2.2	93.3	91.1	2.4

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 11, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 11, 2009

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 126005, QC Sample No: AR57352 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964)								
Total Cyanide	BDL		103			109		
QA/QC Batch 126092, QC Sample No: AR61554 (AR61953, AR61954, AR61955)								
Total Organic Carbon	BDL	3.70	96.1			112		
QA/QC Batch 125982, QC Sample No: AR61678 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962)								
Ammonia as Nitrogen	BDL	0.59	93.2			99.3		
QA/QC Batch 126008, QC Sample No: AR61853 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Tot. Diss. Solids	BDL	1.98	97.4					
QA/QC Batch 126109, QC Sample No: AR61904 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959)								
Chloride	BDL	NC	96.8			98.2		
QA/QC Batch 126111, QC Sample No: AR61904 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959)								
Nitrate as Nitrogen	BDL	NC	99.2			97.8		
QA/QC Batch 126110, QC Sample No: AR61904 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959)								
Nitrite as Nitrogen	BDL	NC	90.1			98.3		
QA/QC Batch 126112, QC Sample No: AR61904 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959)								
Sulfate	BDL	NC	95.8			97.8		
QA/QC Batch 126316, QC Sample No: AR61953 (AR61953, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Phenolics	BDL	NC	97.0			97.0		
QA/QC Batch 126009, QC Sample No: AR61953 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Total Suspended Solids	BDL	NC	108					
QA/QC Batch 126038, QC Sample No: AR61964 (AR61953, AR61954, AR61955, AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964)								
Conductivity	BDL	1.00	96.4					
QA/QC Batch 126094, QC Sample No: AR61964 (AR61956, AR61957, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Total Organic Carbon	BDL	NC	104			105		
QA/QC Batch 126322, QC Sample No: AR62071 (AR61966)								
Total Cyanide	BDL	NC	95.6			97.0		
QA/QC Batch 126113, QC Sample No: AR62110 (AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Chloride	BDL		98.5					
QA/QC Batch 126114, QC Sample No: AR62110 (AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Nitrite as Nitrogen	BDL		91.1					

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 126116, QC Sample No: AR62110 (AR61960, AR61961, AR61962, AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Sulfate	BDL	0	95.0			100		
QA/QC Batch 126039, QC Sample No: AR62112 (AR61965, AR61966, AR61969, AR61970)								
Conductivity	BDL	0	0.20					
QA/QC Batch 126098, QC Sample No: AR62141 (AR61963, AR61964, AR61965, AR61966, AR61969, AR61970)								
Ammonia as Nitrogen	BDL	8.80	104			112		
QA/QC Batch 126126, QC Sample No: AR62141 (AR61954, AR61956, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965)								
Chloride	BDL	NC	94.6			98.1		
QA/QC Batch 126129, QC Sample No: AR62141 (AR61954, AR61956, AR61958, AR61959, AR61960, AR61961, AR61962, AR61963, AR61964, AR61965)								
Sulfate	BDL	0	95.4			105		
QA/QC Batch 126070, QC Sample No: AR62379 (AR61963, AR61964, AR61965, AR61969, AR61970)								
Total Cyanide	BDL		96.1			98.3		

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 11, 2009

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NY # 11301

QA/QC Report

May 11, 2009

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 126050, QC Sample No: AR61652 (AR61953, AR61956)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	82	79	3.7	86	86	0.0
1,1,1-Trichloroethane	ND	82	76	7.6	94	89	5.5
1,1,2,2-Tetrachloroethane	ND	104	101	2.9	103	102	1.0
1,1,2-Trichloroethane	ND	101	106	4.8	110	106	3.7
1,1-Dichloroethane	ND	89	84	5.8	101	98	3.0
1,1-Dichloroethene	ND	82	76	7.6	94	92	2.2
1,1-Dichloropropene	ND	76	77	1.3	96	90	6.5
1,2,3-Trichlorobenzene	ND	104	102	1.9	89	98	9.6
1,2,3-Trichloropropane	ND	112	113	0.9	105	102	2.9
1,2,4-Trichlorobenzene	ND	98	97	1.0	92	97	5.3
1,2,4-Trimethylbenzene	ND	81	77	5.1	91	88	3.4
1,2-Dibromo-3-chloropropane	ND	85	86	1.2	74	77	4.0
1,2-Dichlorobenzene	ND	96	94	2.1	102	100	2.0
1,2-Dichloroethane	ND	101	101	0.0	105	101	3.9
1,2-Dichloropropane	ND	93	91	2.2	103	99	4.0
1,3,5-Trimethylbenzene	ND	76	72	5.4	88	85	3.5
1,3-Dichlorobenzene	ND	88	84	4.7	95	93	2.1
1,3-Dichloropropane	ND	102	101	1.0	104	103	1.0
1,4-Dichlorobenzene	ND	87	83	4.7	94	92	2.2
2,2-Dichloropropane	ND	74	<70	NC	68	64	6.1
2-Chlorotoluene	ND	78	75	3.9	91	86	5.6
2-Hexanone	ND	98	96	2.1	94	87	7.7
2-Isopropyltoluene	ND	80	76	5.1	92	87	5.6
4-Chlorotoluene	ND	87	84	3.5	98	93	5.2
4-Methyl-2-pentanone	ND	114	119	4.3	113	108	4.5
Acetone	ND	111	106	4.6	106	105	0.9
Acrylonitrile	ND	112	112	0.0	99	101	2.0
Benzene	ND	82	78	5.0	95	90	5.4
Bromobenzene	ND	93	92	1.1	100	98	2.0
Bromochloromethane	ND	100	96	4.1	102	102	0.0
Bromodichloromethane	ND	91	90	1.1	93	91	2.2
Bromoform	ND	82	86	4.8	78	84	7.4
Bromomethane	ND	80	76	5.1	86	89	3.4
Carbon Disulfide	ND	82	76	7.6	96	96	0.0
Carbon tetrachloride	ND	74	70	5.6	82	78	5.0
Chlorobenzene	ND	85	82	3.6	97	92	5.3
Chloroethane	ND	89	72	21.1	91	97	6.4
Chloroform	ND	88	83	5.8	100	96	4.1

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloromethane	ND	102	97	5.0	103	105	1.9
cis-1,2-Dichloroethene	ND	89	83	7.0	98	95	3.1
cis-1,3-Dichloropropene	ND	89	89	0.0	91	91	0.0
Dibromochloromethane	ND	84	85	1.2	83	87	4.7
Dibromoethane	ND	108	108	0.0	107	107	0.0
Dibromomethane	ND	107	108	0.9	111	108	2.7
Dichlorodifluoromethane	ND	122	106	14.0	85	82	3.6
Ethylbenzene	ND	80	77	3.8	95	90	5.4
Hexachlorobutadiene	ND	73	<70	NC	80	79	1.3
Isopropylbenzene	ND	74	71	4.1	92	88	4.4
m&p-Xylene	ND	80	76	5.1	94	89	5.5
Methyl ethyl ketone	ND	111	123	10.3	115	117	1.7
Methyl t-butyl ether (MTBE)	ND	102	100	2.0	96	98	2.1
Methylene chloride	ND	101	100	1.0	98	101	3.0
Naphthalene	ND	102	105	2.9	84	96	13.3
n-Butylbenzene	ND	82	77	6.3	92	88	4.4
n-Propylbenzene	ND	79	74	6.5	92	87	5.6
o-Xylene	ND	82	80	2.5	96	92	4.3
p-Isopropyltoluene	ND	80	75	6.5	90	86	4.5
sec-Butylbenzene	ND	79	75	5.2	93	88	5.5
Styrene	ND	88	84	4.7	100	96	4.1
tert-Butylbenzene	ND	75	71	5.5	88	83	5.8
Tetrachloroethene	ND	79	73	7.9	92	87	5.6
Tetrahydrofuran (THF)	ND	105	108	2.8	98	102	4.0
Toluene	ND	83	79	4.9	96	91	5.3
trans-1,2-Dichloroethene	ND	86	80	7.2	96	96	0.0
trans-1,3-Dichloropropene	ND	97	95	2.1	91	91	0.0
trans-1,4-dichloro-2-butene	ND	95	97	2.1	79	79	0.0
Trichloroethene	ND	81	78	3.8	96	91	5.3
Trichlorofluoromethane	ND	92	86	6.7	96	92	4.3
Trichlorotrifluoroethane	ND	91	82	10.4	94	91	3.2
Vinyl chloride	ND	96	88	8.7	100	97	3.0
% 1,2-dichlorobenzene-d4	109	108	108	0.0	107	107	0.0
% Bromofluorobenzene	96	103	102	1.0	102	104	1.9
% Dibromofluoromethane	106	108	107	0.9	104	104	0.0
% Toluene-d8	100	100	99	1.0	100	99	1.0

Comment:
A blank MS/MSD was analyzed with this batch.

QA/QC Batch 126057, QC Sample No: AR61749 (AR61955, AR61957)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	85	88	3.5	94	94	0.0
1,1,1-Trichloroethane	ND	88	88	0.0	106	101	4.8
1,1,2,2-Tetrachloroethane	ND	94	99	5.2	100	101	1.0
1,1,2-Trichloroethane	ND	103	108	4.7	108	106	1.9
1,1-Dichloroethane	ND	95	94	1.1	113	108	4.5
1,1-Dichloroethene	ND	89	88	1.1	111	104	6.5
1,1-Dichloropropene	ND	82	82	0.0	101	97	4.0
1,2,3-Trichlorobenzene	ND	101	103	2.0	77	103	28.9

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,2,3-Trichloropropane	ND	105	112	6.5	102	104	1.9	
1,2,4-Trichlorobenzene	ND	95	95	0.0	87	98	11.9	
1,2,4-Trimethylbenzene	ND	88	88	0.0	102	100	2.0	
1,2-Dibromo-3-chloropropane	ND	93	96	3.2	87	92	5.6	
1,2-Dichlorobenzene	ND	96	97	1.0	103	103	0.0	
1,2-Dichloroethane	ND	104	101	2.9	105	104	1.0	
1,2-Dichloropropane	ND	98	98	0.0	109	108	0.9	
1,3,5-Trimethylbenzene	ND	85	84	1.2	101	99	2.0	
1,3-Dichlorobenzene	ND	96	97	1.0	107	106	0.9	
1,3-Dichloropropane	ND	98	102	4.0	105	103	1.9	
1,4-Dichlorobenzene	ND	93	94	1.1	107	103	3.8	
2,2-Dichloropropane	ND	78	75	3.9	78	72	8.0	
2-Chlorotoluene	ND	86	88	2.3	104	103	1.0	
2-Hexanone	ND	97	89	8.6	82	89	8.2	
2-Isopropyltoluene	ND	88	88	0.0	103	101	2.0	
4-Chlorotoluene	ND	89	89	0.0	105	101	3.9	
4-Methyl-2-pentanone	ND	106	110	3.7	109	106	2.8	
Acetone	ND	100	105	4.9	104	99	4.9	
Acrylonitrile	ND	109	104	4.7	104	97	7.0	
Benzene	ND	92	92	0.0	108	105	2.8	
Bromobenzene	ND	92	96	4.3	107	107	0.0	
Bromochloromethane	ND	99	99	0.0	107	104	2.8	
Bromodichloromethane	ND	95	96	1.0	98	98	0.0	
Bromoform	ND	81	83	2.4	80	87	8.4	
Bromomethane	ND	87	90	3.4	113	106	6.4	
Carbon Disulfide	ND	86	85	1.2	110	103	6.6	
Carbon tetrachloride	ND	82	82	0.0	96	93	3.2	
Chlorobenzene	ND	91	90	1.1	105	103	1.9	
Chloroethane	ND	98	96	2.1	118	111	6.1	
Chloroform	ND	96	93	3.2	111	107	3.7	
Chloromethane	ND	120	126	4.9	131	124	5.5	3
cis-1,2-Dichloroethene	ND	93	91	2.2	107	103	3.8	
cis-1,3-Dichloropropene	ND	89	87	2.3	92	92	0.0	
Dibromochloromethane	ND	87	89	2.3	89	93	4.4	
Dibromoethane	ND	105	110	4.7	103	107	3.8	
Dibromomethane	ND	105	105	0.0	106	107	0.9	
Dichlorodifluoromethane	ND	>130	>130	NC	108	97	10.7	
Ethylbenzene	ND	88	89	1.1	107	103	3.8	
Hexachlorobutadiene	ND	84	84	0.0	97	96	1.0	
Isopropylbenzene	ND	82	84	2.4	105	103	1.9	
m&p-Xylene	ND	90	88	2.2	108	102	5.7	
Methyl ethyl ketone	ND	98	102	4.0	100	97	3.0	
Methyl t-butyl ether (MTBE)	ND	102	102	0.0	100	99	1.0	
Methylene chloride	ND	103	102	1.0	114	108	5.4	
Naphthalene	ND	88	90	2.2	70	92	27.2	
n-Butylbenzene	ND	87	88	1.1	105	100	4.9	
n-Propylbenzene	ND	87	88	1.1	105	102	2.9	
o-Xylene	ND	93	92	1.1	108	104	3.8	
p-Isopropyltoluene	ND	87	88	1.1	104	100	3.9	

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
sec-Butylbenzene	ND	85	85	0.0	103	101	2.0	
Styrene	ND	96	95	1.0	110	105	4.7	
tert-Butylbenzene	ND	82	83	1.2	100	98	2.0	
Tetrachloroethene	ND	87	85	2.3	108	103	4.7	
Tetrahydrofuran (THF)	ND	103	105	1.9	96	92	4.3	
Toluene	ND	90	89	1.1	105	100	4.9	
trans-1,2-Dichloroethene	ND	96	92	4.3	113	105	7.3	
trans-1,3-Dichloropropene	ND	97	99	2.0	94	96	2.1	
trans-1,4-dichloro-2-butene	ND	83	91	9.2	76	81	6.4	
Trichloroethene	ND	89	88	1.1	107	100	6.8	
Trichlorofluoromethane	ND	99	96	3.1	114	104	9.2	
Trichlorotrifluoroethane	ND	96	92	4.3	111	102	8.5	
Vinyl chloride	ND	112	108	3.6	124	115	7.5	
% 1,2-dichlorobenzene-d4	103	101	101	0.0	97	99	2.0	
% Bromofluorobenzene	97	103	102	1.0	104	104	0.0	
% Dibromofluoromethane	106	105	100	4.9	105	100	4.9	
% Toluene-d8	95	99	97	2.0	97	97	0.0	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 126460, QC Sample No: AR61942 (ar61954, ar61958, ar61959, ar61960, ar61961, ar61962, ar61963, ar61964, ar61965, ar61966, ar61967, ar61968, ar61969, ar61970)

Volatiles

1,1,1,2-Tetrachloroethane	ND	85	90	5.7	83	86	3.6	
1,1,1-Trichloroethane	ND	88	97	9.7	92	93	1.1	
1,1,2,2-Tetrachloroethane	ND	100	99	1.0	105	106	0.9	
1,1,2-Trichloroethane	ND	108	104	3.8	109	106	2.8	
1,1-Dichloroethane	ND	95	103	8.1	99	98	1.0	
1,1-Dichloroethene	ND	92	102	10.3	101	102	1.0	
1,1-Dichloropropene	ND	92	98	6.3	100	101	1.0	
1,2,3-Trichlorobenzene	ND	104	109	4.7	92	103	11.3	
1,2,3-Trichloropropane	ND	112	112	0.0	109	107	1.9	
1,2,4-Trichlorobenzene	ND	101	103	2.0	95	102	7.1	
1,2,4-Trimethylbenzene	ND	85	92	7.9	90	92	2.2	
1,2-Dibromo-3-chloropropane	ND	84	88	4.7	76	82	7.6	
1,2-Dichlorobenzene	ND	99	101	2.0	102	101	1.0	
1,2-Dichloroethane	ND	105	105	0.0	106	102	3.8	
1,2-Dichloropropane	ND	97	102	5.0	102	101	1.0	
1,3,5-Trimethylbenzene	ND	82	88	7.1	88	89	1.1	
1,3-Dichlorobenzene	ND	92	96	4.3	95	94	1.1	
1,3-Dichloropropane	ND	103	104	1.0	105	103	1.9	
1,4-Dichlorobenzene	ND	90	94	4.3	94	94	0.0	
2,2-Dichloropropane	ND	<70	<70	NC	47	47	0.0	3
2-Chlorotoluene	ND	83	89	7.0	90	90	0.0	
2-Hexanone	ND	102	94	8.2	101	100	1.0	
2-Isopropyltoluene	ND	85	91	6.8	91	93	2.2	
4-Chlorotoluene	ND	94	97	3.1	94	96	2.1	
4-Methyl-2-pentanone	ND	110	108	1.8	139	115	18.9	
Acetone	ND	114	111	2.7	116	114	1.7	
Acrylonitrile	ND	104	108	3.8	104	101	2.9	

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Benzene	ND	88	93	5.5	95	94	1.1	
Bromobenzene	ND	98	99	3.1	103	102	1.0	
Bromochloromethane	ND	102	103	1.0	104	100	3.9	
Bromodichloromethane	ND	94	97	3.1	90	92	2.2	
Bromoform	ND	83	85	2.4	77	81	5.1	
Bromomethane	ND	91	96	5.3	93	99	6.3	
Carbon Disulfide	ND	90	100	10.5	103	104	1.0	
Carbon tetrachloride	ND	82	90	9.3	81	86	6.0	
Chlorobenzene	ND	91	96	5.3	96	95	1.0	
Chloroethane	ND	98	102	4.0	83	102	20.5	
Chloroform	ND	93	99	6.3	98	96	2.1	
Chloromethane	ND	109	128	16.0	121	<30	NC	3
cis-1,2-Dichloroethene	ND	92	98	6.3	99	96	3.1	
cis-1,3-Dichloropropene	ND	84	90	6.9	87	88	1.1	
Dibromochloromethane	ND	87	89	2.3	82	88	7.1	
Dibromoethane	ND	108	108	0.0	110	113	2.7	
Dibromomethane	ND	109	112	2.7	112	109	2.7	
Dichlorodifluoromethane	ND	118	>130	NC	58	54	7.1	3
Ethylbenzene	ND	88	93	5.5	94	93	1.1	
Hexachlorobutadiene	ND	78	85	8.6	78	84	7.4	
Isopropylbenzene	ND	80	88	9.5	93	94	1.1	
m&p-Xylene	ND	87	92	5.6	94	92	2.2	
Methyl ethyl ketone	ND	114	111	2.7	126	115	9.1	
Methyl t-butyl ether (MTBE)	ND	101	100	1.0	102	98	4.0	
Methylene chloride	ND	99	103	4.0	104	100	3.9	
Naphthalene	ND	107	111	3.7	99	107	7.8	
n-Butylbenzene	ND	87	96	9.8	91	93	2.2	
n-Propylbenzene	ND	86	93	7.8	91	92	1.1	
o-Xylene	ND	90	94	4.3	94	94	0.0	
p-Isopropyltoluene	ND	85	92	7.9	89	91	2.2	
sec-Butylbenzene	ND	86	93	7.8	93	95	2.1	
Styrene	ND	94	98	4.2	98	98	0.0	
tert-Butylbenzene	ND	81	89	9.4	89	90	1.1	
Tetrachloroethene	ND	85	92	7.9	91	92	1.1	
Tetrahydrofuran (THF)	ND	106	105	0.9	99	96	3.1	
Toluene	ND	89	97	8.6	97	96	1.0	
trans-1,2-Dichloroethene	ND	96	103	7.0	100	96	4.1	
trans-1,3-Dichloropropene	ND	91	94	3.2	85	86	1.2	
trans-1,4-dichloro-2-butene	ND	80	80	0.0	68	72	5.7	
Trichloroethene	ND	89	96	7.6	97	97	0.0	
Trichlorofluoromethane	ND	103	116	11.9	108	107	0.9	
Trichlorotrifluoroethane	ND	95	109	13.7	103	103	0.0	
Vinyl chloride	ND	110	109	0.9	88	116	27.5	
% 1,2-dichlorobenzene-d4	107	107	107	0.0	106	107	0.9	
% Bromofluorobenzene	98	104	103	1.0	101	100	1.0	
% Dibromofluoromethane	104	105	110	4.7	104	104	0.0	
% Toluene-d8	99	98	99	1.0	98	99	1.0	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAR61953

QA/QC Batch 126102, QC Sample No: AR62141 (ar61959)

Volatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,1,1,2-Tetrachloroethane	ND	106	102	3.8	106	113	6.4	
1,1,1-Trichloroethane	ND	122	116	5.0	121	129	6.4	
1,1,2,2-Tetrachloroethane	ND	73	<70	NC	75	75	0.0	
1,1,2-Trichloroethane	ND	90	88	2.2	90	96	6.5	
1,1-Dichloroethane	ND	101	97	4.0	100	101	1.0	
1,1-Dichloroethene	ND	99	99	0.0	114	108	5.4	
1,1-Dichloropropene	ND	114	115	0.9	125	132	5.4	3
1,2,3-Trichlorobenzene	ND	96	88	8.7	102	103	1.0	
1,2,3-Trichloropropane	ND	97	91	6.4	90	92	2.2	
1,2,4-Trichlorobenzene	ND	98	94	4.2	111	113	1.8	
1,2,4-Trimethylbenzene	ND	103	99	4.0	107	108	0.9	
1,2-Dibromo-3-chloropropane	ND	74	86	15.0	86	93	7.8	
1,2-Dichlorobenzene	ND	91	86	5.6	96	96	0.0	
1,2-Dichloroethane	ND	118	113	4.3	114	122	6.8	
1,2-Dichloropropane	ND	82	82	0.0	85	88	3.5	
1,3,5-Trimethylbenzene	ND	102	98	4.0	104	105	1.0	
1,3-Dichlorobenzene	ND	97	92	5.3	101	101	0.0	
1,3-Dichloropropane	ND	92	87	5.6	92	96	4.3	
1,4-Dichlorobenzene	ND	98	94	4.2	102	105	2.9	
2,2-Dichloropropane	ND	100	98	2.0	113	115	1.8	
2-Chlorotoluene	ND	92	89	3.3	98	97	1.0	
2-Hexanone	ND	75	70	6.9	74	79	6.5	
2-Isopropyltoluene	ND	101	98	3.0	106	108	1.9	
4-Chlorotoluene	ND	93	92	1.1	100	98	2.0	
4-Methyl-2-pentanone	ND	86	86	0.0	96	95	1.0	
Acetone	ND	89	93	4.4	76	88	14.6	
Acrylonitrile	ND	83	83	0.0	71	70	1.4	
Benzene	ND	92	93	1.1	100	105	4.9	
Bromobenzene	ND	95	91	4.3	98	99	1.0	
Bromochloromethane	ND	99	96	3.1	98	105	6.9	
Bromodichloromethane	ND	110	107	2.8	107	114	6.3	
Bromoform	ND	111	104	6.5	111	118	6.1	
Bromomethane	ND	107	98	8.8	101	95	6.1	
Carbon Disulfide	ND	92	90	2.2	109	105	3.7	
Carbon tetrachloride	ND	>130	129	NC	138	148	7.0	3
Chlorobenzene	ND	94	94	0.0	96	100	4.1	
Chloroethane	ND	103	109	5.7	104	84	21.3	
Chloroform	ND	104	101	2.9	103	107	3.8	
Chloromethane	ND	84	80	4.9	87	89	2.3	
cis-1,2-Dichloroethene	ND	99	97	2.0	104	109	4.7	
cis-1,3-Dichloropropene	ND	98	96	2.1	103	111	7.5	
Dibromochloromethane	ND	104	98	5.9	104	107	2.8	
Dibromoethane	ND	97	96	1.0	100	107	6.8	
Dibromomethane	ND	94	91	3.2	96	101	5.1	
Dichlorodifluoromethane	ND	81	>130	NC	118	107	9.8	
Ethylbenzene	ND	102	100	2.0	104	110	5.6	

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Hexachlorobutadiene	ND	105	102	2.9	117	127	8.2
Isopropylbenzene	ND	90	87	3.4	100	100	0.0
m&p-Xylene	ND	106	103	2.9	110	114	3.6
Methyl ethyl ketone	ND	84	71	16.8	58	88	41.1
Methyl t-butyl ether (MTBE)	ND	103	99	4.0	104	109	4.7
Methylene chloride	ND	99	96	3.1	95	94	1.1
Naphthalene	ND	88	82	7.1	98	96	2.1
n-Butylbenzene	ND	106	102	3.8	115	114	0.9
n-Propylbenzene	ND	95	94	1.1	100	101	1.0
o-Xylene	ND	103	100	3.0	106	110	3.7
p-Isopropyltoluene	ND	106	103	2.9	109	110	0.9
sec-Butylbenzene	ND	100	96	4.1	110	111	0.9
Styrene	ND	104	103	1.0	108	113	4.5
tert-Butylbenzene	ND	104	101	2.9	109	110	0.9
Tetrachloroethene	ND	105	103	1.9	115	116	0.9
Tetrahydrofuran (THF)	ND	70	76	8.2	80	86	7.2
Toluene	ND	95	95	0.0	103	107	3.8
trans-1,2-Dichloroethene	ND	100	100	0.0	108	104	3.8
trans-1,3-Dichloropropene	ND	104	105	1.0	110	112	1.8
trans-1,4-dichloro-2-butene	ND	88	81	8.3	84	88	4.7
Trichloroethene	ND	97	99	2.0	107	109	1.9
Trichlorofluoromethane	ND	126	120	4.9	129	127	1.6
Trichlorotrifluoroethane	ND	114	113	0.9	127	126	0.8
Vinyl chloride	ND	91	91	0.0	100	92	8.3
% 1,2-dichlorobenzene-d4	99	94	94	0.0	98	97	1.0
% Bromofluorobenzene	93	105	109	3.7	110	108	1.8
% Dibromofluoromethane	112	118	126	6.6	117	112	4.4
% Toluene-d8	98	99	99	0.0	98	99	1.0
QA/QC Batch 126104, QC Sample No: AR62142 (ar61958)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	113	110	2.7	102	101	1.0
1,1,1-Trichloroethane	ND	107	100	6.8	91	86	5.6
1,1,2,2-Tetrachloroethane	ND	76	76	0.0	82	74	10.3
1,1,2-Trichloroethane	ND	81	78	3.8	73	78	6.6
1,1-Dichloroethane	ND	92	89	3.3	85	79	7.3
1,1-Dichloroethene	ND	90	92	2.2	95	84	12.3
1,1-Dichloropropene	ND	101	101	0.0	99	91	8.4
1,2,3-Trichlorobenzene	ND	94	100	6.2	93	96	3.2
1,2,3-Trichloropropane	ND	99	108	8.7	96	88	8.7
1,2,4-Trichlorobenzene	ND	100	106	5.8	104	99	4.9
1,2,4-Trimethylbenzene	ND	107	108	0.9	106	92	14.1
1,2-Dibromo-3-chloropropane	ND	93	98	5.2	91	83	9.2
1,2-Dichlorobenzene	ND	97	99	2.0	98	88	10.8
1,2-Dichloroethane	ND	112	104	7.4	99	101	2.0
1,2-Dichloropropane	ND	88	74	17.3	86	82	4.8
1,3,5-Trimethylbenzene	ND	105	106	0.9	105	91	14.3
1,3-Dichlorobenzene	ND	101	100	1.0	101	90	11.5
1,3-Dichloropropane	ND	95	90	5.4	101	95	6.1

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,4-Dichlorobenzene	ND	104	102	1.9	103	90	13.5	
2,2-Dichloropropane	ND	90	83	8.1	66	55	18.2	3
2-Chlorotoluene	ND	96	97	1.0	96	86	11.0	
2-Hexanone	ND	82	84	2.4	79	94	17.3	
2-Isopropyltoluene	ND	105	105	0.0	103	90	13.5	
4-Chlorotoluene	ND	101	100	1.0	97	90	7.5	
4-Methyl-2-pentanone	ND	74	75	1.3	79	79	0.0	
Acetone	ND	85	84	1.2	<30	<30	NC	
Acrylonitrile	ND	78	77	1.3	60	60	0.0	
Benzene	ND	95	96	1.0	97	91	6.4	
Bromobenzene	ND	96	96	0.0	95	89	6.5	
Bromochloromethane	ND	88	85	3.5	82	81	1.2	
Bromodichloromethane	ND	99	97	2.0	89	92	3.3	
Bromoform	ND	118	112	5.2	103	110	6.6	
Bromomethane	ND	92	88	4.4	74	76	2.7	
Carbon Disulfide	ND	80	78	2.5	79	75	5.2	
Carbon tetrachloride	ND	115	110	4.4	82	85	3.6	
Chlorobenzene	ND	99	97	2.0	100	93	7.3	
Chloroethane	ND	82	81	1.2	78	73	6.6	
Chloroform	ND	92	87	5.6	87	84	3.5	
Chloromethane	ND	<70	<70	NC	64	60	6.5	3
cis-1,2-Dichloroethene	ND	89	88	1.1	87	80	8.4	
cis-1,3-Dichloropropene	ND	83	82	1.2	91	90	1.1	
Dibromochloromethane	ND	108	106	1.9	105	102	2.9	
Dibromoethane	ND	85	78	8.6	78	85	8.6	
Dibromomethane	ND	99	92	7.3	95	94	1.1	
Dichlorodifluoromethane	ND	110	103	6.6	86	84	2.4	
Ethylbenzene	ND	107	105	1.9	108	97	10.7	
Hexachlorobutadiene	ND	117	124	5.8	111	99	11.4	
Isopropylbenzene	ND	93	95	2.1	94	83	12.4	
m&p-Xylene	ND	110	112	1.8	110	98	11.5	
Methyl ethyl ketone	ND	71	74	4.1	34	34	0.0	
Methyl t-butyl ether (MTBE)	ND	95	93	2.1	82	91	10.4	
Methylene chloride	ND	92	86	6.7	84	80	4.9	
Naphthalene	ND	93	91	2.2	99	92	7.3	
n-Butylbenzene	ND	106	108	1.9	101	86	16.0	
n-Propylbenzene	ND	99	101	2.0	96	85	12.2	
o-Xylene	ND	108	106	1.9	111	101	9.4	
p-Isopropyltoluene	ND	110	113	2.7	106	91	15.2	
sec-Butylbenzene	ND	102	105	2.9	101	87	14.9	
Styrene	ND	110	109	0.9	112	106	5.5	
tert-Butylbenzene	ND	106	109	2.8	104	89	15.5	
Tetrachloroethene	ND	106	106	0.0	118	98	18.5	
Tetrahydrofuran (THF)	ND	73	72	1.4	36	50	32.6	
Toluene	ND	83	81	2.4	103	84	20.3	
trans-1,2-Dichloroethene	ND	94	93	1.1	88	82	7.1	
trans-1,3-Dichloropropene	ND	91	89	2.2	84	80	4.9	
trans-1,4-dichloro-2-butene	ND	84	79	6.1	56	57	1.8	
Trichloroethene	ND	104	103	1.0	104	94	10.1	

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Trichlorofluoromethane	ND	110	105	4.7	93	87	6.7	
Trichlorotrifluoroethane	ND	99	99	0.0	86	85	1.2	
Vinyl chloride	ND	82	77	6.3	75	67	11.3	3
% 1,2-dichlorobenzene-d4	105	99	100	1.0	102	96	6.1	
% Bromofluorobenzene	86	110	110	0.0	112	112	0.0	
% Dibromofluoromethane	106	107	98	8.8	100	95	5.1	
% Toluene-d8	81	83	82	1.2	101	96	5.1	

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 126222, QC Sample No: AR62501 (AR61954)

Volatiles

1,1,1,2-Tetrachloroethane	ND	92	92	0.0	101	107	5.8
1,1,1-Trichloroethane	ND	101	98	3.0	96	107	10.8
1,1,2,2-Tetrachloroethane	ND	126	103	20.1	107	111	3.7
1,1,2-Trichloroethane	ND	109	108	0.9	82	80	2.5
1,1-Dichloroethane	ND	104	103	1.0	94	105	11.1
1,1-Dichloroethene	ND	102	98	4.0	104	115	10.0
1,1-Dichloropropene	ND	94	94	0.0	110	106	3.7
1,2,3-Trichlorobenzene	ND	111	111	0.0	110	120	8.7
1,2,3-Trichloropropane	ND	>130	116	NC	111	118	6.1
1,2,4-Trichlorobenzene	ND	107	104	2.8	110	116	5.3
1,2,4-Trimethylbenzene	ND	91	90	1.1	96	102	6.1
1,2-Dibromo-3-chloropropane	ND	89	85	4.6	84	99	16.4
1,2-Dichlorobenzene	ND	106	105	0.9	106	111	4.6
1,2-Dichloroethane	ND	111	111	0.0	101	108	6.7
1,2-Dichloropropane	ND	97	96	1.0	98	103	5.0
1,3,5-Trimethylbenzene	ND	102	86	17.0	94	99	5.2
1,3-Dichlorobenzene	ND	97	96	1.0	100	105	4.9
1,3-Dichloropropane	ND	106	106	0.0	102	104	1.9
1,4-Dichlorobenzene	ND	96	94	2.1	98	107	8.8
2,2-Dichloropropane	ND	90	86	4.5	81	89	9.4
2-Chlorotoluene	ND	106	87	19.7	94	97	3.1
2-Hexanone	ND	94	99	5.2	108	113	4.5
2-Isopropyltoluene	ND	92	91	1.1	98	102	4.0
4-Chlorotoluene	ND	96	94	2.1	101	104	2.9
4-Methyl-2-pentanone	ND	115	113	1.8		73	NC
Acetone	ND	120	128	6.5	103	114	10.1
Acrylonitrile	ND	108	111	2.7	93	107	14.0
Benzene	ND	92	89	3.3	114	109	4.5
Bromobenzene	ND	119	120	0.8	102	108	5.7
Bromochloromethane	ND	110	110	0.0	99	109	9.6
Bromodichloromethane	ND	102	101	1.0	95	101	6.1
Bromoform	ND	104	106	1.9	107	118	9.8
Bromomethane	ND	108	100	7.7	92	103	11.3
Carbon Disulfide	ND	100	96	4.1	108	119	9.7
Carbon tetrachloride	ND	93	91	2.2	95	102	7.1
Chlorobenzene	ND	95	93	2.1	98	101	3.0
Chloroethane	ND	106	99	6.8	98	110	11.5

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Chloroform	ND	102	100	2.0	93	108	13.1	
Chloromethane	ND	125	98	24.2	111	123	10.3	
cis-1,2-Dichloroethene	ND	101	99	2.0	107	104	2.8	
cis-1,3-Dichloropropene	ND	96	95	1.0	96	102	6.1	
Dibromochloromethane	ND	94	94	0.0	98	107	8.8	
Dibromoethane	ND	112	114	1.8	88	87	1.1	
Dibromomethane	ND	114	116	1.7	109	113	3.6	
Dichlorodifluoromethane	ND	81	82	1.2	124	89	32.9	
Ethylbenzene	ND	93	89	4.4	99	102	3.0	
Hexachlorobutadiene	ND	87	84	3.5	93	102	9.2	
Isopropylbenzene	ND	104	101	2.9	96	101	5.1	
m&p-Xylene	ND	92	90	2.2	97	102	5.0	
Methyl ethyl ketone	ND	120	114	5.1	110	113	2.7	
Methyl t-butyl ether (MTBE)	ND	109	111	1.8	105	113	7.3	
Methylene chloride	ND	109	112	2.7	90	103	13.5	
Naphthalene	ND	108	109	0.9	106	114	7.3	
n-Butylbenzene	ND	94	91	3.2	106	113	6.4	
n-Propylbenzene	ND	108	98	9.7	97	101	4.0	
o-Xylene	ND	110	108	1.8	98	104	5.9	
p-Isopropyltoluene	ND	93	90	3.3	98	102	4.0	
sec-Butylbenzene	ND	93	90	3.3	103	108	4.7	
Styrene	ND	118	114	3.4	102	107	4.8	
tert-Butylbenzene	ND	88	86	2.3	95	100	5.1	
Tetrachloroethene	ND	92	87	5.6	116	113	2.6	
Tetrahydrofuran (THF)	ND	110	105	4.7	93	104	11.2	
Toluene	ND	93	91	2.2	100	105	4.9	
trans-1,2-Dichloroethene	ND	103	104	1.0	101	111	9.4	
trans-1,3-Dichloropropene	ND	101	101	0.0	62	41	40.8	3
trans-1,4-dichloro-2-butene	ND	108	95	12.8	97	110	12.6	
Trichloroethene	ND	95	94	1.1	114	114	0.0	
Trichlorofluoromethane	ND	123	114	7.6	108	121	11.4	
Trichlorotrifluoroethane	ND	113	107	5.5	108	118	8.8	
Vinyl chloride	ND	121	83	37.3	112	124	10.2	
% 1,2-dichlorobenzene-d4	106	108	108	0.0	107	107	0.0	
% Bromofluorobenzene	101	123	124	0.8	106	108	1.9	
% Dibromofluoromethane	113	116	114	1.7	104	108	3.8	
% Toluene-d8	98	99	100	1.0	100	101	1.0	

QA/QC Batch 126227, QC Sample No: AR62570 (AR61954)

Volatiles

1,1,1,2-Tetrachloroethane	ND	96	94	2.1	99	106	6.8
1,1,1-Trichloroethane	ND	109	104	4.7	113	121	6.8
1,1,2,2-Tetrachloroethane	ND	94	93	1.1	97	106	8.9
1,1,2-Trichloroethane	ND	106	100	5.8	101	105	3.9
1,1-Dichloroethane	ND	111	106	4.6	111	116	4.4
1,1-Dichloroethene	ND	116	107	8.1	120	122	1.7
1,1-Dichloropropene	ND	104	97	7.0	114	118	3.4
1,2,3-Trichlorobenzene	ND	98	103	5.0	106	109	2.8
1,2,3-Trichloropropane	ND	109	109	0.0	99	109	9.6

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,2,4-Trichlorobenzene	ND	94	93	1.1	98	104	5.9	
1,2,4-Trimethylbenzene	ND	102	99	3.0	106	112	5.5	
1,2-Dibromo-3-chloropropane	ND	91	92	1.1	91	99	8.4	
1,2-Dichlorobenzene	ND	104	104	0.0	104	110	5.6	
1,2-Dichloroethane	ND	110	106	3.7	100	108	7.7	
1,2-Dichloropropane	ND	103	98	5.0	103	110	6.6	
1,3,5-Trimethylbenzene	ND	102	97	5.0	107	113	5.5	
1,3-Dichlorobenzene	ND	108	106	1.9	109	116	6.2	
1,3-Dichloropropane	ND	99	97	2.0	100	104	3.9	
1,4-Dichlorobenzene	ND	105	101	3.9	106	112	5.5	
2,2-Dichloropropane	ND	96	90	6.5	99	102	3.0	
2-Chlorotoluene	ND	100	98	2.0	107	112	4.6	
2-Hexanone	ND	89	94	5.5	74	90	19.5	
2-Isopropyltoluene	ND	105	101	3.9	109	116	6.2	
4-Chlorotoluene	ND	102	100	2.0	106	111	4.6	
4-Methyl-2-pentanone	ND	100	96	4.1	98	104	5.9	
Acetone	ND	100	108	7.7	90	104	14.4	
Acrylonitrile	ND	99	97	2.0	91	96	5.3	
Benzene	ND	107	102	4.8	107	112	4.6	
Bromobenzene	ND	122	120	1.7	108	113	4.5	
Bromochloromethane	ND	103	101	2.0	99	103	4.0	
Bromodichloromethane	ND	104	100	3.9	101	108	6.7	
Bromoform	ND	99	100	1.0	94	96	2.1	
Bromomethane	ND	116	109	6.2	114	118	3.4	
Carbon Disulfide	ND	106	102	3.8	112	119	6.1	
Carbon tetrachloride	ND	106	103	2.9	115	120	4.3	
Chlorobenzene	ND	102	99	3.0	105	109	3.7	
Chloroethane	ND	118	111	6.1	118	123	4.1	
Chloroform	ND	108	105	2.8	109	117	7.1	
Chloromethane	ND	>130	>130	NC	122	126	3.2	
cis-1,2-Dichloroethene	ND	107	102	4.8	107	110	2.8	
cis-1,3-Dichloropropene	ND	92	88	4.4	94	100	6.2	
Dibromochloromethane	ND	95	92	3.2	99	103	4.0	
Dibromoethane	ND	105	105	0.0	100	104	3.9	
Dibromomethane	ND	105	104	1.0	101	108	6.7	
Dichlorodifluoromethane	ND	>130	>130	NC	134	>150	NC	3
Ethylbenzene	ND	102	98	4.0	109	110	0.9	
Hexachlorobutadiene	ND	103	98	5.0	110	117	6.2	
Isopropylbenzene	ND	117	113	3.5	112	120	6.9	
m&p-Xylene	ND	102	99	3.0	107	112	4.6	
Methyl ethyl ketone	ND	84	91	8.0	85	90	5.7	
Methyl t-butyl ether (MTBE)	ND	104	104	0.0	93	98	5.2	
Methylene chloride	ND	109	111	1.8	101	106	4.8	
Naphthalene	ND	78	82	5.0	84	91	8.0	
n-Butylbenzene	ND	107	101	5.8	115	123	6.7	
n-Propylbenzene	ND	116	111	4.4	114	121	6.0	
o-Xylene	ND	123	118	4.1	106	110	3.7	
p-Isopropyltoluene	ND	107	103	3.8	111	120	7.8	
sec-Butylbenzene	ND	103	101	2.0	114	121	6.0	

QA/QC Data

SDG I.D.: GAR61953

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Styrene	ND	124	122	1.6	107	108	0.9
tert-Butylbenzene	ND	101	96	5.1	109	115	5.4
Tetrachloroethene	ND	105	100	4.9	119	130	8.8
Tetrahydrofuran (THF)	ND	93	93	0.0	90	93	3.3
Toluene	ND	100	96	4.1	104	108	3.8
trans-1,2-Dichloroethene	ND	114	108	5.4	113	118	4.3
trans-1,3-Dichloropropene	ND	98	98	0.0	96	101	5.1
trans-1,4-dichloro-2-butene	ND	86	86	0.0	84	93	10.2
Trichloroethene	ND	104	99	4.9	111	112	0.9
Trichlorofluoromethane	ND	>130	123	NC	126	137	8.4
Trichlorotrifluoroethane	ND	124	118	5.0	119	129	8.1
Vinyl chloride	ND	121	124	2.4	131	129	1.5
% 1,2-dichlorobenzene-d4	100	99	101	2.0	99	100	1.0
% Bromofluorobenzene	80	120	121	0.8	100	102	2.0
% Dibromofluoromethane	105	106	103	2.9	101	100	1.0
% Toluene-d8	97	97	98	1.0	98	98	0.0

3 = This parameter is outside laboratory ms/msd specified limits.

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 11, 2009

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) 645-8823
Client Services (860) 645-8726

Temp 6° Pg 1 of 2

Data Delivery: ☐ Fax #: ☒ Email: PRYDEL@VHB.COM

Customer: VHB, INC
Address: 54 TUTTLE PLACE, MIDDLETOWN, CT
Project: ENVIRITE LANDFILL / MONASTIRI
Report to: PHIL RYDEL
Invoice to: PHIL RYDEL
Project P.O: 41426
Phone #: 860 632-1500
Fax #:

Client Sample - Information - Identification
Sampler's Signature: PMR Date: 4/28/09

Matrix Code: DW=drinking water WW=wastewater S=soil/solid O=other; GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	NH3	TOC	TOTAL PHENOLS	TOTAL CYANIDE	CHLORIDE, NITRATE, NITRITE	pH, CONDUCTIVITY, SULFATE	TDS, TSS	VOCs VIA 8260	DISSOLVED METALS				250 mL (VOCs)	Soil VOA [ ] Methanol [ ] 5 Bisulfate [ ] H2O	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 [ ] 1250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
61953	MW-30	GW	4/28/09	1:45	X	X	X	X	X	X	X	X					1				2	1	2			1	
61954	MW-31S			2:12																							
61955	MW-33			1:15																							
61956	MW-36			3:00																							
61957	MW-41S			10:18																							
61958	MW-41D			10:13																							
61959	MW-41B			10:05																							
61960	MW-42S			10:55																							
61961	MW-42S DUP			10:55																							
61962	MW-43S			11:45																							
61963	MW-43D			11:35																							
61964	MW-44D			12:30																							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/29/09	10:25
[signature]	[signature]	4/29	17:00

Comments, Special Requirements or Regulations:

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other
* SURCHARGE APPLIES

CT/RI: ☐ RCP Cert. ☐ GW Protect. ☐ GA Mobility ☐ GB Mobility ☐ SW Protect. ☐ Res. Vol. ☐ Ind. Vol. ☐ Res. Criteria ☐ Other

MA: ☐ MCP Cert. ☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ MWRA eSMART ☐ Other

State where samples were collected: CT

Data Format: ☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

Data Package: ☐ ASP-A ☐ NJ Reduced Deliv. * ☐ NJ Hazsite EDD ☐ Phoenix Std Report ☐ Other

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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) 645-8823
Client Services (860) 645-8726

Temp 6° Pg 2 of 2

Data Delivery: ☐ Fax #: ☐ Email:

Customer: VHB, INC
Address: 54 TUTTLE PLACE, MIDDLETOWN
Project: ENVIRITE LANDFILL / MONASTIRI
Report to: PHIL RYDEL
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Client Sample - Information - Identification
Sampler's Signature: PMR Date: 4/28/09

Matrix Code: DW=drinking water WW=wastewater S=soil/solid O=other; GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	NH3	TOC	TOTAL PHENOLS	TOTAL CYANIDE	CHLORIDE, NITRATE, NITRITE	pH, CONDUCTIVITY, SULFATE	TDS, TSS	VOCs VIA 8260	DISSOLVED METALS				250 mL (VOCs)	Soil VOA [ ] Methanol [ ] 5 Bisulfate [ ] H2O	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 [ ] 1250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
61965	MW-49B	GW	4/28/09	12:50	X	X	X	X	X	X	X	X					1				2	2	2			1	
61966	TRIP BLANK				X	X	X	X	X	X	X	X					1				2	2	2			1	
61967	FIELD BLANK										X										2						
61968	EQUIPMENT BLANK										X										2						
61969	SW-UP			3:15	X	X	X	X	X	X	X						1				2	1	2			1	
61970	SW-DN			3:30	X	X	X	X	X	X	X						1				2	1	2			1	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4/29/09	10:25
[signature]	[signature]	4/29	17:00

Comments, Special Requirements or Regulations:

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other
* SURCHARGE APPLIES

CT/RI: ☐ RCP Cert. ☐ GW Protect. ☐ GA Mobility ☐ GB Mobility ☐ SW Protect. ☐ Res. Vol. ☐ Ind. Vol. ☐ Res. Criteria ☐ Other

MA: ☐ MCP Cert. ☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ MWRA eSMART ☐ Other

State where samples were collected: CT

Data Format: ☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

Data Package: ☐ ASP-A ☐ NJ Reduced Deliv. * ☐ NJ Hazsite EDD ☐ Phoenix Std Report ☐ Other

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	13:23
Location Code:	VHB | MW-30	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87874

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.011	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.003	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	0.004	0.002	mg/L	06/28/09		TH	6010/200.7
Manganese (Dissolved)	0.396	0.001	mg/L	06/28/09		TH	6010/200.7
Sodium (Dissolved)	101	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.007	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	0.035	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	210	15	mg/L	06/25/09		B/E	300.0
Conductivity	1140	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	3.7	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	2:58	B/E	300.0
Nitrate as Nitrogen	25	0.25	mg/L	06/25/09	19:53	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	7.06	0.10	pH	06/25/09	2:27	JC/EG	4500-H B/9040
Sulfate	110	15	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	710	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.0	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.071	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-30
Phoenix I.D.: AR87874

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	61	5.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87874
Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	31	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	35	5.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	3.5	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	88		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	105		%	06/26/09		R/J	SW8260
% Toluene-d8	99		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	13:50
Location Code:	VHB | MW-31S	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87875

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.225	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	0.046	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	148	0.021	mg/L	07/06/09		EK	6010/200.7
Manganese (Dissolved)	11.2	0.011	mg/L	07/06/09		EK	6010/200.7
Sodium (Dissolved)	56.9	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.144	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	1.40	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	190	30	mg/L	06/25/09		B/E	300.0
Conductivity	1440	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	29	0.4	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:08	B/E	300.0
Nitrate as Nitrogen	0.09	0.05	mg/L	06/25/09	3:08	B/E	300.0/9056
Phenolics	1.08	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	6.57	0.10	pH	06/25/09	2:31	JC/EG	4500-H B/9040
Sulfate	4.6	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	1200	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	310	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	190	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	2.82	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	20	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.: AR87875**
Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	10	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	20	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	20	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	20	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	20	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	21	20	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	480	20	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	20	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	20	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	20	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	150	20	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	20	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	20	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	20	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	100	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	20	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	20	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	58000	10000	ug/L	06/26/09		JH	SW8260
Acetone	4800	2500	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	100	ug/L	06/26/09		JH	SW8260
Benzene	180	20	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	20	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	20	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	10	ug/L	06/26/09		JH	SW8260
Bromoform	ND	20	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	20	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	100	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	20	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	20	ug/L	06/26/09		JH	SW8260
Chloroethane	150	20	ug/L	06/26/09		JH	SW8260
Chloroform	ND	20	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	20	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	5000	500	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	10	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	10	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	20	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	20	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	20	ug/L	06/26/09		JH	SW8260
Ethylbenzene	5400	500	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	8.0	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	170	20	ug/L	06/26/09		JH	SW8260
m&p-Xylene	11000	500	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	9800	5000	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	20	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.: AR87875**
Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	100	20	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	20	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	61	20	ug/L	06/26/09		JH	SW8260
o-Xylene	4900	500	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	20	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	360	20	ug/L	06/26/09		JH	SW8260
Styrene	ND	20	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	58	20	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	ND	20	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	700	100	ug/L	06/26/09		JH	SW8260
Toluene	ND	20	ug/L	06/26/09		JH	SW8260
Total Xylenes	16000	500	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	20	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	10	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	100	ug/L	06/26/09		JH	SW8260
Trichloroethene	ND	20	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	20	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	20	ug/L	06/26/09		JH	SW8260
Vinyl chloride	330	20	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	06/26/09		JH	SW8260
% Bromofluorobenzene	105		%	06/26/09		JH	SW8260
% Dibromofluoromethane	100		%	06/26/09		JH	SW8260
% Toluene-d8	86		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

Total Cyanide: This sample was received with a pH<12; pH was adjusted to >12 (EPA requires preservation at time of sampling to a pH of >12.) A sample bias can not be ruled out.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	12:50
Location Code:	VHB | MW-33	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87876

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.010	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	0.042	0.002	mg/L	06/28/09		TH	6010/200.7
Manganese (Dissolved)	0.002	0.001	mg/L	06/28/09		TH	6010/200.7
Sodium (Dissolved)	5.66	0.11	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	0.006	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	14	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	186	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.09	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:18	B/E	300.0
Nitrate as Nitrogen	2.3	0.05	mg/L	06/25/09	3:18	B/E	300.0/9056
Phenolics	0.028	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	7.15	0.10	pH	06/25/09	2:34	JC/EG	4500-H B/9040
Sulfate	21	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	120	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	640	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	<0.010	0.010	mg/L	06/30/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-33
Phoenix I.D.: AR87876

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		JH	SW8260
Acetone	ND	50	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		JH	SW8260
Benzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87876
Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Styrene	ND	1.0	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		JH	SW8260
Toluene	ND	1.0	ug/L	06/26/09		JH	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		JH	SW8260
Trichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	110		%	06/26/09		JH	SW8260
% Bromofluorobenzene	87		%	06/26/09		JH	SW8260
% Dibromofluoromethane	117		%	06/26/09		JH	SW8260
% Toluene-d8	100		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	14:50
Location Code:	VHB | MW-36	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87877

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.053	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	0.005	0.002	mg/L	06/28/09		TH	6010/200.7
Manganese (Dissolved)	0.002	0.001	mg/L	06/28/09		TH	6010/200.7
Sodium (Dissolved)	39.4	0.11	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	0.006	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	81	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	351	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.07	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:28	B/E	300.0
Nitrate as Nitrogen	0.61	0.05	mg/L	06/25/09	3:28	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	6.76	0.10	pH	06/25/09	2:37	JC/EG	4500-H B/9040
Sulfate	35	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	240	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	10	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.013	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Phoenix I.D.: AR87877

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Phoenix I.D.: AR87877

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	117		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	87		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	108		%	06/26/09		R/J	SW8260
% Toluene-d8	100		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	8:15
Location Code:	VHB | MW-41S	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87878

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.087	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	0.057	0.002	mg/L	06/28/09		TH	6010/200.7
Manganese (Dissolved)	0.020	0.001	mg/L	06/28/09		TH	6010/200.7
Sodium (Dissolved)	44.0	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	0.045	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	76	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	469	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	2.2	0.4	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:38	B/E	300.0
Nitrate as Nitrogen	5.6	0.05	mg/L	06/25/09	3:38	B/E	300.0/9056
Phenolics	0.027	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	6.77	0.10	pH	06/25/09	2:43	JC/EG	4500-H B/9040
Sulfate	73	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	290	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	2.6	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	110	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.080	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41S
Phoenix I.D.: AR87878

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	30	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87878
Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	7.1	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	13	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	85		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	99		%	06/26/09		R/J	SW8260
% Toluene-d8	84		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	8:45
Location Code:	VHB | MW-41D	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87879

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.071	0.002	mg/L	06/28/09		TH	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/28/09		TH	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/28/09		EK	6010/200.7
Iron (Dissolved)	0.016	0.002	mg/L	06/28/09		TH	6010/200.7
Manganese (Dissolved)	1.29	0.001	mg/L	06/28/09		TH	6010/200.7
Sodium (Dissolved)	51.7	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	06/28/09		TH	6010/200.7
Zinc (Dissolved)	0.008	0.002	mg/L	06/28/09		TH	6010/200.7
Chloride	90	6.0	mg/L	06/25/09		B/E	300.0
Conductivity	622	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:49	B/E	300.0
Nitrate as Nitrogen	7.7	0.10	mg/L	06/25/09	20:13	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	6.71	0.10	pH	06/25/09	3:12	JC/EG	4500-H B/9040
Sulfate	120	6.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	400	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.2	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	32	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.043	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87879
Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	50	5.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87879
Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	12	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	22	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	87		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	120		%	06/26/09		R/J	SW8260
% Toluene-d8	98		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	9:10
Location Code:	VHB | MW-41B	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87880

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.055	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.011	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.045	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	49.2	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.006	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.019	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	120	30	mg/L	06/25/09		B/E	300.0
Conductivity	1170	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.09	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	3:59	B/E	300.0
Nitrate as Nitrogen	22	0.50	mg/L	06/25/09	20:24	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/26/09		LK/EG	E420.4
pH	7.49	0.10	pH	06/25/09	3:15	JC/EG	4500-H B/9040
Sulfate	370	30	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	1100	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	22	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.060	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41B
Phoenix I.D.: AR87880

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	65	5.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41B

Phoenix I.D.: AR87880

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	3.5	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	17	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	89		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	95		%	06/26/09		R/J	SW8260
% Toluene-d8	84		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY #11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	9:45
Location Code:	VHB | MW-42S	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87881

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.069	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.030	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.030	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.007	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	58.4	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.054	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.139	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	100	15	mg/L	06/25/09		B/E	300.0
Conductivity	777	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	4:09	B/E	300.0
Nitrate as Nitrogen	13	0.25	mg/L	06/25/09	20:34	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.71	0.10	pH	06/25/09	3:18	JC/EG	4500-H B/9040
Sulfate	140	15	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	530	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	2.1	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	42	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.021	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87881
Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	7.4	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87881
Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	4.7	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	5.4	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	89		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	113		%	06/26/09		R/J	SW8260
% Toluene-d8	98		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	9:45
Location Code:	VHB | MW-42 S DUP	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87882

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42 S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.070	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.031	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.079	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.007	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	67.4	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.055	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.141	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	94	15	mg/L	06/25/09		B/E	300.0
Conductivity	731	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	4:19	B/E	300.0
Nitrate as Nitrogen	12	0.25	mg/L	06/25/09	20:44	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.82	0.10	pH	06/25/09	3:23	JC/EG	4500-H B/9040
Sulfate	130	15	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	490	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	2.1	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	38	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/25/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005
Tot. Org. Halogens	0.025	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42 S DUP
Phoenix I.D.: AR87882

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	6.6	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87882
Client ID: MW-42 S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	4.9	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	5.4	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	87		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	94		%	06/26/09		R/J	SW8260
% Toluene-d8	83		%	06/26/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	10:20
Location Code:	VHB | MW-43S	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87883

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.036	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.025	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.022	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.128	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	210	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.032	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.058	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	310	75	mg/L	06/25/09		B/E	300.0
Conductivity	1960	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	5:20	B/E	300.0
Nitrate as Nitrogen	61	1.3	mg/L	06/25/09	20:54	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.45	0.10	pH	06/25/09	3:26	JC/EG	4500-H B/9040
Sulfate	400	75	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	1400	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.9	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	53	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.034	0.010	mg/L	06/30/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87883
Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		JH	SW8260
Acetone	ND	50	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		JH	SW8260
Benzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	6.1	1.0	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87883
Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Styrene	ND	1.0	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	12	1.0	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		JH	SW8260
Toluene	ND	1.0	ug/L	06/26/09		JH	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		JH	SW8260
Trichloroethene	5.5	1.0	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	06/26/09		JH	SW8260
% Bromofluorobenzene	89		%	06/26/09		JH	SW8260
% Dibromofluoromethane	119		%	06/26/09		JH	SW8260
% Toluene-d8	96		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	10:30
Location Code:	VHB | MW-43D	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87884

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.027	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	0.005	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.322	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.022	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.812	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	173	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.096	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.369	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	250	75	mg/L	06/25/09		B/E	300.0
Conductivity	1660	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.21	0.02	mg/L	06/26/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	5:30	B/E	300.0
Nitrate as Nitrogen	47	1.3	mg/L	06/25/09	21:04	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.22	0.10	pH	06/25/09	3:29	JC/EG	4500-H B/9040
Sulfate	360	75	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	1200	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	24	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.046	0.010	mg/L	07/01/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43D
Phoenix I.D.: AR87884

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		JH	SW8260
Acetone	ND	50	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		JH	SW8260
Benzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	27	1.0	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	18	5.0	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43D

Phoenix I.D.: AR87884

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Styrene	ND	1.0	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	14	1.0	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		JH	SW8260
Toluene	ND	1.0	ug/L	06/26/09		JH	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		JH	SW8260
Trichloroethene	19	1.0	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	06/26/09		JH	SW8260
% Bromofluorobenzene	85		%	06/26/09		JH	SW8260
% Dibromofluoromethane	96		%	06/26/09		JH	SW8260
% Toluene-d8	82		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	11:40
Location Code:	VHB | MW-44D	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87885

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.038	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.028	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.011	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.655	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	151	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.032	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.076	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	130	15	mg/L	06/25/09		B/E	300.0
Conductivity	823	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.39	0.02	mg/L	06/29/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	5:40	B/E	300.0
Nitrate as Nitrogen	14	0.25	mg/L	06/25/09	21:14	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.91	0.10	pH	06/25/09	3:32	JC/EG	4500-H B/9040
Sulfate	110	15	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	530	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.7	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	13	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed		*	06/25/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005
Tot. Org. Halogens	0.052	0.010	mg/L	07/01/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AR87885

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		JH	SW8260
Acetone	ND	50	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		JH	SW8260
Benzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	42	5	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AR87885

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Styrene	ND	1.0	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	17	1.0	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		JH	SW8260
Toluene	ND	1.0	ug/L	06/26/09		JH	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		JH	SW8260
Trichloroethene	26	1.0	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Vinyl chloride	2.6	1.0	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	120		%	06/26/09		JH	SW8260
% Bromofluorobenzene	87		%	06/26/09		JH	SW8260
% Dibromofluoromethane	118		%	06/26/09		JH	SW8260
% Toluene-d8	96		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/22/09	12:00
Location Code:	VHB | MW-44B	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87886

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.017	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	0.003	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.011	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.337	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	81.6	1.1	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.024	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.069	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	120	6.0	mg/L	06/25/09		B/E	300.0
Conductivity	676	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	06/29/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	5:50	B/E	300.0
Nitrate as Nitrogen	8.0	0.10	mg/L	06/25/09	21:34	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	6.95	0.10	pH	06/25/09	3:35	JC/EG	4500-H B/9040
Sulfate	84	6.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	410	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	1.4	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	9.5	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/24/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/24/09		AG	SW846-3005
Tot. Org. Halogens	0.046	0.010	mg/L	07/01/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B
Phoenix I.D.: AR87886

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		JH	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		JH	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		JH	SW8260
Acetone	ND	50	ug/L	06/26/09		JH	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		JH	SW8260
Benzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		JH	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		JH	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		JH	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		JH	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
cis-1,2-Dichloroethene	14	1.0	ug/L	06/26/09		JH	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		JH	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		JH	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		JH	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		JH	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87886
Client ID: MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		JH	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		JH	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Styrene	ND	1.0	ug/L	06/26/09		JH	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		JH	SW8260
Tetrachloroethene	5.7	1.0	ug/L	06/26/09		JH	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		JH	SW8260
Toluene	ND	1.0	ug/L	06/26/09		JH	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		JH	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		JH	SW8260
Trichloroethene	15	1.0	ug/L	06/26/09		JH	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		JH	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	06/26/09		JH	SW8260
% Bromofluorobenzene	90		%	06/26/09		JH	SW8260
% Dibromofluoromethane	87		%	06/26/09		JH	SW8260
% Toluene-d8	83		%	06/26/09		JH	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	0:00
Location Code:	VHB | TB	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87887

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87887
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	107		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	84		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	106		%	06/26/09		R/J	SW8260
% Toluene-d8	101		%	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87887
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

TRIP BLANK INCLUDED.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	14:00
Location Code:	VHB | FB	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87888

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.004	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	< 0.11	0.11	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	< 0.002	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	< 3.0	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	49.7	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	06/29/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	6:00	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	06/25/09	6:00	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	3.90	0.10	pH	06/25/09	3:38	JC/EG	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	13	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/25/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005
Tot. Org. Halogens	<0.010	0.010	mg/L	07/01/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK
Phoenix I.D.: AR87888

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Acetone	ND	50	ug/L	06/26/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		R/J	SW8260
Benzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK

Phoenix I.D.: AR87888

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Styrene	ND	1.0	ug/L	06/26/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		R/J	SW8260
Toluene	ND	1.0	ug/L	06/26/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		R/J	SW8260
Trichloroethene	5.4	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	06/26/09		R/J	SW8260
% Bromofluorobenzene	91		%	06/26/09		R/J	SW8260
% Dibromofluoromethane	90		%	06/26/09		R/J	SW8260
% Toluene-d8	87		%	06/26/09		R/J	SW8260

I = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	14:00
Location Code:	VHB | EQUIP BL	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87889

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.025	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.002	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	28.4	0.11	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	< 0.002	0.002	mg/L	06/29/09		LK	6010/200.7
Chloride	65	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	337	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	06/29/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	6:10	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	06/25/09	6:10	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	7.92	0.10	pH	06/25/09	3:45	JC/EG	4500-H B/9040
Sulfate	12	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	220	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/25/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005
Tot. Org. Halogens	0.015	0.010	mg/L	07/01/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: AR87889

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/27/09		RM	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
2-Hexanone	ND	5.0	ug/L	06/27/09		RM	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/27/09		RM	SW8260
Acetone	ND	50	ug/L	06/27/09		RM	SW8260
Acrylonitrile	ND	5.0	ug/L	06/27/09		RM	SW8260
Benzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromochloromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/27/09		RM	SW8260
Bromoform	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromomethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/27/09		RM	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/27/09		RM	SW8260
Chlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloroform	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/27/09		RM	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/27/09		RM	SW8260
Dibromoethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Dibromomethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Ethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/27/09		RM	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
m&p-Xylene	ND	1.0	ug/L	06/27/09		RM	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/27/09		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/27/09		RM	SW8260
Methylene chloride	ND	1.0	ug/L	06/27/09		RM	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: AR87889

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/27/09		RM	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
o-Xylene	ND	1.0	ug/L	06/27/09		RM	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Styrene	ND	1.0	ug/L	06/27/09		RM	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/27/09		RM	SW8260
Toluene	ND	1.0	ug/L	06/27/09		RM	SW8260
Total Xylenes	ND	1.0	ug/L	06/27/09		RM	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/27/09		RM	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/27/09		RM	SW8260
Trichloroethene	5.4	1.0	ug/L	06/27/09		RM	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Vinyl chloride	ND	1.0	ug/L	06/27/09		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	06/27/09		RM	SW8260
% Bromofluorobenzene	85		%	06/27/09		RM	SW8260
% Dibromofluoromethane	94		%	06/27/09		RM	SW8260
% Toluene-d8	91		%	06/27/09		RM	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	15:11
Location Code:	VHB | SW-UP	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87890

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW-UP

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.010	0.002	mg/L	06/29/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7
Iron (Dissolved)	0.113	0.002	mg/L	06/29/09		LK	6010/200.7
Manganese (Dissolved)	0.016	0.001	mg/L	06/29/09		LK	6010/200.7
Sodium (Dissolved)	9.50	0.11	mg/L	07/06/09		EK	6010/200.7
Nickel (Dissolved)	0.005	0.001	mg/L	06/29/09		LK	6010/200.7
Zinc (Dissolved)	0.003	0.002	mg/L	06/29/09		EK	6010/200.7
Chloride	16	3.0	mg/L	06/25/09		B/E	300.0
Conductivity	110	2.0	umhos/cm	06/25/09		JC/EG	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	06/29/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	6:20	B/E	300.0
Nitrate as Nitrogen	0.15	0.05	mg/L	06/25/09	6:20	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4
pH	7.41	0.10	pH	06/25/09	4:09	JC/EG	4500-H B/9040
Sulfate	8.5	3.0	mg/L	06/25/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010
Tot. Diss. Solids	73	10	mg/L	06/25/09		VR/KDB	SM2540C
Total Organic Carbon	2.6	1.0	mg/L	06/24/09		JC/EG	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	06/25/09		VR/KDB	SM2540D
Filtration	Completed			06/25/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005
Tot. Org. Halogens	0.012	0.010	mg/L	07/01/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW-UP
Phoenix I.D.: AR87890

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/27/09		RM	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/27/09		RM	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
2-Hexanone	ND	5.0	ug/L	06/27/09		RM	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/27/09		RM	SW8260
Acetone	ND	50	ug/L	06/27/09		RM	SW8260
Acrylonitrile	ND	5.0	ug/L	06/27/09		RM	SW8260
Benzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromochloromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/27/09		RM	SW8260
Bromoform	ND	1.0	ug/L	06/27/09		RM	SW8260
Bromomethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/27/09		RM	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/27/09		RM	SW8260
Chlorobenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloroform	ND	1.0	ug/L	06/27/09		RM	SW8260
Chloromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/27/09		RM	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/27/09		RM	SW8260
Dibromoethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Dibromomethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Ethylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/27/09		RM	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
m&p-Xylene	ND	1.0	ug/L	06/27/09		RM	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/27/09		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/27/09		RM	SW8260
Methylene chloride	ND	1.0	ug/L	06/27/09		RM	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87890
Client ID: SW-UP

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/27/09		RM	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
o-Xylene	ND	1.0	ug/L	06/27/09		RM	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/27/09		RM	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Styrene	ND	1.0	ug/L	06/27/09		RM	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/27/09		RM	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/27/09		RM	SW8260
Toluene	ND	1.0	ug/L	06/27/09		RM	SW8260
Total Xylenes	ND	1.0	ug/L	06/27/09		RM	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/27/09		RM	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/27/09		RM	SW8260
Trichloroethene	ND	1.0	ug/L	06/27/09		RM	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/27/09		RM	SW8260
Vinyl chloride	ND	1.0	ug/L	06/27/09		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	06/27/09		RM	SW8260
% Bromofluorobenzene	88		%	06/27/09		RM	SW8260
% Dibromofluoromethane	108		%	06/27/09		RM	SW8260
% Toluene-d8	100		%	06/27/09		RM	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		06/23/09	15:25
Location Code:	VHB | SW-DN	Received by:	SW	06/24/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAR87874
Phoenix ID: AR87891

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW-DN

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.012	0.002	mg/L	06/29/09		LK	6010/200.7	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7	
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/29/09		LK	6010/200.7	
Copper (Dissolved)	0.001	0.001	mg/L	06/29/09		LK	6010/200.7	
Iron (Dissolved)	0.134	0.002	mg/L	06/29/09		LK	6010/200.7	
Manganese (Dissolved)	0.027	0.001	mg/L	06/29/09		LK	6010/200.7	
Sodium (Dissolved)	9.96	0.11	mg/L	07/06/09		EK	6010/200.7	
Nickel (Dissolved)	0.001	0.001	mg/L	06/29/09		LK	6010/200.7	
Zinc (Dissolved)	0.003	0.002	mg/L	06/29/09		EK	6010/200.7	
Chloride	16	3.0	mg/L	06/25/09		B/E	300.0	
Conductivity	111	2.0	umhos/cm	06/25/09		JC/EG	SM2510B	
Ammonia as Nitrogen	0.1	0.02	mg/L	06/29/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	06/25/09	6:30	B/E	300.0	
Nitrate as Nitrogen	0.16	0.05	mg/L	06/25/09	6:30	B/E	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	06/30/09		LK	E420.4	
pH	7.35	0.10	pH	06/25/09	4:12	JC/EG	4500-H B/9040	
Sulfate	8.1	3.0	mg/L	06/25/09		B/E	300.0	
Total Cyanide	< 0.01	0.01	mg/L	06/24/09		J/G	335.4/9010	
Tot. Diss. Solids	77	10	mg/L	06/25/09		VR/KDB	SM2540C	
Total Organic Carbon	2.9	1.0	mg/L	06/24/09		JC/EG	SM 5310B	
Total Suspended Solids	6.0	5.0	mg/L	06/25/09		VR/KDB	SM2540D	
Filtration	Completed			06/25/09		AG	0.45um Filter	
Dissolved Metals Preparation	Completed			06/25/09		AG	SW846-3005	
Tot. Org. Halogens	0.020	0.010	mg/L	07/01/09		*	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260	

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87891
Client ID: SW-DN

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	06/26/09		RM	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	06/26/09		RM	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	06/26/09		RM	SW8260
2-Chlorotoluene	ND	1.0	ug/L	06/26/09		RM	SW8260
2-Hexanone	ND	5.0	ug/L	06/26/09		RM	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	06/26/09		RM	SW8260
4-Chlorotoluene	ND	1.0	ug/L	06/26/09		RM	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	06/26/09		RM	SW8260
Acetone	ND	50	ug/L	06/26/09		RM	SW8260
Acrylonitrile	ND	5.0	ug/L	06/26/09		RM	SW8260
Benzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Bromobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Bromochloromethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Bromodichloromethane	ND	0.50	ug/L	06/26/09		RM	SW8260
Bromoform	ND	1.0	ug/L	06/26/09		RM	SW8260
Bromomethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Carbon Disulfide	ND	5.0	ug/L	06/26/09		RM	SW8260
Carbon tetrachloride	ND	1.0	ug/L	06/26/09		RM	SW8260
Chlorobenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Chloroethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Chloroform	ND	1.0	ug/L	06/26/09		RM	SW8260
Chloromethane	ND	1.0	ug/L	06/26/09		RM	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		RM	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		RM	SW8260
Dibromochloromethane	ND	0.50	ug/L	06/26/09		RM	SW8260
Dibromoethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Dibromomethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Ethylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	06/26/09		RM	SW8260
Isopropylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
m&p-Xylene	ND	1.0	ug/L	06/26/09		RM	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	06/26/09		RM	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/26/09		RM	SW8260
Methylene chloride	ND	1.0	ug/L	06/26/09		RM	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AR87891
Client ID: SW-DN

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	06/26/09		RM	SW8260
n-Butylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
n-Propylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
o-Xylene	ND	1.0	ug/L	06/26/09		RM	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	06/26/09		RM	SW8260
sec-Butylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Styrene	ND	1.0	ug/L	06/26/09		RM	SW8260
tert-Butylbenzene	ND	1.0	ug/L	06/26/09		RM	SW8260
Tetrachloroethene	ND	1.0	ug/L	06/26/09		RM	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	06/26/09		RM	SW8260
Toluene	ND	1.0	ug/L	06/26/09		RM	SW8260
Total Xylenes	ND	1.0	ug/L	06/26/09		RM	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/26/09		RM	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	06/26/09		RM	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	06/26/09		RM	SW8260
Trichloroethene	ND	1.0	ug/L	06/26/09		RM	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	06/26/09		RM	SW8260
Vinyl chloride	ND	1.0	ug/L	06/26/09		RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	106		%	06/26/09		RM	SW8260
% Bromofluorobenzene	85		%	06/26/09		RM	SW8260
% Dibromofluoromethane	87		%	06/26/09		RM	SW8260
% Toluene-d8	95		%	06/26/09		RM	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

* Analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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QA/QC Report

June 09, 2010

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 129919, QC Sample No: AR86204 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87883, AR87884, AR87886)								
ICP Metals - Dissolved								
Barium	BDL	0.50	87.7	87.9	0.2	86.9	86.5	0.5
Cadmium	BDL	NC	87.3	87.9	0.7	87.8	87.5	0.3
Chromium	BDL	NC	89.6	90.1	0.6	89.9	89.9	0.0
Copper	BDL	NC	89.6	89.8	0.2	91.0	91.0	0.0
Iron	BDL	NC	88.1	113	24.8	87.9	88.0	0.1
Manganese	BDL	1.50	88.1	89.0	1.0	87.8	87.6	0.2
Nickel	BDL	NC	87.7	87.7	0.0	87.4	87.4	0.0
Sodium	0.12	3.90	88.4	87.7	0.8	NC	NC	NC
Zinc	BDL	NC	88.7	88.6	0.1	90.1	90.0	0.1
QA/QC Batch 130048, QC Sample No: AR87882 (AR87882, AR87885, AR87888, AR87889, AR87890, AR87891)								
ICP Metals - Dissolved								
Barium	BDL	2.90	94.8	95.6	0.8	96.3	95.6	0.7
Cadmium	BDL	NC	91.8	92.7	1.0	93.9	93.1	0.9
Chromium	BDL	NC	90.9	91.7	0.9	96.1	95.1	1.0
Copper	BDL	3.60	87.6	88.6	1.1	101	101	0.0
Iron	BDL	39.0	88.6	89.5	1.0	87.5	87.3	0.2
Manganese	BDL	5.90	89.0	90.1	1.2	95.2	94.5	0.7
Nickel	BDL	4.60	88.7	89.8	1.2	93.9	92.7	1.3
Sodium	BDL	2.40	107	104	2.8	NC	NC	NC
Zinc	BDL	3.40	90.2	91.1	1.0	97.8	96.9	0.9

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QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 130091, QC Sample No: AR84958 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Tot. Diss. Solids	BDL	1.55	97.2					
QA/QC Batch 130089, QC Sample No: AR87334 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884)								
Ammonia as Nitrogen	BDL		102			99.7		
QA/QC Batch 130010, QC Sample No: AR87704 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Total Cyanide	BDL		106			106		
QA/QC Batch 130223, QC Sample No: AR87736 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882)								
Chloride	BDL	NC	93.6			97.6		
QA/QC Batch 130225, QC Sample No: AR87736 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882)								
Nitrate as Nitrogen	BDL	4.90	92.9			115		
QA/QC Batch 130224, QC Sample No: AR87736 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882)								
Nitrite as Nitrogen	BDL	NC	101			104		
QA/QC Batch 130226, QC Sample No: AR87736 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882)								
Sulfate	BDL	NC	102			99.1		
QA/QC Batch 130208, QC Sample No: AR87874 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880)								
Phenolics	BDL	NC	86.6			101		
QA/QC Batch 130107, QC Sample No: AR87874 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Total Organic Carbon	BDL	NC	104			103		
QA/QC Batch 130097, QC Sample No: AR87874 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Total Suspended Solids	BDL	NC	87.2					
QA/QC Batch 130117, QC Sample No: AR87878 (AR87878)								
Alkalinity-CaCO3	BDL	NC	98.6					
QA/QC Batch 130125, QC Sample No: AR87878 (AR87874, AR87875, AR87876, AR87877, AR87878)								
Conductivity	BDL	0	98.9					
QA/QC Batch 130121, QC Sample No: AR87878 (AR87878)								
Turbidity	BDL	15.7	98.8					
QA/QC Batch 130441, QC Sample No: AR87881 (AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Phenolics	BDL	NC	100			89.0		
QA/QC Batch 130227, QC Sample No: AR87948 (AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Chloride	BDL	NC	94.4			98.0		

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 130229, QC Sample No: AR87948 (AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Nitrate as Nitrogen	BDL	NC	100			99.6		
QA/QC Batch 130228, QC Sample No: AR87948 (AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Nitrite as Nitrogen	BDL	NC	96.6			99.5		
QA/QC Batch 130230, QC Sample No: AR87948 (AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Sulfate	BDL	0	99.8			96.9		
QA/QC Batch 130118, QC Sample No: AR88211 (AR87889)								
Alkalinity-CaCO3	BDL	NC	98.7					
QA/QC Batch 130126, QC Sample No: AR88211 (AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Conductivity	BDL	0.70	98.6					
QA/QC Batch 130122, QC Sample No: AR88211 (AR87889)								
Turbidity	BDL							
QA/QC Batch 130231, QC Sample No: AR88243 (AR87874, AR87875, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886)								
Chloride	BDL	NC	93.4			102		
QA/QC Batch 130233, QC Sample No: AR88243 (AR87874, AR87875, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886)								
Nitrate as Nitrogen	BDL	NC	95.8			95.7		
QA/QC Batch 130232, QC Sample No: AR88243 (AR87874, AR87875, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886)								
Nitrite as Nitrogen	BDL	NC	101			106		
QA/QC Batch 130234, QC Sample No: AR88243 (AR87874, AR87875, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886)								
Sulfate	BDL	NC	98.7			108		
QA/QC Batch 130191, QC Sample No: AR88328 (AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)								
Ammonia as Nitrogen	BDL		100			101		

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QA/QC Report

June 09, 2010

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 130210, QC Sample No: AR87829 (AR87874, AR87877, AR87879, AR87881, AR87887)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	99	97	2.0	104	105	1.0
1,1,1-Trichloroethane	ND	102	96	6.1	100	104	3.9
1,1,2,2-Tetrachloroethane	ND	90	89	1.1	93	91	2.2
1,1,2-Trichloroethane	ND	96	96	0.0	101	101	0.0
1,1-Dichloroethane	ND	99	95	4.1	91	99	8.4
1,1-Dichloroethene	ND	98	91	7.4	87	100	13.9
1,1-Dichloropropene	ND	104	97	7.0	101	106	4.8
1,2,3-Trichlorobenzene	ND	108	110	1.8	86	105	19.9
1,2,3-Trichloropropane	ND	109	108	0.9	100	101	1.0
1,2,4-Trichlorobenzene	ND	104	102	1.9	92	103	11.3
1,2,4-Trimethylbenzene	ND	103	97	6.0	96	101	5.1
1,2-Dibromo-3-chloropropane	ND	84	95	12.3	84	84	0.0
1,2-Dichlorobenzene	ND	100	97	3.0	97	99	2.0
1,2-Dichloroethane	ND	103	102	1.0	107	107	0.0
1,2-Dichloropropane	ND	96	94	2.1	92	94	2.2
1,3,5-Trimethylbenzene	ND	101	93	8.2	94	98	4.2
1,3-Dichlorobenzene	ND	102	96	6.1	96	98	2.1
1,3-Dichloropropane	ND	98	100	2.0	100	100	0.0
1,4-Dichlorobenzene	ND	92	89	3.3	90	91	1.1
2,2-Dichloropropane	ND	74	<70	NC	56	59	5.2
2-Chlorotoluene	ND	97	91	6.4	91	94	3.2
2-Hexanone	ND	82	92	11.5	81	94	14.9
2-Isopropyltoluene	ND	101	93	8.2	93	97	4.2
4-Chlorotoluene	ND	107	101	5.8	94	103	9.1
4-Methyl-2-pentanone	ND	96	102	6.1	101	106	4.8
Acetone	ND	114	102	11.1	102	110	7.5
Acrylonitrile	ND	101	98	3.0	97	100	3.0
Benzene	ND	97	93	4.2	95	97	2.1
Bromobenzene	ND	98	95	3.1	92	94	2.2
Bromochloromethane	ND	102	100	2.0	101	102	1.0
Bromodichloromethane	ND	103	104	1.0	103	104	1.0
Bromoform	ND	100	103	3.0	112	111	0.9
Bromomethane	ND	88	89	1.1	78	92	16.5
Carbon Disulfide	ND	106	97	8.9	88	101	13.8
Carbon tetrachloride	ND	109	102	6.6	108	113	4.5
Chlorobenzene	ND	96	94	2.1	96	98	2.1
Chloroethane	ND	104	83	22.5	82	83	1.2
Chloroform	ND	98	95	3.1	97	98	1.0
Chloromethane	ND	98	91	7.4	86	92	6.7
cis-1,2-Dichloroethene	ND	100	97	3.0	89	96	7.6
cis-1,3-Dichloropropene	ND	98	98	0.0	97	96	1.0

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromochloromethane	ND	98	99	1.0	102	108	5.7
Dibromoethane	ND	97	97	0.0	103	100	3.0
Dibromomethane	ND	94	95	1.1	98	99	1.0
Dichlorodifluoromethane	ND	106	101	4.8	96	98	2.1
Ethylbenzene	ND	99	94	5.2	96	99	3.1
Hexachlorobutadiene	ND	98	92	6.3	85	95	11.1
Isopropylbenzene	ND	95	87	8.8	90	95	5.4
m&p-Xylene	ND	100	96	4.1	98	102	4.0
Methyl ethyl ketone	ND	79	84	6.1	79	81	2.5
Methyl t-butyl ether (MTBE)	ND	100	102	2.0	100	109	8.6
Methylene chloride	ND	101	101	0.0	93	97	4.2
Naphthalene	ND	99	105	5.9	83	104	22.5
n-Butylbenzene	ND	108	100	7.7	98	103	5.0
n-Propylbenzene	ND	102	96	6.1	93	96	3.2
o-Xylene	ND	100	94	6.2	100	103	3.0
p-Isopropyltoluene	ND	106	97	8.9	92	99	7.3
sec-Butylbenzene	ND	101	93	8.2	92	97	5.3
Styrene	ND	101	98	3.0	104	106	1.9
tert-Butylbenzene	ND	99	92	7.3	91	97	6.4
Tetrachloroethene	ND	96	89	7.6	92	98	6.3
Tetrahydrofuran (THF)	ND	94	100	6.2	88	95	7.7
Toluene	ND	98	93	5.2	96	99	3.1
trans-1,2-Dichloroethene	ND	99	92	7.3	89	97	8.6
trans-1,3-Dichloropropene	ND	100	101	1.0	98	96	2.1
trans-1,4-dichloro-2-butene	ND	88	91	3.4	81	81	0.0
Trichloroethene	ND	96	90	6.5	93	96	3.2
Trichlorofluoromethane	ND	115	105	9.1	101	108	6.7
Trichlorotrifluoroethane	ND	102	94	8.2	87	98	11.9
Vinyl chloride	ND	104	99	4.9	90	101	11.5
% 1,2-dichlorobenzene-d4	103	102	103	1.0	100	104	3.9
% Bromofluorobenzene	87	103	105	1.9	111	109	1.8
% Dibromofluoromethane	100	99	100	1.0	101	101	0.0
% Toluene-d8	99	99	100	1.0	100	99	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 130219, QC Sample No: AR87830 (AR87878, AR87880, AR87882, AR87888)

Volatiles

1,1,1,2-Tetrachloroethane	ND	102	99	3.0	104	106	1.9
1,1,1-Trichloroethane	ND	99	95	4.1	96	98	2.1
1,1,2,2-Tetrachloroethane	ND	93	91	2.2	92	95	3.2
1,1,2-Trichloroethane	ND	91	92	1.1	88	89	1.1
1,1-Dichloroethane	ND	97	94	3.1	92	95	3.2
1,1-Dichloroethene	ND	92	89	3.3	90	97	7.5
1,1-Dichloropropene	ND	97	96	1.0	93	101	8.2
1,2,3-Trichlorobenzene	ND	100	101	1.0	80	99	21.2
1,2,3-Trichloropropane	ND	105	103	1.9	97	102	5.0
1,2,4-Trichlorobenzene	ND	99	99	0.0	82	101	20.8
1,2,4-Trimethylbenzene	ND	103	100	3.0	93	102	9.2
1,2-Dibromo-3-chloropropane	ND	94	95	1.1	95	92	3.2
1,2-Dichlorobenzene	ND	98	94	4.2	91	97	6.4
1,2-Dichloroethane	ND	98	99	1.0	103	102	1.0
1,2-Dichloropropane	ND	92	90	2.2	87	89	2.3

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3,5-Trimethylbenzene	ND	100	97	3.0	90	101	11.5
1,3-Dichlorobenzene	ND	101	97	4.0	92	99	7.3
1,3-Dichloropropane	ND	97	98	1.0	98	98	0.0
1,4-Dichlorobenzene	ND	96	95	1.0	88	95	7.7
2,2-Dichloropropane	ND	<70	<70	NC	56	59	5.2
2-Chlorotoluene	ND	99	95	4.1	89	95	6.5
2-Hexanone	ND	89	88	1.1	92	99	7.3
2-Isopropyltoluene	ND	100	96	4.1	90	100	10.5
4-Chlorotoluene	ND	100	97	3.0	90	97	7.5
4-Methyl-2-pentanone	ND	89	93	4.4	86	91	5.6
Acetone	ND	104	103	1.0	105	103	1.9
Acrylonitrile	ND	93	96	3.2	96	95	1.0
Benzene	ND	92	92	0.0	92	98	6.3
Bromobenzene	ND	96	96	0.0	90	96	6.5
Bromochloromethane	ND	92	90	2.2	92	94	2.2
Bromodichloromethane	ND	103	101	2.0	95	98	3.1
Bromoform	ND	103	106	2.9	111	110	0.9
Bromomethane	ND	104	101	2.9	91	97	6.4
Carbon Disulfide	ND	93	89	4.4	85	91	6.8
Carbon tetrachloride	ND	107	104	2.8	103	108	4.7
Chlorobenzene	ND	96	96	0.0	96	98	2.1
Chloroethane	ND	90	88	2.2	83	91	9.2
Chloroform	ND	92	91	1.1	92	92	0.0
Chloromethane	ND	90	89	1.1	77	79	2.6
cis-1,2-Dichloroethene	ND	94	93	1.1	92	94	2.2
cis-1,3-Dichloropropene	ND	90	91	1.1	86	88	2.3
Dibromochloromethane	ND	99	97	2.0	101	105	3.9
Dibromoethane	ND	93	91	2.2	89	92	3.3
Dibromomethane	ND	100	103	3.0	94	95	1.1
Dichlorodifluoromethane	ND	95	91	4.3	88	90	2.2
Ethylbenzene	ND	100	96	4.1	98	103	5.0
Hexachlorobutadiene	ND	93	91	2.2	76	98	25.3
Isopropylbenzene	ND	93	90	3.3	88	95	7.7
m&p-Xylene	ND	102	100	2.0	100	104	3.9
Methyl ethyl ketone	ND	85	84	1.2	86	91	5.6
Methyl t-butyl ether (MTBE)	ND	92	94	2.2	99	99	0.0
Methylene chloride	ND	92	90	2.2	92	90	2.2
Naphthalene	ND	96	97	1.0	91	102	11.4
n-Butylbenzene	ND	105	101	3.9	88	105	17.6
n-Propylbenzene	ND	101	95	6.1	88	97	9.7
o-Xylene	ND	102	100	2.0	102	105	2.9
p-Isopropyltoluene	ND	103	99	4.0	90	102	12.5
sec-Butylbenzene	ND	98	95	3.1	87	98	11.9
Styrene	ND	104	102	1.9	103	108	4.7
tert-Butylbenzene	ND	100	98	2.0	91	101	10.4
Tetrachloroethene	ND	96	93	3.2	92	99	7.3
Tetrahydrofuran (THF)	ND	90	86	4.5	90	89	1.1
Toluene	ND	91	90	1.1	86	89	3.4
trans-1,2-Dichloroethene	ND	95	92	3.2	94	100	6.2
trans-1,3-Dichloropropene	ND	96	97	1.0	92	91	1.1
trans-1,4-dichloro-2-butene	ND	89	87	2.3	73	76	4.0
Trichloroethene	ND	94	92	2.2	92	99	7.3
Trichlorofluoromethane	ND	104	101	2.9	93	98	5.2

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Trichlorotrifluoroethane	ND	98	95	3.1	88	99	11.8
Vinyl chloride	ND	94	90	4.3	87	88	1.1
% 1,2-dichlorobenzene-d4	103	102	100	2.0	99	102	3.0
% Bromofluorobenzene	86	109	107	1.9	110	110	0.0
% Dibromofluoromethane	93	95	94	1.1	98	100	2.0
% Toluene-d8	93	95	95	0.0	90	90	0.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 130320, QC Sample No: AR87876 (AR87876, AR87891)

Volatiles

1,1,1,2-Tetrachloroethane	ND	118	113	4.3	93	99	6.3
1,1,1-Trichloroethane	ND	118	97	19.5	81	83	2.4
1,1,2,2-Tetrachloroethane	ND	103	97	6.0	92	102	10.3
1,1,2-Trichloroethane	ND	116	92	23.1	92	100	8.3
1,1-Dichloroethane	ND	114	96	17.1	85	89	4.6
1,1-Dichloroethene	ND	110	92	17.8	81	86	6.0
1,1-Dichloropropene	ND	121	101	18.0	91	93	2.2
1,2,3-Trichlorobenzene	ND	126	112	11.8	86	95	9.9
1,2,3-Trichloropropane	ND	130	113	14.0	97	102	5.0
1,2,4-Trichlorobenzene	ND	123	109	12.1	90	102	12.5
1,2,4-Trimethylbenzene	ND	111	104	6.5	92	100	8.3
1,2-Dibromo-3-chloropropane	ND	109	103	5.7	99	103	4.0
1,2-Dichlorobenzene	ND	114	101	12.1	91	97	6.4
1,2-Dichloroethane	ND	>130	108	NC	92	92	0.0
1,2-Dichloropropane	ND	107	94	12.9	92	94	2.2
1,3,5-Trimethylbenzene	ND	107	100	6.8	92	98	6.3
1,3-Dichlorobenzene	ND	111	102	8.5	92	99	7.3
1,3-Dichloropropane	ND	119	110	7.9	96	102	6.1
1,4-Dichlorobenzene	ND	102	98	4.0	86	94	8.9
2,2-Dichloropropane	ND	70	<70	NC	37	38	2.7
2-Chlorotoluene	ND	102	97	5.0	90	97	7.5
2-Hexanone	ND	116	107	8.1	92	106	14.1
2-Isopropyltoluene	ND	108	100	7.7	90	97	7.5
4-Chlorotoluene	ND	109	100	8.6	92	97	5.3
4-Methyl-2-pentanone	ND	>130	105	NC	100	106	5.8
Acetone	ND	>130	115	NC	79	103	26.4
Acrylonitrile	ND	130	99	27.1	93	96	3.2
Benzene	ND	108	98	9.7	93	98	5.2
Bromobenzene	ND	107	100	6.8	91	98	7.4
Bromochloromethane	ND	127	101	22.8	93	92	1.1
Bromodichloromethane	ND	128	100	24.6	91	98	7.4
Bromoform	ND	>130	121	NC	98	100	2.0
Bromomethane	ND	99	97	2.0	70	78	10.8
Carbon Disulfide	ND	114	90	23.5	79	79	0.0
Carbon tetrachloride	ND	126	106	17.2	84	89	5.8
Chlorobenzene	ND	107	103	3.8	91	99	8.4
Chloroethane	ND	117	90	26.1	91	85	6.8
Chloroform	ND	118	94	22.6	85	84	1.2
Chloromethane	ND	105	75	33.3	77	70	9.5
cis-1,2-Dichloroethene	ND	117	100	15.7	88	92	4.4
cis-1,3-Dichloropropene	ND	115	88	26.6	87	93	6.7
Dibromochloromethane	ND	121	115	5.1	94	100	6.2

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1,2-Tetrachloroethane	ND	118	113	4.3	93	99	6.3
1,1,1-Trichloroethane	ND	118	97	19.5	81	83	2.4
1,1,2,2-Tetrachloroethane	ND	103	97	6.0	92	102	10.3
1,1,2-Trichloroethane	ND	116	92	23.1	92	100	8.3
1,1-Dichloroethane	ND	114	96	17.1	85	89	4.6
1,1-Dichloroethene	ND	110	92	17.8	81	86	6.0
1,1-Dichloropropene	ND	121	101	18.0	91	93	2.2
1,2,3-Trichlorobenzene	ND	126	112	11.8	86	95	9.9
1,2,3-Trichloropropane	ND	130	113	14.0	97	102	5.0
1,2,4-Trichlorobenzene	ND	123	109	12.1	90	102	12.5
1,2,4-Trimethylbenzene	ND	111	104	6.5	92	100	8.3
1,2-Dibromo-3-chloropropane	ND	109	103	5.7	99	103	4.0
1,2-Dichlorobenzene	ND	114	101	12.1	91	97	6.4
1,2-Dichloroethane	ND	>130	108	NC	92	92	0.0
1,2-Dichloropropane	ND	107	94	12.9	92	94	2.2
1,3,5-Trimethylbenzene	ND	107	100	6.8	92	98	6.3
1,3-Dichlorobenzene	ND	111	102	8.5	92	99	7.3
1,3-Dichloropropane	ND	119	110	7.9	96	102	6.1
1,4-Dichlorobenzene	ND	102	98	4.0	86	94	8.9
2,2-Dichloropropane	ND	70	<70	NC	37	38	2.7
2-Chlorotoluene	ND	102	97	5.0	90	97	7.5
2-Hexanone	ND	116	107	8.1	92	106	14.1
2-Isopropyltoluene	ND	108	100	7.7	90	97	7.5
4-Chlorotoluene	ND	109	100	8.6	92	97	5.3
4-Methyl-2-pentanone	ND	>130	105	NC	100	106	5.8
Acetone	ND	>130	115	NC	79	103	26.4
Acrylonitrile	ND	130	99	27.1	93	96	3.2
Benzene	ND	108	98	9.7	93	98	5.2
Bromobenzene	ND	107	100	6.8	91	98	7.4
Bromochloromethane	ND	127	101	22.8	93	92	1.1
Bromodichloromethane	ND	128	100	24.6	91	98	7.4
Bromoform	ND	>130	121	NC	98	100	2.0
Bromomethane	ND	99	97	2.0	70	78	10.8
Carbon Disulfide	ND	114	90	23.5	79	79	0.0
Carbon tetrachloride	ND	126	106	17.2	84	89	5.8
Chlorobenzene	ND	107	103	3.8	91	99	8.4
Chloroethane	ND	117	90	26.1	91	85	6.8
Chloroform	ND	118	94	22.6	85	84	1.2
Chloromethane	ND	105	75	33.3	77	70	9.5
cis-1,2-Dichloroethene	ND	117	100	15.7	88	92	4.4
cis-1,3-Dichloropropene	ND	115	88	26.6	87	93	6.7
Dibromochloromethane	ND	121	115	5.1	94	100	6.2
Dibromoethane	ND	122	96	23.9	93	102	9.2
Dibromomethane	ND	119	101	16.4	89	92	3.3
Dichlorodifluoromethane	ND	118	91	25.8	72	70	2.8
Ethylbenzene	ND	110	104	5.6	93	100	7.3
Hexachlorobutadiene	ND	112	100	11.3	83	88	5.8
Isopropylbenzene	ND	96	90	6.5	88	97	9.7
m&p-Xylene	ND	112	108	3.6	94	102	8.2
Methyl ethyl ketone	ND	112	97	14.4	81	91	11.6
Methyl t-butyl ether (MTBE)	ND	>130	108	NC	90	95	5.4
Methylene chloride	ND	120	94	24.3	88	87	1.1
Naphthalene	ND	126	113	10.9	90	100	10.5

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
n-Butylbenzene	ND	113	106	6.4	94	98	4.2
n-Propylbenzene	ND	104	97	7.0	90	96	6.5
o-Xylene	ND	112	107	4.6	92	101	9.3
p-Isopropyltoluene	ND	109	103	5.7	91	97	6.4
sec-Butylbenzene	ND	104	98	5.9	90	94	4.3
Styrene	ND	117	112	4.4	96	102	6.1
tert-Butylbenzene	ND	104	100	3.9	89	98	9.6
Tetrachloroethene	ND	105	100	4.9	89	96	7.6
Tetrahydrofuran (THF)	ND	126	96	27.0	90	95	5.4
Toluene	ND	109	87	22.4	91	97	6.4
trans-1,2-Dichloroethene	ND	111	96	14.5	83	90	8.1
trans-1,3-Dichloropropene	ND	124	98	23.4	78	90	14.3
trans-1,4-dichloro-2-butene	ND	100	89	11.6	69	72	4.3
Trichloroethene	ND	107	99	7.8	90	96	6.5
Trichlorofluoromethane	ND	127	104	19.9	81	79	2.5
Trichlorotrifluoroethane	ND	115	97	17.0	77	81	5.1
Vinyl chloride	ND	113	85	28.3	79	79	0.0
% 1,2-dichlorobenzene-d4	106	106	100	5.8	102	100	2.0
% Bromofluorobenzene	94	110	110	0.0	98	100	2.0
% Dibromofluoromethane	112	106	98	7.8	96	93	3.2
% Toluene-d8	100	100	85	16.2	97	100	3.0

Comment:

LFB was analysed with this batch instead of matrix spike .

QA/QC Batch 130346, QC Sample No: AR87890 (AR87879, AR87890)

Volatiles

1,1,1,2-Tetrachloroethane	ND	94	95	1.1	111	111	0.0
1,1,1-Trichloroethane	ND	83	86	3.6	122	119	2.5
1,1,2,2-Tetrachloroethane	ND	93	90	3.3	88	90	2.2
1,1,2-Trichloroethane	ND	94	90	4.3	96	99	3.1
1,1-Dichloroethane	ND	89	92	3.3	103	108	4.7
1,1-Dichloroethene	ND	85	88	3.5	97	112	14.4
1,1-Dichloropropene	ND	92	96	4.3	115	123	6.7
1,2,3-Trichlorobenzene	ND	105	110	4.7	77	106	31.7
1,2,3-Trichloropropane	ND	108	106	1.9	129	101	24.3
1,2,4-Trichlorobenzene	ND	106	106	0.0	89	107	18.4
1,2,4-Trimethylbenzene	ND	99	103	4.0	103	108	4.7
1,2-Dibromo-3-chloropropane	ND	92	84	9.1	84	85	1.2
1,2-Dichlorobenzene	ND	97	100	3.0	98	102	4.0
1,2-Dichloroethane	ND	91	88	3.4	117	118	0.9
1,2-Dichloropropane	ND	95	97	2.1	92	94	2.2
1,3,5-Trimethylbenzene	ND	96	101	5.1	101	107	5.8
1,3-Dichlorobenzene	ND	97	101	4.0	98	103	5.0
1,3-Dichloropropane	ND	100	101	1.0	100	103	3.0
1,4-Dichlorobenzene	ND	90	92	2.2	89	94	5.5
2,2-Dichloropropane	ND	88	90	2.2	92	94	2.2
2-Chlorotoluene	ND	94	99	5.2	95	101	6.1
2-Hexanone	ND	96	89	7.6	85	82	3.6
2-Isopropyltoluene	ND	95	101	6.1	99	105	5.9
4-Chlorotoluene	ND	99	107	7.8	98	107	8.8
4-Methyl-2-pentanone	ND	99	91	8.4	97	98	1.0
Acetone	ND	85	<70	NC	107	116	8.1
Acrylonitrile	ND	100	89	11.6	93	93	0.0

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Benzene	ND	94	99	5.2	98	102	4.0
Bromobenzene	ND	96	99	3.1	96	102	6.1
Bromochloromethane	ND	94	95	1.1	108	113	4.5
Bromodichloromethane	ND	94	95	1.1	110	113	2.7
Bromoform	ND	93	91	2.2	118	112	5.2
Bromomethane	ND	81	84	3.6	91	110	18.9
Carbon Disulfide	ND	90	95	5.4	99	116	15.8
Carbon tetrachloride	ND	85	89	4.6	129	134	3.8
Chlorobenzene	ND	95	99	4.1	100	102	2.0
Chloroethane	ND	91	76	18.0	109	118	7.9
Chloroform	ND	87	87	0.0	111	113	1.8
Chloromethane	ND	82	87	5.9	84	100	17.4
cis-1,2-Dichloroethene	ND	96	98	2.1	104	106	1.9
cis-1,3-Dichloropropene	ND	99	100	1.0	101	104	2.9
Dibromochloromethane	ND	94	94	0.0	108	109	0.9
Dibromoethane	ND	92	90	2.2	96	100	4.1
Dibromomethane	ND	90	87	3.4	100	104	3.9
Dichlorodifluoromethane	ND	83	86	3.6	99	118	17.5
Ethylbenzene	ND	96	100	4.1	104	107	2.8
Hexachlorobutadiene	ND	96	99	3.1	96	106	9.9
Isopropylbenzene	ND	91	97	6.4	94	101	7.2
m&p-Xylene	ND	98	100	2.0	107	110	2.8
Methyl ethyl ketone	ND	81	83	2.4	86	77	11.0
Methyl t-butyl ether (MTBE)	ND	90	86	4.5	101	112	10.3
Methylene chloride	ND	93	95	2.1	97	110	12.6
Naphthalene	ND	112	106	5.5	75	102	30.5
n-Butylbenzene	ND	103	110	6.6	103	111	7.5
n-Propylbenzene	ND	99	105	5.9	98	103	5.0
o-Xylene	ND	96	98	2.1	106	109	2.8
p-Isopropyltoluene	ND	100	106	5.8	102	108	5.7
sec-Butylbenzene	ND	95	101	6.1	99	104	4.9
Styrene	ND	97	100	3.0	110	110	0.0
tert-Butylbenzene	ND	94	100	6.2	100	105	4.9
Tetrachloroethene	ND	95	100	5.1	102	107	4.8
Tetrahydrofuran (THF)	ND	99	94	5.2	90	93	3.3
Toluene	ND	94	96	2.1	100	102	2.0
trans-1,2-Dichloroethene	ND	89	93	4.4	98	109	10.6
trans-1,3-Dichloropropene	ND	98	96	2.1	101	103	2.0
trans-1,4-dichloro-2-butene	ND	102	96	6.1	85	88	3.5
Trichloroethene	ND	92	96	4.3	97	103	6.0
Trichlorofluoromethane	ND	88	92	4.4	121	130	7.2
Trichlorotrifluoroethane	ND	88	91	3.4	101	116	13.8
Vinyl chloride	ND	89	93	4.4	90	109	19.1
% 1,2-dichlorobenzene-d4	101	98	98	0.0	101	101	0.0
% Bromofluorobenzene	82	98	97	1.0	116	113	2.6
% Dibromofluoromethane	95	95	93	2.1	113	114	0.9
% Toluene-d8	97	96	98	2.1	100	100	0.0

Comment:

LFB was analysed with this batch instaed of matrix spike.

QA/QC Batch 130350, QC Sample No: AR88307 (AR87874, AR87880, AR87889)

Volatiles

1,1,1,2-Tetrachloroethane	ND	94	95	1.1	108	107	0.9

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1-Trichloroethane	ND	82	83	1.2	101	99	2.0
1,1,2,2-Tetrachloroethane	ND	94	95	1.1	90	90	0.0
1,1,2-Trichloroethane	ND	90	92	2.2	78	78	0.0
1,1-Dichloroethane	ND	87	88	1.1	93	92	1.1
1,1-Dichloroethene	ND	84	84	0.0	95	97	2.1
1,1-Dichloropropene	ND	91	91	0.0	100	101	1.0
1,2,3-Trichlorobenzene	ND	100	102	2.0	85	99	15.2
1,2,3-Trichloropropane	ND	105	102	2.9	95	101	6.1
1,2,4-Trichlorobenzene	ND	100	100	0.0	95	100	5.1
1,2,4-Trimethylbenzene	ND	102	105	2.9	107	104	2.8
1,2-Dibromo-3-chloropropane	ND	86	87	1.2	87	93	6.7
1,2-Dichlorobenzene	ND	96	99	3.1	96	96	0.0
1,2-Dichloroethane	ND	84	85	1.2	101	99	2.0
1,2-Dichloropropane	ND	96	100	4.1	78	77	1.3
1,3,5-Trimethylbenzene	ND	102	103	1.0	107	103	3.8
1,3-Dichlorobenzene	ND	101	102	1.0	101	98	3.0
1,3-Dichloropropane	ND	97	101	4.0	94	96	2.1
1,4-Dichlorobenzene	ND	97	97	0.0	95	95	0.0
2,2-Dichloropropane	ND	84	85	1.2	79	78	1.3
2-Chlorotoluene	ND	99	101	2.0	101	96	5.1
2-Hexanone	ND	91	90	1.1	80	84	4.9
2-Isopropyltoluene	ND	99	102	3.0	104	101	2.9
4-Chlorotoluene	ND	102	102	0.0	100	98	2.0
4-Methyl-2-pentanone	ND	94	100	6.2	78	78	0.0
Acetone	ND	90	78	14.3	89	89	0.0
Acrylonitrile	ND	95	94	1.1	81	89	9.4
Benzene	ND	91	94	3.2	96	96	0.0
Bromobenzene	ND	102	101	1.0	95	96	1.0
Bromochloromethane	ND	88	88	0.0	92	92	0.0
Bromodichloromethane	ND	96	99	3.1	93	92	1.1
Bromoform	ND	94	93	1.1	112	114	1.8
Bromomethane	ND	95	88	7.7	103	103	0.0
Carbon Disulfide	ND	83	84	1.2	89	94	5.5
Carbon tetrachloride	ND	86	87	1.2	112	112	0.0
Chlorobenzene	ND	95	98	3.1	97	98	1.0
Chloroethane	ND	84	86	2.4	88	88	0.0
Chloroform	ND	83	84	1.2	94	92	2.2
Chloromethane	ND	82	73	11.6	72	74	2.7
cis-1,2-Dichloroethene	ND	94	93	1.1	91	93	2.2
cis-1,3-Dichloropropene	ND	97	98	1.0	81	82	1.2
Dibromochloromethane	ND	93	92	1.1	107	104	2.8
Dibromoethane	ND	91	94	3.2	79	81	2.5
Dibromomethane	ND	98	90	8.5	90	93	3.3
Dichlorodifluoromethane	ND	79	77	2.6	82	91	10.4
Ethylbenzene	ND	98	101	3.0	102	102	0.0
Hexachlorobutadiene	ND	93	97	4.2	98	102	4.0
Isopropylbenzene	ND	96	99	3.1	98	96	2.1
m&p-Xylene	ND	100	100	0.0	104	104	0.0
Methyl ethyl ketone	ND	83	81	2.4	81	87	7.1
Methyl t-butyl ether (MTBE)	ND	82	82	0.0	90	92	2.2
Methylene chloride	ND	86	87	1.2	87	90	3.4
Naphthalene	ND	101	100	1.0	81	97	18.0
n-Butylbenzene	ND	104	106	1.9	105	103	1.9

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
n-Propylbenzene	ND	102	103	1.0	99	97	2.0
o-Xylene	ND	98	100	2.0	106	105	0.9
p-Isopropyltoluene	ND	104	106	1.9	105	103	1.9
sec-Butylbenzene	ND	99	100	1.0	102	100	2.0
Styrene	ND	100	101	1.0	107	106	0.9
tert-Butylbenzene	ND	101	103	2.0	107	105	1.9
Tetrachloroethene	ND	95	95	0.0	101	101	0.0
Tetrahydrofuran (THF)	ND	86	87	1.2	75	83	10.1
Toluene	ND	96	97	1.0	81	83	2.4
trans-1,2-Dichloroethene	ND	87	89	2.3	96	96	0.0
trans-1,3-Dichloropropene	ND	96	100	4.1	88	89	1.1
trans-1,4-dichloro-2-butene	ND	100	98	2.0	85	83	2.4
Trichloroethene	ND	92	92	0.0	98	101	3.0
Trichlorofluoromethane	ND	84	86	2.4	101	101	0.0
Trichlorotrifluoroethane	ND	89	87	2.3	98	100	2.0
Vinyl chloride	ND	85	84	1.2	79	82	3.7
% 1,2-dichlorobenzene-d4	102	98	98	0.0	99	100	1.0
% Bromofluorobenzene	85	99	96	3.1	111	111	0.0
% Dibromofluoromethane	90	94	88	6.6	95	95	0.0
% Toluene-d8	99	98	99	1.0	80	82	2.5

Comment:

LFB was analysed with this batch instead of MS/MSD

QA/QC Batch 130347, QC Sample No: AR88684 (AR87890)

Volatiles

1,1,1,2-Tetrachloroethane	ND	117	111	5.3	117	104	11.8
1,1,1-Trichloroethane	ND	125	113	10.1	130	104	22.2
1,1,2,2-Tetrachloroethane	ND	94	92	2.2	95	91	4.3
1,1,2-Trichloroethane	ND	105	103	1.9	104	98	5.9
1,1-Dichloroethane	ND	112	104	7.4	110	99	10.5
1,1-Dichloroethene	ND	111	99	11.4	103	94	9.1
1,1-Dichloropropene	ND	122	115	5.9	125	110	12.8
1,2,3-Trichlorobenzene	ND	118	120	1.7	103	111	7.5
1,2,3-Trichloropropane	ND	>130	113	NC	109	101	7.6
1,2,4-Trichlorobenzene	ND	112	113	0.9	106	103	2.9
1,2,4-Trimethylbenzene	ND	104	99	4.9	108	98	9.7
1,2-Dibromo-3-chloropropane	ND	110	101	8.5	110	113	2.7
1,2-Dichlorobenzene	ND	104	100	3.9	105	97	7.9
1,2-Dichloroethane	ND	>130	124	NC	134	111	18.8
1,2-Dichloropropane	ND	101	93	8.2	94	92	2.2
1,3,5-Trimethylbenzene	ND	102	96	6.1	105	96	9.0
1,3-Dichlorobenzene	ND	102	99	3.0	104	96	8.0
1,3-Dichloropropane	ND	110	104	5.6	104	101	2.9
1,4-Dichlorobenzene	ND	95	91	4.3	97	88	9.7
2,2-Dichloropropane	ND	78	<70	NC	68	55	21.1
2-Chlorotoluene	ND	95	90	5.4	98	91	7.4
2-Hexanone	ND	102	99	3.0	81	88	8.3
2-Isopropyltoluene	ND	102	96	6.1	104	95	9.0
4-Chlorotoluene	ND	102	99	3.0	102	97	5.0
4-Methyl-2-pentanone	ND	121	119	1.7	112	108	3.6
Acetone	ND	118	>130	NC	<30	95	NC
Acrylonitrile	ND	105	108	2.8	97	99	2.0
Benzene	ND	100	96	4.1	103	95	8.1

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromobenzene	ND	99	97	2.0	99	95	4.1
Bromochloromethane	ND	124	118	5.0	117	110	6.2
Bromodichloromethane	ND	126	118	6.6	120	107	11.5
Bromoform	ND	128	123	4.0	123	112	9.4
Bromomethane	ND	110	95	14.6	102	93	9.2
Carbon Disulfide	ND	123	112	9.4	99	92	7.3
Carbon tetrachloride	ND	>130	124	NC	141	114	21.2
Chlorobenzene	ND	103	96	7.0	101	93	8.2
Chloroethane	ND	105	90	15.4	78	104	28.6
Chloroform	ND	118	110	7.0	119	103	14.4
Chloromethane	ND	104	94	10.1	95	86	9.9
cis-1,2-Dichloroethene	ND	113	106	6.4	111	102	8.5
cis-1,3-Dichloropropene	ND	107	102	4.8	103	97	6.0
Dibromochloromethane	ND	118	113	4.3	116	103	11.9
Dibromoethane	ND	109	108	0.9	111	101	9.4
Dibromomethane	ND	111	108	2.7	108	101	6.7
Dichlorodifluoromethane	ND	120	107	11.5	126	105	18.2
Ethylbenzene	ND	102	97	5.0	102	93	9.2
Hexachlorobutadiene	ND	107	99	7.8	102	97	5.0
Isopropylbenzene	ND	88	86	2.3	97	90	7.5
m&p-Xylene	ND	108	101	6.7	108	96	11.8
Methyl ethyl ketone	ND	108	92	16.0	<30	87	NC
Methyl t-butyl ether (MTBE)	ND	>130	129	NC	124	114	8.4
Methylene chloride	ND	115	112	2.6	105	100	4.9
Naphthalene	ND	108	110	1.8	109	114	4.5
n-Butylbenzene	ND	106	99	6.8	107	97	9.8
n-Propylbenzene	ND	97	92	5.3	100	91	9.4
o-Xylene	ND	112	104	7.4	108	94	13.9
p-Isopropyltoluene	ND	103	98	5.0	102	96	6.1
sec-Butylbenzene	ND	97	92	5.3	101	92	9.3
Styrene	ND	115	110	4.4	111	98	12.4
tert-Butylbenzene	ND	99	94	5.2	104	95	9.0
Tetrachloroethene	ND	101	95	6.1	102	92	10.3
Tetrahydrofuran (THF)	ND	116	106	9.0	*NC	96	NC
Toluene	ND	102	96	6.1	104	94	10.1
trans-1,2-Dichloroethene	ND	113	105	7.3	102	95	7.1
trans-1,3-Dichloropropene	ND	119	111	7.0	111	96	14.5
trans-1,4-dichloro-2-butene	ND	88	87	1.1	78	77	1.3
Trichloroethene	ND	103	96	7.0	103	95	8.1
Trichlorofluoromethane	ND	>130	125	NC	132	105	22.8
Trichlorotrifluoroethane	ND	119	108	9.7	110	95	14.6
Vinyl chloride	ND	106	97	8.9	98	93	5.2
% 1,2-dichlorobenzene-d4	106	103	99	4.0	104	103	1.0
% Bromofluorobenzene	95	117	112	4.4	116	105	10.0
% Dibromofluoromethane	117	123	119	3.3	116	119	2.6
% Toluene-d8	97	101	99	2.0	98	99	1.0

Comment:

LFB was analysed with this batch instead of MS/MSD

QA/QC Batch 130377, QC Sample No: AR89049 (AR87875)

Volatiles

1,1,1,2-Tetrachloroethane	ND	111	107	3.7	114	102	11.1
1,1,1-Trichloroethane	ND	122	115	5.9	127	112	12.6

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,2,2-Tetrachloroethane	ND	90	88	2.2	89	84	5.8
1,1,2-Trichloroethane	ND	103	100	3.0	100	94	6.2
1,1-Dichloroethane	ND	108	105	2.8	115	101	13.0
1,1-Dichloroethene	ND	106	100	5.8	115	103	11.0
1,1-Dichloropropene	ND	117	114	2.6	130	112	14.9
1,2,3-Trichlorobenzene	ND	109	116	6.2	79	95	18.4
1,2,3-Trichloropropane	ND	113	113	0.0	125	118	5.8
1,2,4-Trichlorobenzene	ND	101	104	2.9	89	94	5.5
1,2,4-Trimethylbenzene	ND	100	98	2.0	107	95	11.9
1,2-Dibromo-3-chloropropane	ND	109	105	3.7	84	92	9.1
1,2-Dichlorobenzene	ND	99	100	1.0	100	91	9.4
1,2-Dichloroethane	ND	129	124	4.0	125	117	6.6
1,2-Dichloropropane	ND	92	92	0.0	97	86	12.0
1,3,5-Trimethylbenzene	ND	97	94	3.1	106	94	12.0
1,3-Dichlorobenzene	ND	96	96	0.0	100	91	9.4
1,3-Dichloropropane	ND	104	103	1.0	102	97	5.0
1,4-Dichlorobenzene	ND	90	89	1.1	92	82	11.5
2,2-Dichloropropane	ND	110	100	9.5	92	82	11.5
2-Chlorotoluene	ND	90	88	2.2	97	88	9.7
2-Hexanone	ND	80	101	23.2	79	87	9.6
2-Isopropyltoluene	ND	98	96	2.1	104	93	11.2
4-Chlorotoluene	ND	96	96	0.0	102	94	8.2
4-Methyl-2-pentanone	ND	108	106	1.9	98	97	1.0
Acetone	ND	106	108	1.9	104	*NC	NC
Acrylonitrile	ND	108	110	1.8	103	96	7.0
Benzene	ND	96	92	4.3	108	95	12.8
Bromobenzene	ND	93	94	1.1	97	90	7.5
Bromochloromethane	ND	121	117	3.4	118	108	8.8
Bromodichloromethane	ND	120	116	3.4	118	106	10.7
Bromoform	ND	120	117	2.5	113	108	4.5
Bromomethane	ND	114	107	6.3	61	78	24.5
Carbon Disulfide	ND	108	104	3.8	112	100	11.3
Carbon tetrachloride	ND	>130	125	NC	141	124	12.8
Chlorobenzene	ND	98	94	4.2	101	92	9.3
Chloroethane	ND	96	106	9.9	115	101	13.0
Chloroform	ND	117	110	6.2	118	107	9.8
Chloromethane	ND	94	91	3.2	99	86	14.1
cis-1,2-Dichloroethene	ND	108	107	0.9	113	101	11.2
cis-1,3-Dichloropropene	ND	108	105	2.8	105	97	7.9
Dibromochloromethane	ND	111	109	1.8	110	104	5.6
Dibromoethane	ND	101	109	7.6	103	98	5.0
Dibromomethane	ND	107	106	0.9	107	98	8.8
Dichlorodifluoromethane	ND	121	111	8.6	127	115	9.9
Ethylbenzene	ND	98	94	4.2	106	95	10.9
Hexachlorobutadiene	ND	103	105	1.9	101	95	6.1
Isopropylbenzene	ND	85	84	1.2	99	89	10.6
m&p-Xylene	ND	102	97	5.0	108	98	9.7
Methyl ethyl ketone	ND	92	101	9.3	87	85	2.3
Methyl t-butyl ether (MTBE)	ND	127	125	1.6	124	112	10.2
Methylene chloride	ND	112	111	0.9	111	103	7.5
Naphthalene	ND	105	103	1.9	76	95	22.2
n-Butylbenzene	ND	102	100	2.0	106	94	12.0
n-Propylbenzene	ND	92	90	2.2	101	90	11.5

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
o-Xylene	ND	102	98	4.0	108	98	9.7
p-Isopropyltoluene	ND	101	98	3.0	106	94	12.0
sec-Butylbenzene	ND	94	92	2.2	102	91	11.4
Styrene	ND	105	100	4.9	109	100	8.6
tert-Butylbenzene	ND	96	94	2.1	104	93	11.2
Tetrachloroethene	ND	97	90	7.5	104	93	11.2
Tetrahydrofuran (THF)	ND	110	120	8.7	93	92	1.1
Toluene	ND	97	94	3.1	105	94	11.1
trans-1,2-Dichloroethene	ND	107	99	7.8	112	102	9.3
trans-1,3-Dichloropropene	ND	116	117	0.9	107	99	7.8
trans-1,4-dichloro-2-butene	ND	96	98	2.1	81	75	7.7
Trichloroethene	ND	95	94	1.1	107	94	12.9
Trichlorofluoromethane	ND	>130	129	NC	127	117	8.2
Trichlorotrifluoroethane	ND	118	110	7.0	117	102	13.7
Vinyl chloride	ND	102	96	6.1	105	94	11.1
% 1,2-dichlorobenzene-d4	97	102	106	3.8	102	96	6.1
% Bromofluorobenzene	98	113	113	0.0	112	112	0.0
% Dibromofluoromethane	122	122	121	0.8	119	114	4.3
% Toluene-d8	98	98	101	3.0	102	102	0.0

Comment:

A blank MS/MSD was analzyed with this batch.

QA/QC Batch 130438, QC Sample No: AR89050 (AR87885)

Volatiles

1,1,1,2-Tetrachloroethane	ND	115	112	2.6	115	104	10.0
1,1,1-Trichloroethane	ND	103	93	10.2	106	95	10.9
1,1,2,2-Tetrachloroethane	ND	91	91	0.0	90	87	3.4
1,1,2-Trichloroethane	ND	78	76	2.6	78	78	0.0
1,1-Dichloroethane	ND	96	89	7.6	96	88	8.7
1,1-Dichloroethene	ND	95	85	11.1	98	89	9.6
1,1-Dichloropropene	ND	100	92	8.3	102	93	9.2
1,2,3-Trichlorobenzene	ND	108	109	0.9	87	95	8.8
1,2,3-Trichloropropane	ND	111	104	6.5	104	99	4.9
1,2,4-Trichlorobenzene	ND	106	103	2.9	97	96	1.0
1,2,4-Trimethylbenzene	ND	102	97	5.0	110	99	10.5
1,2-Dibromo-3-chloropropane	ND	109	105	3.7	99	89	10.6
1,2-Dichlorobenzene	ND	99	96	3.1	98	92	6.3
1,2-Dichloroethane	ND	112	105	6.5	105	103	1.9
1,2-Dichloropropane	ND	87	85	2.3	78	75	3.9
1,3,5-Trimethylbenzene	ND	99	94	5.2	107	98	8.8
1,3-Dichlorobenzene	ND	98	94	4.2	101	95	6.1
1,3-Dichloropropane	ND	107	104	2.8	100	96	4.1
1,4-Dichlorobenzene	ND	95	92	3.2	99	92	7.3
2,2-Dichloropropane	ND	92	81	12.7	75	66	12.8
2-Chlorotoluene	ND	91	88	3.4	99	92	7.3
2-Hexanone	ND	89	100	11.6	81	82	1.2
2-Isopropyltoluene	ND	99	95	4.1	105	96	9.0
4-Chlorotoluene	ND	92	89	3.3	100	92	8.3
4-Methyl-2-pentanone	ND	81	83	2.4	77	76	1.3
Acetone	ND	109	102	6.6	107	99	7.8
Acrylonitrile	ND	99	97	2.0	92	89	3.3
Benzene	ND	94	91	3.2	100	93	7.3
Bromobenzene	ND	95	90	5.4	98	91	7.4

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Bromochloromethane	ND	102	91	11.4	96	90	6.5
Bromodichloromethane	ND	97	92	5.3	94	90	4.3
Bromoform	ND	121	119	1.7	119	114	4.3
Bromomethane	ND	86	81	6.0	97	90	7.5
Carbon Disulfide	ND	87	82	5.9	88	80	9.5
Carbon tetrachloride	ND	114	103	10.1	116	106	9.0
Chlorobenzene	ND	98	95	3.1	102	92	10.3
Chloroethane	ND	86	83	3.6	94	87	7.7
Chloroform	ND	97	90	7.5	97	89	8.6
Chloromethane	ND	<70	<70	NC	78	69	12.2
cis-1,2-Dichloroethene	ND	100	92	8.3	96	84	13.3
cis-1,3-Dichloropropene	ND	85	81	4.8	81	79	2.5
Dibromochloromethane	ND	116	114	1.7	111	104	6.5
Dibromoethane	ND	83	82	1.2	79	80	1.3
Dibromomethane	ND	102	97	5.0	95	90	5.4
Dichlorodifluoromethane	ND	94	84	11.2	98	87	11.9
Ethylbenzene	ND	100	96	4.1	107	97	9.8
Hexachlorobutadiene	ND	104	97	7.0	102	96	6.1
Isopropylbenzene	ND	84	83	1.2	102	90	12.5
m&p-Xylene	ND	104	100	3.9	112	100	11.3
Methyl ethyl ketone	ND	92	100	8.3	90	76	16.9
Methyl t-butyl ether (MTBE)	ND	107	102	4.8	98	91	7.4
Methylene chloride	ND	95	89	6.5	93	89	4.4
Naphthalene	ND	106	97	8.9	94	95	1.1
n-Butylbenzene	ND	102	96	6.1	106	95	10.9
n-Propylbenzene	ND	91	88	3.4	98	90	8.5
o-Xylene	ND	106	102	3.8	111	100	10.4
p-Isopropyltoluene	ND	101	97	4.0	106	96	9.9
sec-Butylbenzene	ND	95	90	5.4	103	94	9.1
Styrene	ND	108	106	1.9	110	100	9.5
tert-Butylbenzene	ND	99	94	5.2	108	99	8.7
Tetrachloroethene	ND	97	95	2.1	103	93	10.2
Tetrahydrofuran (THF)	ND	95	90	5.4	82	74	10.3
Toluene	ND	75	71	5.5	81	76	6.4
trans-1,2-Dichloroethene	ND	98	90	8.5	99	89	10.6
trans-1,3-Dichloropropene	ND	93	89	4.4	85	85	0.0
trans-1,4-dichloro-2-butene	ND	95	92	3.2	77	77	0.0
Trichloroethene	ND	98	91	7.4	101	94	7.2
Trichlorofluoromethane	ND	113	101	11.2	107	93	14.0
Trichlorotrifluoroethane	ND	102	90	12.5	101	90	11.5
Vinyl chloride	ND	81	73	10.4	85	77	9.9
% 1,2-dichlorobenzene-d4	98	101	101	0.0	101	101	0.0
% Bromofluorobenzene	90	120	117	2.5	114	112	1.8
% Dibromofluoromethane	104	95	104	9.0	94	96	2.1
% Toluene-d8	78	76	76	0.0	78	80	2.5

Comment:

A blank MS/MSD was analzyed with this batch.

QA/QC Data

SDG I.D.: GAR87874

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
June 09, 2010

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** VHB

Project Location: ENVIRITE LF/THOMASTON **Project Number:**

Laboratory Sample ID(s): AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87887, AR87888, AR87889, AR87890, AR87891

Sampling Date(s): 6/22/2009, 6/23/2009

RCP Methods Used:

☐ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☐ 8082 ☐ 8151 ☑ 8260 ☐ 8270 ☐ ETPH ☑ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☑ Yes ☐ No ☐ NA

Note: **For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"**

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Date: Wednesday, June 09, 2010
Printed Name: Greg Lawrence
Position: Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

Volatile 8260 analysis:
The reporting level for Acrylonitrile is above the GWP criteria.
Dibromoethane doesn't meet GWP criteria, this compound is analyzed by GC/FID method 504 or 8011 when this criteria needs to be met.

For sample ID ar87874 and AR87875 several of the volatile organic constituents did not meet the GWPC due to the concentration of target an non-target compounds.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Lachat 06/18/09-1 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

Printed Name Jon Carlson
Position: Chemist
Date: 6/18/2009

QC Comments: QC Batch 30010 06/24/09 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)

QC (Batch Specific)

All LCS recoveries were within 85 - 115 with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 07/06/09-1 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.

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RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 7/6/2009

Instrument: Icp9 06/29/09-1 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87888, AR87889, AR87890, AR87891)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 6/29/2009

QC (Site Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: None.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within cr

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: Iron

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

Instrument: Chem08 06/24/09-5 (AR87874, AR87875, AR87876, AR87877, AR87878, AR87879, AR87880, AR87881, AR87882, AR87883, AR87884, AR87885, AR87886, AR87887, AR87888, AR87891)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0623R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: None.

S -Side
Initial Calibration (0623S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Acrolein, 2,2-Dichloropropane

Printed Name Johanna Harrington
Position: Chemist
Date: 6/24/2009

Instrument: Chem08 06/24/09-6 (AR87891)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0623R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%:

S -Side
Initial Calibration (0623S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Acrolein, 2,2-Dichloropropane, Tetrahydrofuran (THF)

Printed Name Raman Makol
Position: Chemist
Date: 6/24/2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

Instrument: Chem08 06/26/09-1 (AR87874, AR87879, AR87880, AR87889, AR87890)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0623R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%:

S -Side
Initial Calibration (0623S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: None.

Printed Name Raman Makol
Position: Chemist
Date: 6/26/2009

Instrument: Chem08 06/26/09-3 (AR87874, AR87880, AR87889)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0623R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%:

S -Side
Initial Calibration (0623S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: None.

Printed Name Raman Makol
Position: Chemist
Date: 6/26/2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

Instrument: Chem08 06/29/09-1 (AR87875)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0623R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Trichlorofluoromethane, Acrolein, Acetone, Tetrahydrofuran (THF), %
Dibromofluoromethane, Carbon Tetrachloride, 1,2-Dichloroethane

Printed Name Harry Mullin
Position: Chemist
Date: 6/29/2009

Instrument: Chem08 06/29/09-2 (AR87885)

This instrument is set up with a dual auto sampler (labeled R and S)

S -Side
Initial Calibration (0623S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Chloromethane

Printed Name Harry Mullin
Position: Chemist
Date: 6/29/2009

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAR87874

QC (Site Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2-Dichloroethane, 4-Methyl-2-pentanone, Acetone, Bromoform, Methyl butyl ether (MTBE)

All LCSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acetone

All LCS/LCSD RPDs were less than 20% with the following exceptions: 1,1,2-Trichloroethane, Acrylonitrile, Bromochloromethane, Bromodichloromethane, Carbon Disulfide, Chloroethane, Chloroform, Chloromethane, cis-1,3-Dichloropropene, Dibromoethane, Dichlorodifluoromethane, Methylene chloride, Tetrahydrofuran (THF), Toluene, trans-1,3-Dichloropropene, Vinyl chloride

All MS recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, trans-1,4-dichloro-2-butene

All MSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Carbon tetrachloride

All MS/MSD RPDs were less than 20% with the following exceptions: 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, Acetone, Naphthalene

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within cr

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichloropropane, 1,2-Dichloroethane, 2,2-Dichloropropane, Carbon tetrachloride, Chloromethane, Methyl t-butyl ether (MTBE), Trichlorofluoromethane

All LCSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acetone, Chloromethane

All LCS/LCSD RPDs were less than 20% with the following exceptions: 2-Hexanone, Chloroethane

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

Customer: JAB, INC
Address: 54 PINE PLACE, MIDDLETOWN, CT
Project: EMPIRE LANDFILL
Report to: PHIL FIORE
Invoice to: "
Project P.O.: 414126
Phone #: 860 632-1500
Fax #:
Sampler's Signature: BAR 6/24/09 Date

Matrix Code: DW=drinking water GW=groundwater WW=wastewater SL=sludge S=soil/solid A=air O=other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	NH3 TOC Chloride Nitrate Total Cyanide Nitrate Sulfate TDS TSS VOCs via 8260 Metals	Sol VOA (Methanol) 1oz	Sol Semivolatile (5 Bottles) 1oz	40 ml VOA Vial (4 vials) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	1 Liter Amber (1 bottle) 1oz	Bacteria Bottle
87874	MW-30	GW	6/23/09	1:25	X X X X X X				1							
87875	MW-31S			1:50						2	1	1	1	1		
87876	MW-33			12:50												
87877	MW-36			2:50												
87878	MW-41S			9:15												
87879	MW-41D			9:45												
87880	MW-41B			9:10												
87881	MW-42S			9:45												
87882	MW-42S DUP			9:45												
87883	MW-43S			10:20												
87884	MW-43D			10:30												
87885	MW-44D			11:40												

Relinquished by: Date: 6/24/09 Time: 9:55
Accepted by: 6/24 Le 17:00

Comments, Special Requirements or Regulations:
Ba, Cd, Cr, Cu, Fe, Mn, Na, Ni, Zn

Temp 6 Pg 1 of 2

Data Delivery: ☐ Fax #: ☒ Email: PAMEL@JAB.COM

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other
* SURCHARGE APPLIES

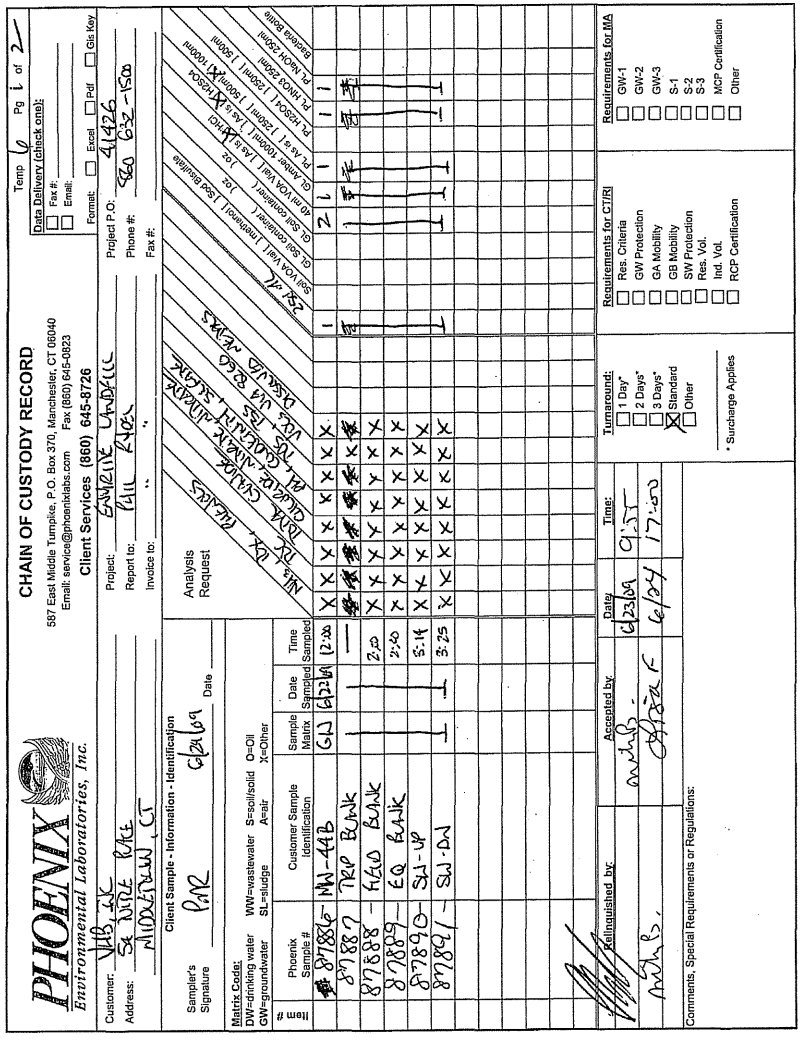
CT/RI: ☐ RCP Cert. ☐ GW Protect. ☐ GA Mobility ☐ GB Mobility ☐ SW Protect. ☐ Res. Vol. ☐ Ind. Vol. ☐ Res. Criteria ☐ Other

MA: ☐ MCP Cert. ☐ GW-1 ☐ GW-2 ☐ GW-3 ☐ S-1 ☐ S-2 ☐ S-3 ☐ MWRA eSMART ☐ Other

State where samples were collected: CT

Data Format: ☒ Excel ☒ PDF ☐ GIS/Key ☐ EQuIS ☐ Other

Data Package: ☐ ASP-A ☐ NJ Reduced Deliv. * ☐ NJ Hazsite EDD ☐ Phoenix Std Report ☐ 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

Customer: VHB, Inc.
Address: 54 Tuttle Place, Middletown, CT

Project: ENVIRITE LANDFILL
Report to: Phil Rydel
Invoice to: "

Project P.O.: 41426
Phone #: 860 632-1500
Fax #:

Temp: 6 Pg 1 of 2

Data Delivery (check one): ☐ Fax #: ☐ Email: Format: ☐ Excel ☐ Pdf ☐ Gis Key

Client Sample - Information - Identification
Sampler's Signature: PR Date: 6/23/09

Matrix Codes: DW=drinking water, GW=groundwater, WW=wastewater, SL=sludge, S=soil/solid, A=air, O=Oil, X=Other

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: Ni, Pb, Cu, Phenolics	Al, Ba, Cd, Chloride, Cr, Fe, Mn, Na, Sulfate	VOC's 624 8260	Dissolved Metals	Soil VOA Vial	Soil Sample Container	GC Semi VOA Vial	GC Semi Container	1 Sodium Thiosulfate	1 Sodium Bisulfate	PL 1/2 Pint	PL 1 Pint	PL HNO3 1 250ml	PL HNO3 1 500ml	PL NaOH 1 250ml	PL NaOH 1 500ml	Bacteria Bottle
	87886	MW-44B	GW	6/23/09	12:00	X	X	X	X													
	87887	Trip Blank			—	X	X	X	X													
	87888	H2O Blank			2:20	X	X	X	X													
	87889	EQ Blank			2:40	X	X	X	X													
	87890	SW-UP			3:14	X	X	X	X													
	87891	SW-DN			3:25	X	X	X	X													

Relinquished by: Date: 6/23/09 Time: 9:55
Accepted by: Date: 6/24 Time: 17:00

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., RCP Certification

Requirements for MA: GW-1, GW-2, GW-3, S-1, S-2, S-3, MCP Certification, Other

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	13:00
Location Code:	VHB | MW-30	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29519

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.042	0.002	mg/L	09/30/09		EK	6010/200.7
Cadmium (Dissolved)	0.002	0.001	mg/L	09/30/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Copper (Dissolved)	0.016	0.001	mg/L	09/30/09		EK	6010/200.7
Iron (Dissolved)	0.008	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.212	0.001	mg/L	09/30/09		EK	6010/200.7
Sodium (Dissolved)	23.3	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	0.088	0.002	mg/L	09/30/09		EK	6010/200.7
Chloride	210	15	mg/L	10/01/09		B/E	300.0
Conductivity	1300	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	1.4	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	20:40	B/E	300.0
Nitrate as Nitrogen	31	0.25	mg/L	10/01/09	0:23	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	7.16	0.10	pH	09/30/09	3:23	JC	4500-H B/9040
Sulfate	140	15	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	680	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.026	0.010	mg/L	10/06/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	13:30
Location Code:	VHB | MW-31S	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29520

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.094	0.002	mg/L	10/02/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Chromium (Dissolved)	0.081	0.001	mg/L	10/02/09		EK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	10/02/09		EK	6010/200.7
Iron (Dissolved)	121	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	10.3	0.011	mg/L	10/02/09		EK	6010/200.7
Sodium (Dissolved)	51.3	1.1	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.061	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	1.03	0.002	mg/L	10/02/09		EK	6010/200.7
Chloride	< 3.0	3.0	mg/L	09/29/09		B/E	300.0
Conductivity	2000	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	41	0.4	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	20:50	B/E	300.0
Nitrate as Nitrogen	0.07	0.05	mg/L	09/29/09	20:50	B/E	300.0/9056
Phenolics	1.18	0.075	mg/L	10/06/09		L/J/E	E420.4
pH	6.51	0.10	pH	09/30/09	3:26	JC	4500-H B/9040
Sulfate	3.8	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	1400	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	430	10	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	170	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	1.48	0.010	mg/L	10/06/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	20	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-31S
Phoenix I.D.: AS29520

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	10	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	20	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	20	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	20	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	20	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	20	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	160	20	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	20	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	20	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	20	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	46	20	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	20	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	20	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	20	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	100	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	20	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	20	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	34000	5000	ug/L	09/30/09		R/J	SW8260
Acetone	3100	2500	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	100	ug/L	09/30/09		R/J	SW8260
Benzene	150	20	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	20	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	10	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	20	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	20	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	100	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	20	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	20	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	20	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	20	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	20	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	2400	500	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	10	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	10	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	20	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	20	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	20	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	2600	500	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	8.0	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	60	20	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	4900	500	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	7700	2500	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	20	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29520
Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	23	20	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	20	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	20	ug/L	09/30/09		R/J	SW8260
o-Xylene	2000	500	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	20	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	20	ug/L	09/30/09		R/J	SW8260
Styrene	ND	20	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	20	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	20	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	590	100	ug/L	09/30/09		R/J	SW8260
Toluene	12000	500	ug/L	09/30/09		R/J	SW8260
Total Xylenes	6900	500	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	20	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	10	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	100	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	20	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	20	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	20	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	510	20	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	93		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	94		%	09/30/09		R/J	SW8260
% Toluene-d8	86		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	12:30
Location Code:	VHB | MW-33	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29521

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.044	0.002	mg/L	10/02/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Chromium (Dissolved)	0.006	0.001	mg/L	10/02/09		EK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	10/02/09		EK	6010/200.7
Iron (Dissolved)	0.043	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.006	0.001	mg/L	10/02/09		EK	6010/200.7
Sodium (Dissolved)	22.7	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.005	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	0.009	0.002	mg/L	10/02/09		EK	6010/200.7
Chloride	120	15	mg/L	10/01/09		B/E	300.0
Conductivity	854	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	21:00	B/E	300.0
Nitrate as Nitrogen	17	0.25	mg/L	10/01/09	2:15	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.92	0.10	pH	09/30/09	3:29	JC	4500-H B/9040
Sulfate	91	15	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	470	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.6	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	650	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	10/06/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29521
Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29521
Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	75		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	109		%	09/30/09		R/J	SW8260
% Toluene-d8	92		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	12:15
Location Code:	VHB | MW-36	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29522

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.039	0.002	mg/L	10/02/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Iron (Dissolved)	2.04	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.248	0.001	mg/L	10/02/09		EK	6010/200.7
Sodium (Dissolved)	30.3	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.005	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	0.012	0.002	mg/L	10/02/09		EK	6010/200.7
Chloride	84	3.0	mg/L	09/29/09		B/E	300.0
Conductivity	395	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.17	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	21:20	B/E	300.0
Nitrate as Nitrogen	0.44	0.05	mg/L	09/29/09	21:20	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.89	0.10	pH	09/30/09	3:32	JC	4500-H B/9040
Sulfate	39	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	210	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.032	0.010	mg/L	10/06/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36
Phoenix I.D.: AS29522

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Phoenix I.D.: AS29522

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	118		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	75		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	105		%	09/30/09		R/J	SW8260
% Toluene-d8	93		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	10:00
Location Code:	VHB | MW-41S	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29523

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.091	0.002	mg/L	10/02/09		EK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	10/02/09		EK	6010/200.7
Copper (Dissolved)	0.007	0.001	mg/L	10/02/09		EK	6010/200.7
Iron (Dissolved)	0.039	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.008	0.001	mg/L	10/02/09		EK	6010/200.7
Sodium (Dissolved)	36.0	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	0.047	0.002	mg/L	10/02/09		EK	6010/200.7
Chloride	81	3.0	mg/L	09/29/09		B/E	300.0
Conductivity	507	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.07	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	21:30	B/E	300.0
Nitrate as Nitrogen	5.3	0.05	mg/L	09/29/09	21:30	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.75	0.10	pH	09/30/09	3:36	JC	4500-H B/9040
Sulfate	72	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	260	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.4	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	68	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.028	0.010	mg/L	10/06/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29523
Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	29	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29523
Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	8.4	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	13	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	121		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	70		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	92		%	09/30/09		R/J	SW8260
% Toluene-d8	85		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	9:30
Location Code:	VHB | MW-41D	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29524

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.051	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.004	0.001	mg/L	10/02/09		EK	6010/200.7
Iron (Dissolved)	0.015	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.738	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	35.7	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.004	0.001	mg/L	10/02/09		EK	6010/200.7
Zinc (Dissolved)	0.016	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	91	6.0	mg/L	10/01/09		B/E	300.0
Conductivity	699	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.02	0.02	mg/L	10/01/09	1:14	B/E	300.0
Nitrate as Nitrogen	9.8	0.10	mg/L	10/01/09	1:14	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.83	0.10	pH	09/30/09	3:39	JC	4500-H B/9040
Sulfate	150	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	390	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	28	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.055	0.010	mg/L	10/06/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D
Phoenix I.D.: AS29524

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	44	5.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29524
Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	13	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	20	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	125		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	75		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	110		%	09/30/09		R/J	SW8260
% Toluene-d8	87		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	9:45
Location Code:	VHB | MW-41B	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29525

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.059	0.002	mg/L	10/01/09		EK	6010/200.7	
Cadmium (Dissolved)	0.002	0.001	mg/L	10/01/09		EK	6010/200.7	
Chromium (Dissolved)	0.001	0.001	mg/L	10/01/09		EK	6010/200.7	
Copper (Dissolved)	0.004	0.001	mg/L	10/02/09		EK	6010/200.7	
Iron (Dissolved)	0.043	0.002	mg/L	10/02/09		EK	6010/200.7	
Manganese (Dissolved)	0.086	0.001	mg/L	10/01/09		EK	6010/200.7	
Sodium (Dissolved)	38.2	0.11	mg/L	10/02/09		EK	6010/200.7	
Nickel (Dissolved)	0.008	0.001	mg/L	10/02/09		EK	6010/200.7	
Zinc (Dissolved)	0.021	0.002	mg/L	10/01/09		EK	6010/200.7	
Chloride	130	15	mg/L	10/01/09		B/E	300.0	
Conductivity	1300	5	umhos/cm	09/30/09		JC	SM2510B	
Ammonia as Nitrogen	0.05	0.02	mg/L	10/01/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	21:50	B/E	300.0	
Nitrate as Nitrogen	25	0.50	mg/L	10/01/09	1:34	B/E	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4	
pH	7.52	0.10	pH	09/30/09	3:47	JC	4500-H B/9040	
Sulfate	360	30	mg/L	10/01/09		B/E	300.0	
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010	
Tot. Diss. Solids	900	10	mg/L	09/30/09		VR/KDB	SM2540C	
Total Organic Carbon	1.1	1.0	mg/L	09/30/09		JL	SM 5310B	
Total Suspended Solids	18	5.0	mg/L	09/30/09		VR/KDB	SM2540D	
Filtration	Completed			09/29/09		AG	0.45um Filter	
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005	
Tot. Org. Halogens	0.100	0.010	mg/L	10/06/09		*	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260	

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29525
Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	87	5.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29525
Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	4.4	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	20	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	120		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	74		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	108		%	09/30/09		R/J	SW8260
% Toluene-d8	85		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

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* TOX analyzed by CT certified lab #PH-0520.

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Phyllis Shiller, Laboratory Director
June 09, 2010

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Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	10:15
Location Code:	VHB | MW-42S	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29526

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.038	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.002	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.025	0.001	mg/L	10/01/09		EK	6010/200.7
Iron (Dissolved)	0.011	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.006	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	29.2	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.029	0.001	mg/L	10/01/09		EK	6010/200.7
Zinc (Dissolved)	0.084	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	53	3.0	mg/L	09/29/09		B/E	300.0
Conductivity	512	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	22:00	B/E	300.0
Nitrate as Nitrogen	7.9	0.05	mg/L	09/29/09	22:00	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	7.10	0.10	pH	09/30/09	4:10	JC	4500-H B/9040
Sulfate	93	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	280	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	36	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.027	0.010	mg/L	10/06/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S
Phoenix I.D.: AS29526

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	4.4	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29526
Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	4.8	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	5.0	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	123		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	70		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	97		%	09/30/09		R/J	SW8260
% Toluene-d8	90		%	09/30/09		R/J	SW8260

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Comments:

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* TOX analyzed by CT certified lab #PH-0520.

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Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	10:30
Location Code:	VHB | MW-42S DUP	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29527

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.038	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	0.002	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.028	0.001	mg/L	10/01/09		EK	6010/200.7
Iron (Dissolved)	0.012	0.002	mg/L	10/02/09		EK	6010/200.7
Manganese (Dissolved)	0.003	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	29.1	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.030	0.001	mg/L	10/01/09		EK	6010/200.7
Zinc (Dissolved)	0.073	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	55	3.0	mg/L	09/29/09		B/E	300.0
Conductivity	517	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	22:11	B/E	300.0
Nitrate as Nitrogen	8.8	0.05	mg/L	09/29/09	22:11	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	7.08	0.10	pH	09/30/09	4:13	JC	4500-H B/9040
Sulfate	98	3.0	mg/L	09/29/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	290	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	42	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.014	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29527
Client ID: MW-42S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	5.4	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29527
Client ID: MW-42S DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	5.5	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	5.2	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	74		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	110		%	09/30/09		R/J	SW8260
% Toluene-d8	88		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	10:45
Location Code:	VHB | MW-43S	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29528

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.029	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.002	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.029	0.001	mg/L	10/01/09		EK	6010/200.7
Iron (Dissolved)	0.012	0.002	mg/L	10/01/09		EK	6010/200.7
Manganese (Dissolved)	0.203	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	163	1.1	mg/L	10/03/09		LK	6010/200.7
Nickel (Dissolved)	0.021	0.001	mg/L	10/01/09		EK	6010/200.7
Zinc (Dissolved)	0.035	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	280	30	mg/L	10/01/09		B/E	300.0
Conductivity	1840	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	22:21	B/E	300.0
Nitrate as Nitrogen	65	0.50	mg/L	10/01/09	2:35	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.64	0.10	pH	09/30/09	4:17	JC	4500-H B/9040
Sulfate	260	30	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	1100	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	140	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.020	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S
Phoenix I.D.: AS29528

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	5.9	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29528
Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	10	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	6.7	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	125		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	70		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	93		%	09/30/09		R/J	SW8260
% Toluene-d8	84		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	11:00
Location Code:	VHB | MW-43D	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29529

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.030	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.009	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.239	0.001	mg/L	10/01/09		EK	6010/200.7
Iron (Dissolved)	0.010	0.002	mg/L	10/01/09		EK	6010/200.7
Manganese (Dissolved)	0.436	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	159	1.1	mg/L	10/03/09		LK	6010/200.7
Nickel (Dissolved)	0.064	0.001	mg/L	10/01/09		EK	6010/200.7
Zinc (Dissolved)	0.225	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	320	30	mg/L	10/01/09		B/E	300.0
Conductivity	1990	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.23	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	22:31	B/E	300.0
Nitrate as Nitrogen	63	1.3	mg/L	10/01/09	2:55	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.23	0.10	pH	09/30/09	4:29	JC	4500-H B/9040
Sulfate	290	30	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	1200	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.9	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	18	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.045	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29529
Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	26	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29529
Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	15	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	17	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	117		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	74		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	115		%	09/30/09		R/J	SW8260
% Toluene-d8	86		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	11:30
Location Code:	VHB | MW-44D	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29530

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.046	0.002	mg/L	10/01/09		EK	6010/200.7
Cadmium (Dissolved)	0.002	0.001	mg/L	10/01/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	10/01/09		EK	6010/200.7
Copper (Dissolved)	0.025	0.001	mg/L	10/01/09		EK	6010/200.7
Iron (Dissolved)	0.014	0.002	mg/L	10/01/09		EK	6010/200.7
Manganese (Dissolved)	0.340	0.001	mg/L	10/01/09		EK	6010/200.7
Sodium (Dissolved)	90.3	1.1	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.019	0.001	mg/L	10/01/09		EK	6010/200.7
Zinc (Dissolved)	0.057	0.002	mg/L	10/01/09		EK	6010/200.7
Chloride	180	15	mg/L	10/01/09		B/E	300.0
Conductivity	1140	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.38	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	22:41	B/E	300.0
Nitrate as Nitrogen	22	0.25	mg/L	10/01/09	18:17	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	6.93	0.10	pH	09/30/09	4:33	JC	4500-H B/9040
Sulfate	130	15	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	620	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	1.5	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	9.5	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.048	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D
Phoenix I.D.: AS29530

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	30	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AS29530

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	15	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	18	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	1.6	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	126		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	67		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	101		%	09/30/09		R/J	SW8260
% Toluene-d8	83		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	12:00
Location Code:	VHB | MW-44B	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29531

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.018	0.002	mg/L	09/30/09		EK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	09/30/09		EK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	09/30/09		EK	6010/200.7
Manganese (Dissolved)	0.314	0.001	mg/L	09/30/09		EK	6010/200.7
Sodium (Dissolved)	70.2	1.1	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.021	0.001	mg/L	09/30/09		EK	6010/200.7
Zinc (Dissolved)	0.055	0.002	mg/L	09/30/09		EK	6010/200.7
Chloride	110	15	mg/L	10/01/09		B/E	300.0
Conductivity	734	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/29/09	23:30	B/E	300.0
Nitrate as Nitrogen	7.7	0.25	mg/L	10/01/09	4:06	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	7.00	0.10	pH	09/30/09	4:36	JC	4500-H B/9040
Sulfate	75	15	mg/L	10/01/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	390	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.031	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Phoenix I.D.: AS29531

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	24	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Phoenix I.D.: AS29531

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	9.1	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	23	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	77		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	112		%	09/30/09		R/J	SW8260
% Toluene-d8	84		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	12:00
Location Code:	VHB | FB	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29532

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK
Phoenix I.D.: AS29532

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	09/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	2.0	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	125		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	70		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	96		%	09/30/09		R/J	SW8260
% Toluene-d8	84		%	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29532
Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	12:00
Location Code:	VHB | EB	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29533

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	09/30/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	09/30/09		EK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Sodium (Dissolved)	0.15	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Zinc (Dissolved)	0.003	0.002	mg/L	09/30/09		EK	6010/200.7
Chloride	< 3.0	3.0	mg/L	09/30/09		B/E	300.0
Conductivity	< 5	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.07	0.04	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/30/09	0:30	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	09/30/09	0:30	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	5.71	0.10	pH	09/30/09	4:39	JC	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	09/30/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29533
Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29533
Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	1.6	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	115		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	74		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	108		%	09/30/09		R/J	SW8260
% Toluene-d8	91		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	0:00
Location Code:	VHB | TB	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29534

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK
Phoenix I.D.: AS29534

Parameter	Result	RL	Units	Date	Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	117		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	72		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	98		%	09/30/09		R/J	SW8260
% Toluene-d8	75		%	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK

Phoenix I.D.: AS29534

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

TRIP BLANK INCLUDED

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

PHOENIX
Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	14:30
Location Code:	VHB | SW-UP	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29535

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW UP STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.011	0.002	mg/L	09/30/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Iron (Dissolved)	0.118	0.002	mg/L	09/30/09		EK	6010/200.7
Manganese (Dissolved)	0.009	0.001	mg/L	09/30/09		EK	6010/200.7
Sodium (Dissolved)	11.9	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	09/30/09		EK	6010/200.7
Chloride	21	3.0	mg/L	09/30/09		B/E	300.0
Conductivity	135	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.03	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/30/09	0:40	B/E	300.0
Nitrate as Nitrogen	0.16	0.05	mg/L	09/30/09	0:40	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/01/09		LK	E420.4
pH	7.15	0.10	pH	09/30/09	4:42	JC	4500-H B/9040
Sulfate	7.9	3.0	mg/L	09/30/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	73	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	2.1	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	0.010	0.010	mg/L	10/09/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29535
Client ID: SW UP STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Acetone	ND	50	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	09/30/09		R/J	SW8260
Benzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29535
Client ID: SW UP STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	1.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	09/30/09		R/J	SW8260
Toluene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	128		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	70		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	97		%	09/30/09		R/J	SW8260
% Toluene-d8	86		%	09/30/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 09, 2010

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2010

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		09/28/09	14:45
Location Code:	VHB | SW-DN	Received by:	LB	09/29/09	18:10
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	41426				

Laboratory Data

SDG ID: GAS29519
Phoenix ID: AS29536

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW DOWN STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.011	0.002	mg/L	09/30/09		EK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Iron (Dissolved)	0.099	0.002	mg/L	09/30/09		EK	6010/200.7
Manganese (Dissolved)	0.006	0.001	mg/L	09/30/09		EK	6010/200.7
Sodium (Dissolved)	11.8	0.11	mg/L	10/02/09		EK	6010/200.7
Nickel (Dissolved)	0.001	0.001	mg/L	09/30/09		EK	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	09/30/09		EK	6010/200.7
Chloride	21	3.0	mg/L	09/30/09		B/E	300.0
Conductivity	137	5	umhos/cm	09/30/09		JC	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	10/01/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	09/30/09	0:50	B/E	300.0
Nitrate as Nitrogen	0.13	0.05	mg/L	09/30/09	0:50	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	10/06/09		LJJ/E	E420.4
pH	7.25	0.10	pH	09/30/09	4:45	JC	4500-H B/9040
Sulfate	8.1	3.0	mg/L	09/30/09		B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	10/02/09		C/G	335.4/9010
Tot. Diss. Solids	74	10	mg/L	09/30/09		VR/KDB	SM2540C
Total Organic Carbon	2.2	1.0	mg/L	09/30/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	09/30/09		VR/KDB	SM2540D
Filtration	Completed			09/29/09		AG	0.45um Filter
Dissolved Metals Preparation	Completed			09/29/09		AG	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	10/09/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,1,1-Trichloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW DOWN STREAM
Phoenix I.D.: AS29536

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
1,1,2-Trichloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloroethene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,1-Dichloropropene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2,3-Trichloropropane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,2-Dichloropropane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,3-Dichloropropane	ND	2.0	ug/L	09/30/09		R/J	SW8260
1,4-Dichlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
2,2-Dichloropropane	ND	2.0	ug/L	09/30/09		R/J	SW8260
2-Chlorotoluene	ND	2.0	ug/L	09/30/09		R/J	SW8260
2-Hexanone	ND	10	ug/L	09/30/09		R/J	SW8260
2-Isopropyltoluene	ND	2.0	ug/L	09/30/09		R/J	SW8260
4-Chlorotoluene	ND	2.0	ug/L	09/30/09		R/J	SW8260
4-Methyl-2-pentanone	ND	10	ug/L	09/30/09		R/J	SW8260
Acetone	ND	100	ug/L	09/30/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	09/30/09		R/J	SW8260
Benzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Bromobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Bromochloromethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Bromodichloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Bromoform	ND	2.0	ug/L	09/30/09		R/J	SW8260
Bromomethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Carbon Disulfide	ND	10	ug/L	09/30/09		R/J	SW8260
Carbon tetrachloride	ND	2.0	ug/L	09/30/09		R/J	SW8260
Chlorobenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Chloroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Chloroform	ND	2.0	ug/L	09/30/09		R/J	SW8260
Chloromethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	2.0	ug/L	09/30/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromochloromethane	ND	1.0	ug/L	09/30/09		R/J	SW8260
Dibromoethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Dibromomethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Dichlorodifluoromethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Ethylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Hexachlorobutadiene	ND	0.80	ug/L	09/30/09		R/J	SW8260
Isopropylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
m&p-Xylene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Methyl ethyl ketone	ND	10	ug/L	09/30/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	09/30/09		R/J	SW8260
Methylene chloride	ND	2.0	ug/L	09/30/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON **Phoenix I.D.:** AS29536
Client ID: SW DOWN STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Naphthalene	ND	2.0	ug/L	09/30/09		R/J	SW8260
n-Butylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
n-Propylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
o-Xylene	ND	2.0	ug/L	09/30/09		R/J	SW8260
p-Isopropyltoluene	ND	2.0	ug/L	09/30/09		R/J	SW8260
sec-Butylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Styrene	ND	2.0	ug/L	09/30/09		R/J	SW8260
tert-Butylbenzene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Tetrachloroethene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/L	09/30/09		R/J	SW8260
Toluene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Total Xylenes	ND	2.0	ug/L	09/30/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	2.0	ug/L	09/30/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	1.0	ug/L	09/30/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	09/30/09		R/J	SW8260
Trichloroethene	ND	2.0	ug/L	09/30/09		R/J	SW8260
Trichlorofluoromethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Trichlorotrifluoroethane	ND	2.0	ug/L	09/30/09		R/J	SW8260
Vinyl chloride	ND	2.0	ug/L	09/30/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	119		%	09/30/09		R/J	SW8260
% Bromofluorobenzene	75		%	09/30/09		R/J	SW8260
% Dibromofluoromethane	106		%	09/30/09		R/J	SW8260
% Toluene-d8	91		%	09/30/09		R/J	SW8260

I = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.
Elevated reporting limits for volatiles due to the foamy nature of the sample.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director
June 09, 2010

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QA/QC Report

June 09, 2010 **QA/QC Data** SDG I.D.: GAS29519

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137093, QC Sample No: AS29179 (AS29531, AS29533, AS29535, AS29536)								
ICP Metals - Dissolved								
Barium	BDL	0.10	97.2	96.8	0.4	98.2	100	1.8
Cadmium	BDL	NC	96.4	99.3	3.0	102	105	2.9
Chromium	BDL	NC	96.3	98.0	1.7	100	103	3.0
Copper	BDL	NC	96.2	94.9	1.4	96.2	98.7	2.6
Iron	BDL	0.40	94.3	94.3	0.0	98.5	109	10.1
Manganese	BDL	0.20	94.6	97.1	2.6	97.6	101	3.4
Nickel	BDL	NC	94.8	96.9	2.2	98.2	102	3.8
Sodium	0.11	0.40	109	95.9	12.8	NC	NC	NC
Zinc	BDL	NC	95.1	96.5	1.5	98.7	102	3.3
QA/QC Batch 137099, QC Sample No: AS29519 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530)								
ICP Metals - Dissolved								
Barium	BDL	7.20	112	103	8.4	118	>130	NC
Cadmium	BDL	NC	109	103	5.7	114	125	9.2
Chromium	BDL	NC	112	107	4.6	119	>130	NC
Copper	BDL	4.60	116	111	4.4	125	>130	NC
Iron	BDL	NC	105	99.1	5.8	109	119	8.8
Manganese	BDL	6.00	114	109	4.5	120	>130	NC
Nickel	BDL	NC	109	104	4.7	114	124	8.4
Sodium	BDL	7.70	110	99.1	10.4	NC	NC	NC
Zinc	BDL	6.20	104	99.8	4.1	111	121	8.6

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QA/QC Report

June 09, 2010

QA/QC Data

SDG I.D.: GAS29519

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137443, QC Sample No: AS29349 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)								
Total Cyanide	BDL		105			< 70		
QA/QC Batch 137509, QC Sample No: AS29384 (AS29519, AS29521, AS29524, AS29525, AS29528, AS29529, AS29530)								
Bromide	BDL	NC	101			96.7		
QA/QC Batch 137510, QC Sample No: AS29384 (AS29519, AS29521, AS29524, AS29525, AS29528, AS29529, AS29530)								
Chloride	BDL		91.7			103		
QA/QC Batch 137512, QC Sample No: AS29384 (AS29519, AS29521, AS29524, AS29525, AS29528, AS29529, AS29530)								
Nitrate as Nitrogen	BDL		97.3			99.5		
QA/QC Batch 137511, QC Sample No: AS29384 (AS29519, AS29521, AS29524, AS29525, AS29528, AS29529, AS29530)								
Nitrite as Nitrogen	BDL		93.7			96.4		
QA/QC Batch 137513, QC Sample No: AS29384 (AS29519, AS29521, AS29524, AS29525, AS29528, AS29529, AS29530)								
Sulfate	BDL	NC	95.5			99.6		
QA/QC Batch 137464, QC Sample No: AS29389 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531)								
Chloride	BDL	NC	92.0			98.7		
QA/QC Batch 137466, QC Sample No: AS29389 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531)								
Nitrate as Nitrogen	BDL	NC	96.7			110		
QA/QC Batch 137465, QC Sample No: AS29389 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531)								
Nitrite as Nitrogen	BDL	NC	95.5			105		
QA/QC Batch 137467, QC Sample No: AS29389 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531)								
Sulfate	BDL	0	103			109		
QA/QC Batch 137146, QC Sample No: AS29519 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)								
Ammonia as Nitrogen	BDL		96.2			101		
QA/QC Batch 137462, QC Sample No: AS29519 (AS29519, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535)								
Phenolics	BDL	NC	100			100		
QA/QC Batch 137126, QC Sample No: AS29519 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)								
Tot. Diss. Solids	BDL	2.19	96.6					
QA/QC Batch 137125, QC Sample No: AS29519 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)								
Total Suspended Solids	BDL	NC	85.0					
QA/QC Batch 137259, QC Sample No: AS29522 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29527, AS29528, AS29529, AS29530, AS29531, AS29535, AS29536)								
Total Organic Carbon	BDL	NC	99.6			114		
QA/QC Batch 137218, QC Sample No: AS29525 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525)								
Conductivity	BDL	0.80	101					

QA/QC Data

SDG I.D.: GAS29519

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137213, QC Sample No: AS29525 (AS29525)								
Turbidity	BDL	16.3						
QA/QC Batch 137683, QC Sample No: AS29536 (AS29520, AS29536)								
Phenolics	BDL	NC	104			91.0		
QA/QC Batch 137468, QC Sample No: AS29623 (AS29533, AS29535, AS29536)								
Chloride	BDL	NC	93.6			99.2		
QA/QC Batch 137470, QC Sample No: AS29623 (AS29533, AS29535, AS29536)								
Nitrate as Nitrogen	BDL	NC	94.8			100		
QA/QC Batch 137469, QC Sample No: AS29623 (AS29533, AS29535, AS29536)								
Nitrite as Nitrogen	BDL	NC	106			98.7		
QA/QC Batch 137471, QC Sample No: AS29623 (AS29533, AS29535, AS29536)								
Sulfate	BDL	NC	103			108		
QA/QC Batch 137219, QC Sample No: AS29685 (AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)								
Conductivity	BDL	NC	101					
QA/QC Batch 137514, QC Sample No: AS29976 (AS29531)								
Bromide	BDL		101			106		
QA/QC Batch 137515, QC Sample No: AS29976 (AS29531)								
Chloride	BDL	0	92.3			102		
QA/QC Batch 137517, QC Sample No: AS29976 (AS29531)								
Nitrate as Nitrogen	BDL		97.0			97.1		
QA/QC Batch 137516, QC Sample No: AS29976 (AS29531)								
Nitrite as Nitrogen	BDL		97.6			90.0		
QA/QC Batch 137518, QC Sample No: AS29976 (AS29531)								
Sulfate	BDL		103			106		

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QA/QC Report

June 09, 2010

QA/QC Data

SDG I.D.: GAS29519

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137150, QC Sample No: AS29319 (AS29521, AS29524, AS29525, AS29527, AS29529, AS29531, AS29533)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	101	100	1.0	106	96	9.9
1,1,1-Trichloroethane	ND	125	120	4.1	130	118	9.7
1,1,2,2-Tetrachloroethane	ND	78	79	1.3	82	77	6.3
1,1,2-Trichloroethane	ND	96	97	1.0	100	91	9.4
1,1-Dichloroethane	ND	109	105	3.7	117	106	9.9
1,1-Dichloroethene	ND	121	113	6.8	130	111	15.8
1,1-Dichloropropene	ND	104	99	4.9	106	104	1.9
1,2,3-Trichlorobenzene	ND	96	102	6.1	75	67	11.3
1,2,3-Trichloropropane	ND	95	98	3.1	90	82	9.3
1,2,4-Trichlorobenzene	ND	99	99	0.0	87	82	5.9
1,2,4-Trimethylbenzene	ND	99	96	3.1	101	94	7.2
1,2-Dibromo-3-chloropropane	ND	75	78	3.9	73	67	8.6
1,2-Dichlorobenzene	ND	94	92	2.2	92	86	6.7
1,2-Dichloroethane	ND	81	83	2.4	88	88	0.0
1,2-Dichloropropane	ND	99	97	2.0	101	92	9.3
1,3,5-Trimethylbenzene	ND	99	95	4.1	100	94	6.2
1,3-Dichlorobenzene	ND	98	96	2.1	98	91	7.4
1,3-Dichloropropane	ND	92	93	1.1	95	89	6.5
1,4-Dichlorobenzene	ND	93	91	2.2	94	87	7.7
2,2-Dichloropropane	ND	130	121	7.2	127	102	21.8
2-Chlorotoluene	ND	98	95	3.1	99	92	7.3
2-Hexanone	ND	<70	<70	NC	59	54	8.8
2-Isopropyltoluene	ND	104	100	3.9	101	93	8.2
4-Chlorotoluene	ND	102	98	4.0	101	95	6.1
4-Methyl-2-pentanone	ND	80	87	8.4	83	84	1.2
Acetone	ND	>130	>130	NC	*NC	96	NC
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	92	91	1.1	99	95	4.1
Bromobenzene	ND	96	94	2.1	94	89	5.5
Bromochloromethane	ND	110	108	1.8	116	107	8.1
Bromodichloromethane	ND	100	101	1.0	103	91	12.4
Bromoform	ND	87	87	0.0	92	83	10.3
Bromomethane	ND	129	127	1.6	129	103	22.4
Carbon Disulfide	ND	118	110	7.0	122	98	21.8
Carbon tetrachloride	ND	110	104	5.6	113	105	7.3
Chlorobenzene	ND	100	99	1.0	103	94	9.1
Chloroethane	ND	>130	>130	NC	133	113	16.3
Chloroform	ND	111	107	3.7	121	107	12.3
Chloromethane	ND	115	<70	NC	50	54	7.7
cis-1,2-Dichloroethene	ND	108	107	0.9	118	108	8.8
cis-1,3-Dichloropropene	ND	100	100	0.0	100	91	9.4

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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromochloromethane	ND	91	90	1.1	96	87	9.8
Dibromoethane	ND	95	99	4.1	97	91	6.4
Dibromomethane	ND	94	96	2.1	99	90	9.5
Dichlorodifluoromethane	ND	91	81	11.6	90	79	13.0
Ethylbenzene	ND	104	101	2.9	110	99	10.5
Hexachlorobutadiene	ND	102	101	1.0	99	92	7.3
Isopropylbenzene	ND	95	91	4.3	101	94	7.2
m&p-Xylene	ND	106	102	3.8	113	101	11.2
Methyl ethyl ketone	ND	<70	<70	NC	74	85	13.8
Methyl t-butyl ether (MTBE)	ND	100	103	3.0	93	99	6.3
Methylene chloride	ND	105	104	1.0	113	101	11.2
Naphthalene	ND	90	98	8.5	65	62	4.7
n-Butylbenzene	ND	101	97	4.0	97	91	6.4
n-Propylbenzene	ND	103	98	5.0	101	94	7.2
o-Xylene	ND	104	101	2.9	110	98	11.5
p-Isopropyltoluene	ND	104	100	3.9	102	93	9.2
sec-Butylbenzene	ND	100	96	4.1	99	92	7.3
Styrene	ND	102	100	2.0	108	98	9.7
tert-Butylbenzene	ND	101	97	4.0	101	94	7.2
Tetrachloroethene	ND	105	101	3.9	109	100	8.6
Tetrahydrofuran (THF)	ND	<70	<70	NC	58	65	11.4
Toluene	ND	102	100	2.0	110	97	12.6
trans-1,2-Dichloroethene	ND	121	114	6.0	129	113	13.2
trans-1,3-Dichloropropene	ND	100	101	1.0	102	89	13.6
trans-1,4-dichloro-2-butene	ND	91	92	1.1	86	83	3.6
Trichloroethene	ND	108	105	2.8	113	101	11.2
Trichlorofluoromethane	ND	>130	>130	NC	132	108	20.0
Trichlorotrifluoroethane	ND	>130	>130	NC	135	115	16.0
Vinyl chloride	ND	104	91	13.3	88	82	7.1
% 1,2-dichlorobenzene-d4	111	98	98	0.0	97	98	1.0
% Bromofluorobenzene	82	99	101	2.0	102	101	1.0
% Dibromofluoromethane	103	111	106	4.6	109	111	1.8
% Toluene-d8	93	95	96	1.0	98	96	2.1

Comment:

A blank MS/MSD was analyzed with this batch.

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 137151, QC Sample No: AS29342 (AS29519, AS29520, AS29523, AS29526, AS29528, AS29530, AS29532, AS29535)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	101	104	2.9	111	105	5.6
1,1,1-Trichloroethane	ND	111	111	0.0	114	109	4.5
1,1,2,2-Tetrachloroethane	ND	78	83	6.2	88	86	2.3
1,1,2-Trichloroethane	ND	92	97	5.3	105	101	3.9
1,1-Dichloroethane	ND	100	101	1.0	106	101	4.8
1,1-Dichloroethene	ND	98	98	0.0	108	101	6.7
1,1-Dichloropropene	ND	105	105	0.0	109	107	1.9
1,2,3-Trichlorobenzene	ND	101	105	3.9	91	92	1.1
1,2,3-Trichloropropane	ND	97	102	5.0	98	96	2.1
1,2,4-Trichlorobenzene	ND	96	100	4.1	95	100	5.1
1,2,4-Trimethylbenzene	ND	100	103	3.0	103	101	2.0
1,2-Dibromo-3-chloropropane	ND	77	84	8.7	82	82	0.0
1,2-Dichlorobenzene	ND	92	94	2.2	94	92	2.2
1,2-Dichloroethane	ND	94	96	2.1	105	101	3.9
1,2-Dichloropropane	ND	94	93	1.1	98	96	2.1

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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3,5-Trimethylbenzene	ND	99	100	1.0	102	99	3.0
1,3-Dichlorobenzene	ND	98	100	2.0	101	99	2.0
1,3-Dichloropropane	ND	90	94	4.3	96	94	2.1
1,4-Dichlorobenzene	ND	97	99	2.0	102	98	4.0
2,2-Dichloropropane	ND	111	112	0.9	110	94	15.7
2-Chlorotoluene	ND	100	102	2.0	102	100	2.0
2-Hexanone	ND	<70	<70	NC	69	74	7.0
2-Isopropyltoluene	ND	102	102	0.0	100	99	1.0
4-Chlorotoluene	ND	105	106	0.9	106	103	2.9
4-Methyl-2-pentanone	ND	74	80	7.8	82	142	53.6
Acetone	ND	88	94	6.6	94	105	11.1
Acrylonitrile	ND	84	96	13.3	98	92	6.3
Benzene	ND	104	104	0.0	109	108	0.9
Bromobenzene	ND	95	99	4.1	99	96	3.1
Bromochloromethane	ND	97	101	4.0	108	101	6.7
Bromodichloromethane	ND	98	100	2.0	103	98	5.0
Bromoform	ND	87	91	4.5	97	90	7.5
Bromomethane	ND	106	110	3.7	109	105	3.7
Carbon Disulfide	ND	95	96	1.0	98	93	5.2
Carbon tetrachloride	ND	113	114	0.9	116	111	4.4
Chlorobenzene	ND	99	100	1.0	104	99	4.9
Chloroethane	ND	97	97	0.0	102	99	3.0
Chloroform	ND	96	101	5.1	107	102	4.8
Chloromethane	ND	95	94	1.1	95	90	5.4
cis-1,2-Dichloroethene	ND	100	102	2.0	107	105	1.9
cis-1,3-Dichloropropene	ND	96	101	5.1	101	98	3.0
Dibromochloromethane	ND	90	93	3.3	99	94	5.2
Dibromoethane	ND	93	97	4.2	102	101	1.0
Dibromomethane	ND	92	96	4.3	102	98	4.0
Dichlorodifluoromethane	ND	90	90	0.0	102	100	2.0
Ethylbenzene	ND	104	104	0.0	109	107	1.9
Hexachlorobutadiene	ND	103	106	2.9	99	103	4.0
Isopropylbenzene	ND	96	98	2.1	102	101	1.0
m&p-Xylene	ND	106	106	0.0	112	108	3.6
Methyl ethyl ketone	ND	88	95	7.7	101	117	14.7
Methyl t-butyl ether (MTBE)	ND	102	108	5.7	107	107	0.0
Methylene chloride	ND	92	95	3.2	101	96	5.1
Naphthalene	ND	72	82	13.0	71	87	20.3
n-Butylbenzene	ND	103	104	1.0	102	100	2.0
n-Propylbenzene	ND	102	103	1.0	102	100	2.0
o-Xylene	ND	104	104	0.0	110	106	3.7
p-Isopropyltoluene	ND	104	105	1.0	102	101	1.0
sec-Butylbenzene	ND	100	101	1.0	98	98	0.0
Styrene	ND	102	104	1.9	110	105	4.7
tert-Butylbenzene	ND	102	104	1.9	103	101	2.0
Tetrachloroethene	ND	106	107	0.9	109	107	1.9
Tetrahydrofuran (THF)	ND	74	80	7.8	82	88	7.1
Toluene	ND	98	100	2.0	104	106	1.9
trans-1,2-Dichloroethene	ND	101	103	2.0	109	104	4.7
trans-1,3-Dichloropropene	ND	97	100	3.0	106	100	5.8
trans-1,4-dichloro-2-butene	ND	77	83	7.5	86	76	12.3
Trichloroethene	ND	107	108	0.9	115	113	1.8
Trichlorofluoromethane	ND	114	115	0.9	108	102	5.7

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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Trichlorotrifluoroethane	ND	117	116	0.9	113	109	3.6
Vinyl chloride	ND	95	95	0.0	96	94	2.1
% 1,2-dichlorobenzene-d4	115	99	101	2.0	102	99	3.0
% Bromofluorobenzene	74	100	101	1.0	100	100	0.0
% Dibromofluoromethane	92	93	95	2.1	101	91	10.4
% Toluene-d8	85	92	93	1.1	92	93	1.1

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 137262, QC Sample No: AS29488 (AS29522, AS29524, AS29536)

Volatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1,2-Tetrachloroethane	ND	93	105	12.1	96	94	2.1
1,1,1-Trichloroethane	ND	114	>130	NC	116	106	9.0
1,1,2,2-Tetrachloroethane	ND	72	82	13.0	72	75	4.1
1,1,2-Trichloroethane	ND	87	99	12.9	89	91	2.2
1,1-Dichloroethane	ND	102	116	12.8	105	97	7.9
1,1-Dichloroethene	ND	107	126	16.3	107	105	1.9
1,1-Dichloropropene	ND	96	110	13.6	98	89	9.6
1,2,3-Trichlorobenzene	ND	91	105	14.3	62	59	5.0
1,2,3-Trichloropropane	ND	88	100	12.8	77	80	3.8
1,2,4-Trichlorobenzene	ND	92	107	15.1	75	73	2.7
1,2,4-Trimethylbenzene	ND	92	104	12.2	89	84	5.8
1,2-Dibromo-3-chloropropane	ND	71	78	9.4	76	73	4.0
1,2-Dichlorobenzene	ND	85	97	13.2	82	80	2.5
1,2-Dichloroethane	ND	79	87	9.6	80	80	0.0
1,2-Dichloropropane	ND	90	104	14.4	92	88	4.4
1,3,5-Trimethylbenzene	ND	91	104	13.3	89	84	5.8
1,3-Dichlorobenzene	ND	90	102	12.5	87	84	3.5
1,3-Dichloropropane	ND	85	98	14.2	83	82	1.2
1,4-Dichlorobenzene	ND	85	97	13.2	82	79	3.7
2,2-Dichloropropane	ND	99	114	14.1	87	111	24.2
2-Chlorotoluene	ND	90	103	13.5	89	84	5.8
2-Hexanone	ND	<70	<70	NC	53	50	5.8
2-Isopropyltoluene	ND	94	108	13.9	89	83	7.0
4-Chlorotoluene	ND	97	111	13.5	92	89	3.3
4-Methyl-2-pentanone	ND	74	84	12.7	67	73	8.6
Acetone	ND	<70	<70	NC	90	<30	NC
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	89	100	11.6	90	88	2.2
Bromobenzene	ND	88	100	12.8	85	84	1.2
Bromochloromethane	ND	102	115	12.0	103	101	2.0
Bromodichloromethane	ND	92	104	12.2	98	92	6.3
Bromoform	ND	78	90	14.3	98	90	8.5
Bromomethane	ND	107	121	12.3	107	92	15.1
Carbon Disulfide	ND	102	123	18.7	103	99	4.0
Carbon tetrachloride	ND	101	115	13.0	114	98	15.1
Chlorobenzene	ND	92	106	14.1	91	88	3.4
Chloroethane	ND	122	>130	NC	109	111	1.8
Chloroform	ND	102	117	13.7	106	101	4.8
Chloromethane	ND	<70	<70	NC	42	49	15.4
cis-1,2-Dichloroethene	ND	105	120	13.3	104	100	3.9
cis-1,3-Dichloropropene	ND	88	102	14.7	89	88	1.1
Dibromochloromethane	ND	83	94	12.4	94	88	6.6

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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromoethane	ND	88	100	12.8	89	86	3.4
Dibromomethane	ND	87	98	11.9	90	87	3.4
Dichlorodifluoromethane	ND	74	86	15.0	68	64	6.1
Ethylbenzene	ND	96	109	12.7	95	89	6.5
Hexachlorobutadiene	ND	93	109	15.8	83	80	3.7
Isopropylbenzene	ND	87	101	14.9	90	84	6.9
m&p-Xylene	ND	98	111	12.4	97	92	5.3
Methyl ethyl ketone	ND	<70	81	NC	72	55	26.8
Methyl t-butyl ether (MTBE)	ND	91	103	12.4	87	88	1.1
Methylene chloride	ND	93	109	15.8	97	94	3.1
Naphthalene	ND	86	100	15.1	53	50	5.8
n-Butylbenzene	ND	91	105	14.3	85	80	6.1
n-Propylbenzene	ND	93	106	13.1	90	83	8.1
o-Xylene	ND	95	108	12.8	94	90	4.3
p-Isopropyltoluene	ND	94	108	13.9	89	83	7.0
sec-Butylbenzene	ND	91	104	13.3	87	81	7.1
Styrene	ND	93	107	14.0	93	90	3.3
tert-Butylbenzene	ND	92	106	14.1	90	83	8.1
Tetrachloroethene	ND	97	110	12.6	96	87	9.8
Tetrahydrofuran (THF)	ND	<70	74	NC	58	42	32.0
Toluene	ND	94	108	13.9	96	90	6.5
trans-1,2-Dichloroethene	ND	103	122	16.9	109	99	9.6
trans-1,3-Dichloropropene	ND	87	100	13.9	91	90	1.1
trans-1,4-dichloro-2-butene	ND	76	86	12.3	79	82	3.7
Trichloroethene	ND	99	114	14.1	100	92	8.3
Trichlorofluoromethane	ND	125	>130	NC	108	102	5.7
Trichlorotrifluoroethane	ND	122	>130	NC	108	107	0.9
Vinyl chloride	ND	89	99	10.6	77	76	1.3
% 1,2-dichlorobenzene-d4	108	97	96	1.0	96	98	2.1
% Bromofluorobenzene	81	100	101	1.0	99	100	1.0
% Dibromofluoromethane	103	108	109	0.9	110	112	1.8
% Toluene-d8	93	96	96	0.0	98	97	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 137263, QC Sample No: AS29492 (AS29520, AS29534)

Volatiles

1,1,1,2-Tetrachloroethane	ND	101	105	3.9	93	109	15.8
1,1,1-Trichloroethane	ND	106	114	7.3	88	113	24.9
1,1,2,2-Tetrachloroethane	ND	83	85	2.4	75	86	13.7
1,1,2-Trichloroethane	ND	97	102	5.0	86	96	11.0
1,1-Dichloroethane	ND	99	103	4.0	82	104	23.7
1,1-Dichloroethene	ND	94	101	7.2	80	101	23.2
1,1-Dichloropropene	ND	102	110	7.5	84	108	25.0
1,2,3-Trichlorobenzene	ND	105	113	7.3	72	90	22.2
1,2,3-Trichloropropane	ND	97	105	7.9	82	94	13.6
1,2,4-Trichlorobenzene	ND	100	105	4.9	78	94	18.6
1,2,4-Trimethylbenzene	ND	100	103	3.0	84	102	19.4
1,2-Dibromo-3-chloropropane	ND	80	84	4.9	83	89	7.0
1,2-Dichlorobenzene	ND	92	96	4.3	78	92	16.5
1,2-Dichloroethane	ND	98	101	3.0	86	101	16.0
1,2-Dichloropropane	ND	95	100	5.1	80	100	22.2
1,3,5-Trimethylbenzene	ND	97	102	5.0	82	100	19.8

QA/QC Data

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Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichlorobenzene	ND	99	102	3.0	82	99	18.8
1,3-Dichloropropane	ND	94	97	3.1	81	95	15.9
1,4-Dichlorobenzene	ND	96	101	5.1	82	98	17.8
2,2-Dichloropropane	ND	91	95	4.3	68	109	46.3
2-Chlorotoluene	ND	98	103	5.0	83	100	18.6
2-Hexanone	ND	71	77	8.1	60	71	16.8
2-Isopropyltoluene	ND	99	105	5.9	80	99	21.2
4-Chlorotoluene	ND	105	109	3.7	86	103	18.0
4-Methyl-2-pentanone	ND	86	87	1.2	73	78	6.6
Acetone	ND	97	94	3.1	83	91	9.2
Acrylonitrile	ND	93	96	3.2	82	100	19.8
Benzene	ND	103	110	6.6	86	112	26.3
Bromobenzene	ND	96	100	4.1	83	96	14.5
Bromochloromethane	ND	101	105	3.9	86	105	19.9
Bromodichloromethane	ND	99	106	6.8	91	105	14.3
Bromoform	ND	90	91	1.1	101	105	3.9
Bromomethane	ND	107	114	6.3	87	104	17.8
Carbon Disulfide	ND	92	99	7.3	78	98	22.7
Carbon tetrachloride	ND	109	116	6.2	94	116	21.0
Chlorobenzene	ND	98	102	4.0	84	102	19.4
Chloroethane	ND	93	101	8.2	>150	98	NC
Chloroform	ND	99	104	4.9	85	105	21.1
Chloromethane	ND	94	98	4.2	88	90	2.2
cis-1,2-Dichloroethene	ND	101	104	2.9	84	107	24.1
cis-1,3-Dichloropropene	ND	98	102	4.0	85	86	1.2
Dibromochloromethane	ND	92	95	3.2	94	104	10.1
Dibromoethane	ND	100	103	3.0	89	95	6.5
Dibromomethane	ND	96	98	2.1	86	101	16.0
Dichlorodifluoromethane	ND	87	92	5.6	70	92	27.2
Ethylbenzene	ND	101	106	4.8	86	107	21.8
Hexachlorobutadiene	ND	101	108	6.7	78	98	22.7
Isopropylbenzene	ND	94	99	5.2	82	101	20.8
m&p-Xylene	ND	104	108	3.8	88	108	20.4
Methyl ethyl ketone	ND	94	95	1.1	77	107	32.6
Methyl t-butyl ether (MTBE)	ND	109	113	3.6	85	103	19.1
Methylene chloride	ND	94	96	2.1	81	95	15.9
Naphthalene	ND	80	91	12.9	61	71	15.2
n-Butylbenzene	ND	100	106	5.8	80	100	22.2
n-Propylbenzene	ND	99	107	7.8	83	101	19.6
o-Xylene	ND	102	106	3.8	88	109	21.3
p-Isopropyltoluene	ND	102	107	4.8	82	101	20.8
sec-Butylbenzene	ND	96	102	6.1	78	97	21.7
Styrene	ND	102	106	3.8	88	108	20.4
tert-Butylbenzene	ND	100	105	4.9	81	100	21.0
Tetrachloroethene	ND	101	107	5.8	86	103	18.0
Tetrahydrofuran (THF)	ND	81	84	3.6	70	88	22.8
Toluene	ND	98	105	6.9	82	83	1.2
trans-1,2-Dichloroethene	ND	101	105	3.9	84	107	24.1
trans-1,3-Dichloropropene	ND	97	103	6.0	89	95	6.5
trans-1,4-dichloro-2-butene	ND	85	79	7.3	73	84	14.0
Trichloroethene	ND	107	113	5.5	89	112	22.9
Trichlorofluoromethane	ND	111	118	6.1	79	100	23.5
Trichlorotrifluoroethane	ND	111	120	7.8	80	107	28.9

QA/QC Data

SDG I.D.: GAS29519

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Vinyl chloride	ND	93	99	6.3	72	90	22.2
% 1,2-dichlorobenzene-d4	119	100	100	0.0	98	102	4.0
% Bromofluorobenzene	74	100	99	1.0	98	101	3.0
% Dibromofluoromethane	93	99	95	4.1	94	94	0.0
% Toluene-d8	85	94	94	0.0	92	75	20.4

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 137268, QC Sample No: AS29689 (AS29525)

Volatiles

1,1,1,2-Tetrachloroethane	ND	103	94	9.1	102	122	17.9
1,1,1-Trichloroethane	ND	104	92	12.2	109	126	14.5
1,1,2,2-Tetrachloroethane	ND	78	79	1.3	82	93	12.6
1,1,2-Trichloroethane	ND	87	88	1.1	91	104	13.3
1,1-Dichloroethane	ND	98	87	11.9	102	119	15.4
1,1-Dichloroethene	ND	91	79	14.1	105	118	11.7
1,1-Dichloropropene	ND	99	86	14.1	106	120	12.4
1,2,3-Trichlorobenzene	ND	94	94	0.0	81	89	9.4
1,2,3-Trichloropropane	ND	93	91	2.2	87	101	14.9
1,2,4-Trichlorobenzene	ND	92	88	4.4	91	98	7.4
1,2,4-Trimethylbenzene	ND	100	89	11.6	101	117	14.7
1,2-Dibromo-3-chloropropane	ND	81	85	4.8	80	83	3.7
1,2-Dichlorobenzene	ND	90	85	5.7	89	102	13.6
1,2-Dichloroethane	ND	91	87	4.5	92	110	17.8
1,2-Dichloropropane	ND	91	84	8.0	98	111	12.4
1,3,5-Trimethylbenzene	ND	98	87	11.9	100	116	14.8
1,3-Dichlorobenzene	ND	96	89	7.6	96	112	15.4
1,3-Dichloropropane	ND	89	86	3.4	91	104	13.3
1,4-Dichlorobenzene	ND	94	89	5.5	95	109	13.7
2,2-Dichloropropane	ND	119	100	17.4	105	112	6.5
2-Chlorotoluene	ND	100	87	13.9	100	115	14.0
2-Hexanone	ND	<70	<70	NC	72	73	1.4
2-Isopropyltoluene	ND	99	88	11.8	100	114	13.1
4-Chlorotoluene	ND	105	93	12.1	103	121	16.1
4-Methyl-2-pentanone	ND	<70	72	NC	73	76	4.0
Acetone	ND	82	85	3.6	85	99	15.2
Acrylonitrile	ND	87	88	1.1	92	106	14.1
Benzene	ND	103	90	13.5	107	123	13.9
Bromobenzene	ND	96	87	9.8	96	109	12.7
Bromochloromethane	ND	95	91	4.3	101	116	13.8
Bromodichloromethane	ND	97	91	6.4	96	112	15.4
Bromoform	ND	92	90	2.2	92	108	16.0
Bromomethane	ND	107	91	16.2	108	127	16.2
Carbon Disulfide	ND	93	80	15.0	98	111	12.4
Carbon tetrachloride	ND	107	94	12.9	110	127	14.3
Chlorobenzene	ND	98	88	10.8	97	116	17.8
Chloroethane	ND	93	84	10.2	101	113	11.2
Chloroform	ND	96	88	8.7	100	116	14.8
Chloromethane	ND	87	76	13.5	87	100	13.9
cis-1,2-Dichloroethene	ND	98	88	10.8	103	118	13.6
cis-1,3-Dichloropropene	ND	80	88	9.5	81	90	10.5
Dibromochloromethane	ND	92	89	3.3	93	108	14.9
Dibromoethane	ND	88	88	0.0	92	101	9.3

QA/QC Data

SDG I.D.: GAS29519

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Dibromomethane	ND	88	86	2.3	95	108	12.8
Dichlorodifluoromethane	ND	79	<70	NC	96	104	8.0
Ethylbenzene	ND	102	89	13.6	104	123	16.7
Hexachlorobutadiene	ND	99	87	12.9	103	113	9.3
Isopropylbenzene	ND	95	83	13.5	104	119	13.5
m&p-Xylene	ND	104	90	14.4	104	126	19.1
Methyl ethyl ketone	ND	93	86	7.8	88	104	16.7
Methyl t-butyl ether (MTBE)	ND	96	97	1.0	99	108	8.7
Methylene chloride	ND	87	86	1.2	94	107	12.9
Naphthalene	ND	<70	76	NC	65	70	7.4
n-Butylbenzene	ND	100	88	12.8	101	116	13.8
n-Propylbenzene	ND	100	88	12.8	101	118	15.5
o-Xylene	ND	102	92	10.3	102	123	18.7
p-Isopropyltoluene	ND	102	90	12.5	102	117	13.7
sec-Butylbenzene	ND	97	85	13.2	99	113	13.2
Styrene	ND	100	90	10.5	100	122	19.8
tert-Butylbenzene	ND	99	88	11.8	103	117	12.7
Tetrachloroethene	ND	104	89	15.5	107	124	14.7
Tetrahydrofuran (THF)	ND	77	74	4.0	82	88	7.1
Toluene	ND	90	82	9.3	93	93	0.0
trans-1,2-Dichloroethene	ND	98	88	10.8	108	124	13.8
trans-1,3-Dichloropropene	ND	93	90	3.3	93	103	10.2
trans-1,4-dichloro-2-butene	ND	89	87	2.3	82	92	11.5
Trichloroethene	ND	105	92	13.2	111	128	14.2
Trichlorofluoromethane	ND	105	92	13.2	103	115	11.0
Trichlorotrifluoroethane	ND	106	96	9.9	109	123	12.1
Vinyl chloride	ND	86	74	15.0	92	103	11.3
% 1,2-dichlorobenzene-d4	119	98	100	2.0	100	100	0.0
% Bromofluorobenzene	72	99	98	1.0	98	100	2.0
% Dibromofluoromethane	99	94	95	1.1	96	96	0.0
% Toluene-d8	87	82	89	8.2	81	75	7.7

Comment:

A blank MS/MSD was analyzed with this batch.

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
June 09, 2010

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** VHB

Project Location: ENVIRITE LF/THOMASTON **Project Number:**

Laboratory Sample ID(s): AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29532, AS29533, AS29534, AS29535, AS29536

Sampling Date(s): 9/28/2009

RCP Methods Used:

☐ 1311/1312 ☑ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☐ 8082 ☐ 8151 ☑ 8260 ☐ 8270 ☐ ETPH ☑ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☑ Yes ☐ No ☐ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Date: Wednesday, June 09, 2010

Printed Name: Greg Lawrence

Position: Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAS29519

Volatile 8260 analysis:
The reporting level for Acrylonitrile is above the GWP criteria.
Dibromoethane doesn't meet GWP criteria, this compound is analyzed by GC/FID method 504 or 8011 when this criteria needs to be met.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Lachat 10/02/09-1 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

Printed Name Cynde Langille
Position: Chemist
Date: 10/2/2009

QC (Batch Specific)

All LCS recoveries were within 85 - 115 with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp7 09/30/09-1 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/30/2009

Instrument: Icp9 09/30/09-1 (AS29531, AS29533, AS29535, AS29536)

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RCP Certification Report

June 09, 2010

SDG I.D.: GAS29519

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 9/30/2009

Instrument: Icp9 10/01/09-1 (AS29519, AS29520, AS29521, AS29522, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29533, AS29535, AS29536)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 10/1/2009

Instrument: Icp9 10/02/09-1 (AS29528, AS29529)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 10/2/2009

QC (Site Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

All MS recoveries were within 75 - 125 with the following exceptions: None.

All MSD recoveries were within 75 - 125 with the following exceptions: Barium, Chromium, Copper, Manganese.

All MS/MSD RPDs were less than 20% with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within cr

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem08 09/29/09-1 (AS29519, AS29520, AS29521, AS29523, AS29524, AS29525, AS29526, AS29527, AS29528, AS29529, AS29530, AS29531, AS29532, AS29533, AS29535)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0921R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Chloromethane, Acetone, Acrylonitrile, Methyl Ethyl Ketone

S -Side
Initial Calibration (0921S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: 2-Hexanone

Printed Name Johanna Harrington
Position: Chemist
Date: 9/29/2009

Instrument: Chem08 09/29/09-2 (AS29520, AS29522, AS29524, AS29534, AS29536)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0921R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Chloromethane, Acetone, Acrylonitrile, 2-Hexanone, 1,2-Dibromo-3-Chloropropane, Naphthalene, 1,2,3-Trichlorobenzene

S -Side
Initial Calibration (0921S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%:

Printed Name Johanna Harrington
Position: Chemist
Date: 9/29/2009

Instrument: Chem08 09/30/09-1 (AS29525)

This instrument is set up with a dual auto sampler (labeled R and S)

R -Side
Initial Calibration (0921R09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr
The following compounds had % Deviations >30%: Chloromethane, Bromomethane, Chloroethane, Trichlorofluoromethane, Acrylonitrile, 2,2 Dichloropropane, 2-Hexanone

S -Side
Initial Calibration (0921S09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibr

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NY # 11301

RCP Certification Report

June 09, 2010

SDG I.D.: GAS29519

The following compounds had % Deviations >30%: 4-Methyl-2-Pentanone, Naphthalene

Printed Name Johanna Harrington
Position: Chemist
Date: 9/30/2009

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acrylonitrile, Chloroethane Chloromethane, Methyl ethyl ketone, Naphthalene, Tetrahydrofuran (THF), Trichlorofluoromethane, Trichlorotrifluoroethane

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,1,1-Trichloroethane, 2-Hexanone, Acetone, Acrylonitrile, Chloroethar Chloromethane, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF), Trichlorofluoromethane, Trichlorotrifluoroethane

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

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 1 of 2

Data Delivery (check one): ☐ Fax #: ☐ Email:
Format: ☐ Excel ☐ Pdf ☐ Gis Key

Customer: VHB, Inc.
Address: 54 Tuttle Place
Middletown, CT
VHB-ENV

Project: Envirite Landfill - Thomaston CT
Report to: Mr. Phil Rydel
Invoice to: Envirite 490 Norristown Rd, Suite 252, Blue Bell PA

Project P.O:
Phone #: 41426
Fax #:

Client Sample - Information - Identification
Sampler's Signature PMR 9/28/09 Date

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Dissolved Ba, Cd, Cr, Cu, Fe, Mn, Na	Dissolved Ni, Zn	Total Cyanide	Chloride, NO2, NO3, pH, SO4	Conductivity, TDS, TSS	VOC by 8260	NH3, TOX, Phenols, TOC	Soil VOA Vials [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [X] 250ml [ ] 500ml [X] 1000ml	GL H2SO4 [X] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
29519	MW-30	GW	9/28/09	13:00	x	x	x	x	x	x	x				2	1	1/1	1		1	
29520	MW-31S	GW		13:30	x	x	x	x	x	x	x				2	1	1/1	1		1	
29521	MW-33	GW		12:30	x	x	x	x	x	x	x				2	1	1/1	1		1	
29522	MW-36	GW		12:15	x	x	x	x	x	x	x				2	1	1/1	1		1	
29523	MW-41S	GW		10:00	x	x	x	x	x	x	x				2	1	1/1	1		1	
29524	MW-41D	GW		9:30	x	x	x	x	x	x	x				2	1	1/1	1		1	
29525	MW-41B	GW		9:45	x	x	x	x	x	x	x				2	1	1/1	1		1	
29526	MW-42S	GW		10:15	x	x	x	x	x	x	x				2	1	1/1	1		1	
29527	MW-42S DUP	GW		10:30	x	x	x	x	x	x	x				2	1	1/1	1		1	
29528	MW-43S	GW		10:45	x	x	x	x	x	x	x				2	1	1/1	1		1	
29529	MW-43D	GW		11:00	x	x	x	x	x	x	x				2	1	1/1	1		1	
29530	MW-44D	GW		11:30	x	x	x	x	x	x	x				2	1	1/1	1		1	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/29/09	9:55
[signature]	[signature]	9/29	18:10

Comments, Special Requirements or Regulations:

Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ Standard ☐ Other
* Surcharge Applies

Requirements for CT: ☐ 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

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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 2 of 2

Data Delivery (check one):
☐ Fax #:
☐ Email:
Format: ☐ Excel ☐ Pdf ☐ Gis Key

Customer: VHB, Inc.
Address: 54 Tutle Place
Middletown, CT

VHB-ENV

Project: Envirite Landfill - Thomaston CT
Report to: Mr. Phil Rydal
Invoice to: Envirite 490 Norristown Rd. Suite 252, Blue Bell PA

Project P.O:
Phone #: 41426
Fax #:

Client Sample - Information - Identification

Sampler's Signature PMR 9/28/09 Date

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Dissolved Ba, Cd, Cr, Cu, Fe, Mn, Na	Dissolved Ni, Zn	Total Cyanide	Chloride, NO2, NO3, pH, SO4	Conductivity, TDS, TSS	VOC by 8260	NH3, TOX, Phenols, TOC	Soil VOA Vials [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [X] 250ml [ ] 500ml [X] 1000ml	GL H2SO4 [X] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle	
29531	MW-44-B	GW	9/28/09	12:00	X	X	X	X	X	X	X					2	1	1/1	1		1		
29532	Field Blank	GW		12:00	X	X	X	X	X	X	X					2	~~1~~	~~1/1~~	~~1~~		~~1~~		PMR
29533	Equipment Blank	GW		12:00	X	X	X	X	X	X	X					2	1	1/1	1		1		
29534	Trip Blank	GW		—						X						2							
29535	SW Up Stream	SW		2:30	X	X	X	X	X	X	X					2	1	1/1	1		1		
29536	SW Down Stream	SW		2:45	X	X	X	X	X	X	X					2	1	1/1	1		1		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/29/09	9:55
[signature]	[signature]	9/29	18:10

Comments, Special Requirements or Regulations:

Turnaround:
1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
☐
☒
* Surcharge Applies

Requirements for CT
☐ 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.

RECEIVED
JAN 05 2010
VANASSE HANGEN BRUSTLIN, INC.

Wednesday, December 30, 2009

Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Project ID: ENVIRITE LF/THOMASTON
Sample ID#s: AS61346 - AS61363

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

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

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	13:24
Location Code:	VHB | MW-30	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61346

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.019	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.006	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.003	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.791	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	140	1.1	mg/L	12/23/09		TH	6010/200.7
Nickel (Dissolved)	0.013	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.061	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	380	30	mg/L	12/22/09		B/G	300.0
Conductivity	2410	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	4.1	0.02	mg/L	12/29/09		WM	350.1
Nitrite as Nitrogen	0.05	0.01	mg/L	12/19/09	0:52	B/E	300.0
Nitrate as Nitrogen	62	0.50	mg/L	12/22/09	0:18	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	7.12	0.10	pH	12/19/09	4:53	LK	4500-H B/9040
Sulfate	380	30	mg/L	12/22/09	0:18	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/22/09		GD	335.4/9010
Tot. Diss. Solids	1500	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	2.4	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.165	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/19/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-30

Phoenix I.D.: AS61346

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/19/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/19/09		R/J	SW8260
Acetone	ND	25	ug/L	12/19/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/19/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/19/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/19/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
cis-1,2-Dichloroethene	170	10	ug/L	12/19/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/19/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/19/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/19/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/19/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/19/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/19/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/19/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61346

Client ID: MW-30

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/19/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/19/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Tetrachloroethene	40	10	ug/L	12/19/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/19/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/19/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/19/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/19/09		R/J	SW8260
Trichloroethene	66	10	ug/L	12/19/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Vinyl chloride	16	1.0	ug/L	12/19/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	111		%	12/19/09		R/J	SW8260
% Bromofluorobenzene	76		%	12/19/09		R/J	SW8260
% Dibromofluoromethane	95		%	12/19/09		R/J	SW8260
% Toluene-d8	89		%	12/19/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	13:45
Location Code:	VHB | MW-31S	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61347

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.156	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	0.053	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	148	0.021	mg/L	12/23/09		TH	6010/200.7
Manganese (Dissolved)	12.0	0.011	mg/L	12/23/09		TH	6010/200.7
Sodium (Dissolved)	63.9	1.1	mg/L	12/23/09		TH	6010/200.7
Nickel (Dissolved)	0.147	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	1.32	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	< 3.0	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	1360	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	31	0.4	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	1:02	B/E	300.0
Nitrate as Nitrogen	0.15	0.05	mg/L	12/19/09	1:02	B/E	300.0/9056
Phenolics	0.824	0.030	mg/L	12/21/09		LK/JL	E420.4
pH	6.45	0.10	pH	12/19/09	4:56	LK	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	12/19/09	1:02	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/22/09		GD	335.4/9010
Tot. Diss. Solids	960	19	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	260	5.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	170	20	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.690	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
1,1,1-Trichloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	10	ug/L	12/23/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-31S

Phoenix I.D.: AS61347

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
1,1-Dichloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
1,1-Dichloroethene	ND	20	ug/L	12/23/09		R/J	SW8260
1,1-Dichloropropene	ND	20	ug/L	12/23/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
1,2,3-Trichloropropane	ND	20	ug/L	12/23/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
1,2,4-Trimethylbenzene	160	20	ug/L	12/23/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	20	ug/L	12/23/09		R/J	SW8260
1,2-Dichlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
1,2-Dichloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
1,2-Dichloropropane	ND	20	ug/L	12/23/09		R/J	SW8260
1,3,5-Trimethylbenzene	45	20	ug/L	12/23/09		R/J	SW8260
1,3-Dichlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
1,3-Dichloropropane	ND	20	ug/L	12/23/09		R/J	SW8260
1,4-Dichlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
2,2-Dichloropropane	ND	20	ug/L	12/23/09		R/J	SW8260
2-Chlorotoluene	ND	20	ug/L	12/23/09		R/J	SW8260
2-Hexanone	ND	100	ug/L	12/23/09		R/J	SW8260
2-Isopropyltoluene	ND	20	ug/L	12/23/09		R/J	SW8260
4-Chlorotoluene	ND	20	ug/L	12/23/09		R/J	SW8260
4-Methyl-2-pentanone	47000	10000	ug/L	12/23/09		R/J	SW8260
Acetone	ND	500	ug/L	12/23/09		R/J	SW8260
Acrylonitrile	ND	100	ug/L	12/23/09		R/J	SW8260
Benzene	140	20	ug/L	12/23/09		R/J	SW8260
Bromobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
Bromochloromethane	ND	20	ug/L	12/23/09		R/J	SW8260
Bromodichloromethane	ND	10	ug/L	12/23/09		R/J	SW8260
Bromoform	ND	20	ug/L	12/23/09		R/J	SW8260
Bromomethane	ND	20	ug/L	12/23/09		R/J	SW8260
Carbon Disulfide	ND	100	ug/L	12/23/09		R/J	SW8260
Carbon tetrachloride	ND	20	ug/L	12/23/09		R/J	SW8260
Chlorobenzene	ND	20	ug/L	12/23/09		R/J	SW8260
Chloroethane	ND	20	ug/L	12/23/09		R/J	SW8260
Chloroform	ND	20	ug/L	12/23/09		R/J	SW8260
Chloromethane	ND	20	ug/L	12/23/09		R/J	SW8260
cis-1,2-Dichloroethene	2600	200	ug/L	12/23/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	10	ug/L	12/23/09		R/J	SW8260
Dibromochloromethane	ND	10	ug/L	12/23/09		R/J	SW8260
Dibromoethane	ND	20	ug/L	12/23/09		R/J	SW8260
Dibromomethane	ND	20	ug/L	12/23/09		R/J	SW8260
Dichlorodifluoromethane	ND	20	ug/L	12/23/09		R/J	SW8260
Ethylbenzene	3300	200	ug/L	12/23/09		R/J	SW8260
Hexachlorobutadiene	ND	8.0	ug/L	12/23/09		R/J	SW8260
Isopropylbenzene	67	20	ug/L	12/23/09		R/J	SW8260
m&p-Xylene	6200	200	ug/L	12/23/09		R/J	SW8260
Methyl ethyl ketone	5100	1000	ug/L	12/23/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	20	ug/L	12/23/09		R/J	SW8260
Methylene chloride	ND	20	ug/L	12/23/09		R/J	SW8260
Naphthalene	37	20	ug/L	12/23/09		R/J	SW8260
n-Butylbenzene	ND	20	ug/L	12/23/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61347

Client ID: MW-31S

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	20	ug/L	12/23/09		R/J	SW8260
o-Xylene	3000	200	ug/L	12/23/09		R/J	SW8260
p-Isopropyltoluene	ND	20	ug/L	12/23/09		R/J	SW8260
sec-Butylbenzene	ND	20	ug/L	12/23/09		R/J	SW8260
Styrene	ND	20	ug/L	12/23/09		R/J	SW8260
tert-Butylbenzene	ND	20	ug/L	12/23/09		R/J	SW8260
Tetrachloroethene	ND	20	ug/L	12/23/09		R/J	SW8260
Tetrahydrofuran (THF)	580	100	ug/L	12/23/09		R/J	SW8260
Toluene	14000	2000	ug/L	12/23/09		R/J	SW8260
Total Xylenes	9200	200	ug/L	12/23/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	20	ug/L	12/23/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	10	ug/L	12/23/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	100	ug/L	12/23/09		R/J	SW8260
Trichloroethene	ND	20	ug/L	12/23/09		R/J	SW8260
Trichlorofluoromethane	ND	20	ug/L	12/23/09		R/J	SW8260
Trichlorotrifluoroethane	ND	20	ug/L	12/23/09		R/J	SW8260
Vinyl chloride	760	200	ug/L	12/23/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	12/23/09		R/J	SW8260
% Bromofluorobenzene	97		%	12/23/09		R/J	SW8260
% Dibromofluoromethane	93		%	12/23/09		R/J	SW8260
% Toluene-d8	98		%	12/23/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.
Total Cyanide: This sample was received with a pH<12; pH was adjusted to >12 (EPA requires preservation at time of sampling to a pH of >12.) A sample bias can not be ruled out.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	12:30
Location Code:	VHB | MW-33	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61348

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.015	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.123	0.002	mg/L	12/22/09		EK	6010/200.7
Manganese (Dissolved)	0.007	0.001	mg/L	12/22/09		EK	6010/200.7
Sodium (Dissolved)	8.56	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.005	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	15	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	208	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	1:12	B/E	300.0
Nitrate as Nitrogen	2.5	0.05	mg/L	12/19/09	1:12	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	7.19	0.10	pH	12/19/09	5:15	LK	4500-H B/9040
Sulfate	24	3.0	mg/L	12/19/09	1:12	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/22/09		GD	335.4/9010
Tot. Diss. Solids	83	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.3	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	46	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.014	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-33

Phoenix I.D.: AS61348

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61348

Client ID: MW-33

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	113		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	80		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	94		%	12/20/09		R/J	SW8260
% Toluene-d8	95		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	14:00
Location Code:	VHB | MW-36	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61349

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-36

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.046	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.016	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.004	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	38.8	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.038	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	69	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	359	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	1:22	B/E	300.0
Nitrate as Nitrogen	0.53	0.05	mg/L	12/19/09	1:22	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.81	0.10	pH	12/19/09	5:18	LK	4500-H B/9040
Sulfate	35	3.0	mg/L	12/19/09	1:22	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/22/09		GD	335.4/9010
Tot. Diss. Solids	190	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/19/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-36

Phoenix I.D.: AS61349

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/19/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/19/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/19/09		R/J	SW8260
Acetone	ND	25	ug/L	12/19/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/19/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/19/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/19/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/19/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/19/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/19/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/19/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/19/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/19/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/19/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/19/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/19/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61349

Client ID: MW-36

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/19/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/19/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/19/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/19/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/19/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/19/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/19/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/19/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/19/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	12/19/09		R/J	SW8260
% Bromofluorobenzene	78		%	12/19/09		R/J	SW8260
% Dibromofluoromethane	105		%	12/19/09		R/J	SW8260
% Toluene-d8	93		%	12/19/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	10:15
Location Code:	VHB | MW-41S	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61350

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.085	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.008	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.287	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.041	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	39.0	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.005	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.054	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	52	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	365	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	1:32	B/E	300.0
Nitrate as Nitrogen	3.7	0.05	mg/L	12/19/09	1:32	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.55	0.10	pH	12/19/09	5:21	LK	4500-H B/9040
Sulfate	44	3.0	mg/L	12/19/09	1:32	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	240	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	3.1	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	200	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.025	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41S

Phoenix I.D.: AS61350

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	13	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61350

Client ID: MW-41S

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	3.7	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	6.1	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	113		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	78		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	102		%	12/20/09		R/J	SW8260
% Toluene-d8	90		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director

December 30, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	10:00
Location Code:	VHB | MW-41D	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61351

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.076	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.098	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	1.66	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	51.9	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.003	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.004	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	90	6.0	mg/L	12/22/09		B/G	300.0
Conductivity	670	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.06	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	1:43	B/E	300.0
Nitrate as Nitrogen	6.7	0.10	mg/L	12/22/09	0:28	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.73	0.10	pH	12/19/09	5:24	LK	4500-H B/9040
Sulfate	120	6.0	mg/L	12/22/09	0:28	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	370	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.1	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.033	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D

Phoenix I.D.: AS61351

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	38	5.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41D

Phoenix I.D.: AS61351

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	9.7	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	16	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	113		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	75		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	98		%	12/20/09		R/J	SW8260
% Toluene-d8	89		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	9:39
Location Code:	VHB | MW-41B	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61352

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.058	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.029	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.078	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	46.0	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.007	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.018	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	130	30	mg/L	12/22/09		B/G	300.0
Conductivity	1370	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	0.22	0.01	mg/L	12/19/09	1:53	B/E	300.0
Nitrate as Nitrogen	21	0.50	mg/L	12/22/09	0:38	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	7.43	0.10	pH	12/19/09	5:28	LK	4500-H B/9040
Sulfate	360	30	mg/L	12/22/09	0:38	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	980	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.3	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	12	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.056	0.010	mg/L	12/23/09		*	SW9020
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-41B

Phoenix I.D.: AS61352

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	96	5.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61352

Client ID: MW-41B

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	8.6	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	26	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	2.7	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	115		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	77		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	96		%	12/20/09		R/J	SW8260
% Toluene-d8	87		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	10:30
Location Code:	VHB | MW-42S	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61353

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.043	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.022	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.153	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.004	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	39.2	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.035	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.085	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	64	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	594	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.03	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	2:03	B/E	300.0
Nitrate as Nitrogen	8.8	0.10	mg/L	12/22/09	0:49	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.77	0.10	pH	12/19/09	5:36	LK	4500-H B/9040
Sulfate	96	6.0	mg/L	12/22/09	0:49	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	320	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.7	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	94	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.015	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S

Phoenix I.D.: AS61353

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	6.0	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61353

Client ID: MW-42S

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	4.6	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	4.5	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	115		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	75		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	100		%	12/20/09		R/J	SW8260
% Toluene-d8	92		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	10:40
Location Code:	VHB | MW-42 S DUP	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61354

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-42S-DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.043	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.021	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.096	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.004	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	40.3	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.035	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.088	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	54	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	530	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.05	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	2:13	B/E	300.0
Nitrate as Nitrogen	8.1	0.10	mg/L	12/22/09	0:59	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.88	0.10	pH	12/19/09	5:40	LK	4500-H B/9040
Sulfate	86	6.0	mg/L	12/22/09	0:59	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	320	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.8	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	69	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.018	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S-DUP

Phoenix I.D.: AS61354

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	4.1	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-42S-DUP

Phoenix I.D.: AS61354

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	3.8	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	3.5	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	115		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	79		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	101		%	12/20/09		R/J	SW8260
% Toluene-d8	92		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	11:15
Location Code:	VHB | MW-43S	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61355

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-43S

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.035	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.023	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.164	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.134	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	173	1.1	mg/L	12/23/09		TH	6010/200.7
Nickel (Dissolved)	0.024	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.042	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	280	30	mg/L	12/22/09		B/G	300.0
Conductivity	1900	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	3:14	B/E	300.0
Nitrate as Nitrogen	56	0.50	mg/L	12/22/09	1:09	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.53	0.10	pH	12/19/09	5:43	LK	4500-H B/9040
Sulfate	250	30	mg/L	12/22/09	1:09	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	1200	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.9	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	120	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.015	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S

Phoenix I.D.: AS61355

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	7.8	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43S

Phoenix I.D.: AS61355

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	10	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	7.5	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	77		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	97		%	12/20/09		R/J	SW8260
% Toluene-d8	90		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	11:00
Location Code:	VHB | MW-43D	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61356

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.026	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.201	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.013	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.367	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	179	1.1	mg/L	12/23/09		TH	6010/200.7
Nickel (Dissolved)	0.053	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.171	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	320	30	mg/L	12/22/09		B/G	300.0
Conductivity	2020	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	0.15	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	3:24	B/E	300.0
Nitrate as Nitrogen	62	0.50	mg/L	12/22/09	1:19	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.21	0.10	pH	12/19/09	5:48	LK	4500-H B/9040
Sulfate	300	30	mg/L	12/22/09	1:19	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	960	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.7	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	9.5	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.059	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-43D

Phoenix I.D.: AS61356

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	20	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61356

Client ID: MW-43D

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	16	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	17	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	113		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	76		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	100		%	12/20/09		R/J	SW8260
% Toluene-d8	90		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	11:45
Location Code:	VHB | MW-44D	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61357

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-44D

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.049	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	0.013	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.309	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	107	1.1	mg/L	12/23/09		TH	6010/200.7
Nickel (Dissolved)	0.021	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.061	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	210	15	mg/L	12/22/09		B/G	300.0
Conductivity	1300	5	umhos/cm	12/22/09		LK	SM2510B
Ammonia as Nitrogen	0.26	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	3:34	B/E	300.0
Nitrate as Nitrogen	25	0.25	mg/L	12/22/09	1:29	B/G	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	6.99	0.10	pH	12/19/09	5:51	LK	4500-H B/9040
Sulfate	160	15	mg/L	12/22/09	1:29	B/G	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	660	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	1.5	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	12	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	0.058	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AS61357

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	22	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44D

Phoenix I.D.: AS61357

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	9.3	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	11	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	1.1	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	75		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	87		%	12/20/09		R/J	SW8260
% Toluene-d8	90		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	12:00
Location Code:	VHB | MW-44B	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61358

Project ID: ENVIRITE LF/THOMASTON

Client ID: MW-44B

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.017	0.002	mg/L	12/22/09		LK	6010/200.7	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7	
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7	
Copper (Dissolved)	0.003	0.001	mg/L	12/22/09		LK	6010/200.7	
Iron (Dissolved)	0.008	0.002	mg/L	12/22/09		LK	6010/200.7	
Manganese (Dissolved)	0.316	0.001	mg/L	12/22/09		LK	6010/200.7	
Sodium (Dissolved)	78.2	1.1	mg/L	12/23/09		TH	6010/200.7	
Nickel (Dissolved)	0.022	0.001	mg/L	12/22/09		LK	6010/200.7	
Zinc (Dissolved)	0.058	0.002	mg/L	12/22/09		LK	6010/200.7	
Chloride	120	6.0	mg/L	12/22/09		B/G	300.0	
Conductivity	738	5	umhos/cm	12/19/09		LK	SM2510B	
Ammonia as Nitrogen	0.02	0.02	mg/L	12/23/09		WM	350.1	
Nitrite as Nitrogen	< 0.02	0.02	mg/L	12/22/09	1:49	B/G	300.0	
Nitrate as Nitrogen	8.1	0.10	mg/L	12/22/09	1:49	B/G	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4	
pH	6.85	0.10	pH	12/19/09	5:54	LK	4500-H B/9040	
Sulfate	83	3.0	mg/L	12/19/09	3:44	B/E	300.0	
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010	
Tot. Diss. Solids	390	10	mg/L	12/21/09		VR/KDB	SM2540C	
Total Organic Carbon	< 1.0	1.0	mg/L	12/21/09		JL	SM 5310B	
Total Suspended Solids	< 5.0	5.0	mg/L	12/21/09		VR/CL	SM2540D	
Filtration	Completed			12/21/09		C	0.45um Filter	
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005	
Tot. Org. Halogens	0.044	0.010	mg/L	12/23/09		*	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260	

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Phoenix I.D.: AS61358

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	18	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: MW-44B

Phoenix I.D.: AS61358

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	8.7	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	21	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	116		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	74		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	88		%	12/20/09		R/J	SW8260
% Toluene-d8	88		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	0:00
Location Code:	VHB | FB	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61359

Project ID: ENVIRITE LF/THOMASTON

Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	< 0.002	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	0.19	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.003	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	< 3.0	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	< 5	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	3:54	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	12/19/09	3:54	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	5.74	0.10	pH	12/19/09	5:57	LK	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	12/19/09	3:54	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	12/21/09		VR/KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/21/09		VR/CL	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: FIELD BLANK

Phoenix I.D.: AS61359

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61359

Client ID: FIELD BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	77		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	111		%	12/20/09		R/J	SW8260
% Toluene-d8	94		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	0:00
Location Code:	VHB | EB	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61360

Project ID: ENVIRITE LF/THOMASTON

Client ID: EQUIPMENT BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	< 0.002	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.006	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	0.13	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.005	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	< 3.0	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	< 5	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	4:04	B/E	300.0
Nitrate as Nitrogen	< 0.05	0.05	mg/L	12/19/09	4:04	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	5.58	0.10	pH	12/19/09	6:00	LK	4500-H B/9040
Sulfate	< 3.0	3.0	mg/L	12/19/09	4:04	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	< 10	10	mg/L	12/22/09		KDB	SM2540C
Total Organic Carbon	< 1.0	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/22/09		KDB	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: AS61360

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1-Dichloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/21/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/21/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/21/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/21/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/21/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/21/09		R/J	SW8260
Acetone	ND	25	ug/L	12/21/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/21/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/21/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/21/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/21/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/21/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/21/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/21/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/21/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/21/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/21/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/21/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/21/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: EQUIPMENT BLANK

Phoenix I.D.: AS61360

Parameter	Result	RL	Units	Date	Time	By	Reference
o-Xylene	ND	1.0	ug/L	12/21/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/21/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/21/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/21/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/21/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/21/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/21/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	114		%	12/21/09		R/J	SW8260
% Bromofluorobenzene	80		%	12/21/09		R/J	SW8260
% Dibromofluoromethane	88		%	12/21/09		R/J	SW8260
% Toluene-d8	94		%	12/21/09		R/J	SW8260

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	0:00
Location Code:	VHB | TB	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61361

Project ID: ENVIRITE LF/THOMASTON

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: TRIP BLANK

Phoenix I.D.: AS61361

Parameter	Result	RL	Units	Date	Time	By	Reference
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	113		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	76		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	90		%	12/20/09		R/J	SW8260
% Toluene-d8	94		%	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61361

Client ID: TRIP BLANK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

TRIP BLANK INCLUDED

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller, Laboratory Director

December 30, 2009

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	14:30
Location Code:	VHB | SW-UP	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61362

Project ID: ENVIRITE LF/THOMASTON

Client ID: SW UP STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
Barium (Dissolved)	0.01	0.002	mg/L	12/22/09		LK	6010/200.7
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7
Iron (Dissolved)	0.169	0.002	mg/L	12/22/09		LK	6010/200.7
Manganese (Dissolved)	0.031	0.001	mg/L	12/22/09		LK	6010/200.7
Sodium (Dissolved)	11.2	0.11	mg/L	12/22/09		EK	6010/200.7
Nickel (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7
Zinc (Dissolved)	0.005	0.002	mg/L	12/22/09		LK	6010/200.7
Chloride	16	3.0	mg/L	12/19/09		B/E	300.0
Conductivity	112	5	umhos/cm	12/19/09		LK	SM2510B
Ammonia as Nitrogen	0.04	0.02	mg/L	12/23/09		WM	350.1
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	4:14	B/E	300.0
Nitrate as Nitrogen	0.23	0.05	mg/L	12/19/09	4:14	B/E	300.0/9056
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4
pH	7.26	0.10	pH	12/19/09	6:04	LK	4500-H B/9040
Sulfate	7.5	3.0	mg/L	12/19/09	4:14	B/E	300.0
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010
Tot. Diss. Solids	67	10	mg/L	12/22/09		KDB	SM2540C
Total Organic Carbon	2.2	1.0	mg/L	12/21/09		JL	SM 5310B
Total Suspended Solids	< 5.0	5.0	mg/L	12/22/09		KDB	SM2540D
Filtration	Completed			12/21/09		C	0.45um Filter
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005
Tot. Org. Halogens	BDL	0.010	mg/L	12/23/09		*	SW9020 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW UP STREAM

Phoenix I.D.: AS61362

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW UP STREAM

Phoenix I.D.: AS61362

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	117		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	77		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	110		%	12/20/09		R/J	SW8260
% Toluene-d8	95		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

December 30, 2009

FOR: Attn: Mr. Phil Rydel
Vanasse Hangen Brustlin, Inc.
54 Tuttle Place
Middletown, CT 06457-1847

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		12/17/09	14:15
Location Code:	VHB | SW-DN	Received by:	LB	12/18/09	0:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GAS61346
Phoenix ID: AS61363

Project ID: ENVIRITE LF/THOMASTON

Client ID: SW DOWN STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference	
Barium (Dissolved)	0.010	0.002	mg/L	12/22/09		LK	6010/200.7	
Cadmium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7	
Chromium (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7	
Copper (Dissolved)	< 0.001	0.001	mg/L	12/22/09		LK	6010/200.7	
Iron (Dissolved)	0.139	0.002	mg/L	12/22/09		LK	6010/200.7	
Manganese (Dissolved)	0.028	0.001	mg/L	12/22/09		LK	6010/200.7	
Sodium (Dissolved)	10.7	0.11	mg/L	12/23/09		TH	6010/200.7	
Nickel (Dissolved)	0.002	0.001	mg/L	12/22/09		LK	6010/200.7	
Zinc (Dissolved)	0.006	0.002	mg/L	12/22/09		LK	6010/200.7	
Chloride	16	3.0	mg/L	12/19/09		B/E	300.0	
Conductivity	114	5	umhos/cm	12/19/09		LK	SM2510B	
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/23/09		WM	350.1	
Nitrite as Nitrogen	< 0.01	0.01	mg/L	12/19/09	4:24	B/E	300.0	
Nitrate as Nitrogen	0.20	0.05	mg/L	12/19/09	4:24	B/E	300.0/9056	
Phenolics	< 0.015	0.015	mg/L	12/21/09		LK/JL	E420.4	
pH	7.29	0.10	pH	12/19/09	6:07	LK	4500-H B/9040	
Sulfate	7.4	3.0	mg/L	12/19/09	4:24	B/E	300.0	
Total Cyanide	< 0.01	0.01	mg/L	12/23/09		GD	335.4/9010	
Tot. Diss. Solids	68	10	mg/L	12/22/09		KDB	SM2540C	
Total Organic Carbon	2.3	1.0	mg/L	12/21/09		JL	SM 5310B	
Total Suspended Solids	5.0	5.0	mg/L	12/22/09		KDB	SM2540D	
Filtration	Completed			12/21/09		C	0.45um Filter	
Dissolved Metals Preparation	Completed			12/21/09		C	SW846-3005	
Tot. Org. Halogens	BDL	0.010	mg/L	12/23/09		*	SW9020	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	12/20/09		R/J	SW8260	

Project ID: ENVIRITE LF/THOMASTON
Client ID: SW DOWN STREAM

Phoenix I.D.: AS61363

Parameter	Result	RL	Units	Date	Time	By	Reference
1,1,2-Trichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
2-Hexanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Chlorotoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Acetone	ND	25	ug/L	12/20/09		R/J	SW8260
Acrylonitrile	ND	5.0	ug/L	12/20/09		R/J	SW8260
Benzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromochloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromodichloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Bromoform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Bromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	12/20/09		R/J	SW8260
Carbon tetrachloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chlorobenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloroform	ND	1.0	ug/L	12/20/09		R/J	SW8260
Chloromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromochloromethane	ND	0.50	ug/L	12/20/09		R/J	SW8260
Dibromoethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dibromomethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Ethylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	12/20/09		R/J	SW8260
Isopropylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
m&p-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	12/20/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	12/20/09		R/J	SW8260
Methylene chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
Naphthalene	ND	1.0	ug/L	12/20/09		R/J	SW8260
n-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260

Project ID: ENVIRITE LF/THOMASTON

Phoenix I.D.: AS61363

Client ID: SW DOWN STREAM

Parameter	Result	RL	Units	Date	Time	By	Reference
n-Propylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
o-Xylene	ND	1.0	ug/L	12/20/09		R/J	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
sec-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Styrene	ND	1.0	ug/L	12/20/09		R/J	SW8260
tert-Butylbenzene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrachloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	5.0	ug/L	12/20/09		R/J	SW8260
Toluene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Total Xylenes	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	12/20/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	12/20/09		R/J	SW8260
Trichloroethene	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	12/20/09		R/J	SW8260
Vinyl chloride	ND	1.0	ug/L	12/20/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	118		%	12/20/09		R/J	SW8260
% Bromofluorobenzene	77		%	12/20/09		R/J	SW8260
% Dibromofluoromethane	94		%	12/20/09		R/J	SW8260
% Toluene-d8	94		%	12/20/09		R/J	SW8260

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.
* TOX analyzed by CT certified lab #PH-0520.

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

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

PHOENIX

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

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NY # 11301

QA/QC Report

December 30, 2009

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 144127, QC Sample No: AS61291 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362)								
ICP Metals - Dissolved								
Barium	BDL	3.20	90.2	86.4	4.3	87.7	88.0	0.3
Cadmium	BDL	NC	90.1	89.3	0.9	89.4	89.6	0.2
Chromium	BDL	NC	92.0	88.9	3.4	89.3	90.0	0.8
Copper	BDL	NC	91.3	88.0	3.7	89.5	90.3	0.9
Iron	BDL	5.40	97.1	96.5	0.6	94.9	100	5.2
Manganese	BDL	2.50	92.0	88.3	4.1	88.4	88.6	0.2
Nickel	BDL	7.60	91.9	88.7	3.5	89.4	89.6	0.2
Sodium	BDL	1.00	89.5	80.4	10.7	NC	NC	NC
Zinc	BDL	11.6	88.9	86.0	3.3	87.1	87.8	0.8
QA/QC Batch 144231, QC Sample No: AS61422 (AS61363)								
ICP Metals - Dissolved								
Barium	BDL	NC	86.2	83.8	2.8	87.5	93.0	6.1
Cadmium	BDL	NC	86.0	86.0	0.0	86.3	90.2	4.4
Chromium	BDL	NC	86.8	84.0	3.3	85.9	91.7	6.5
Copper	BDL	6.10	89.6	86.9	3.1	93.0	99.6	6.9
Iron	BDL	11.5	84.5	81.6	3.5	84.0	89.1	5.9
Manganese	BDL	0.70	86.5	84.1	2.8	85.6	91.0	6.1
Nickel	BDL	0.30	90.4	87.8	2.9	89.2	94.9	6.2
Sodium	BDL	1.20	99.8	96.6	3.3	NC	NC	NC
Zinc	BDL	2.10	85.2	82.8	2.9	87.4	93.1	6.3

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 30, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 30, 2009

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 144268, QC Sample No: AS60391 (AS61346, AS61347, AS61348, AS61349)								
Total Cyanide	BDL		98.2			99.0		
QA/QC Batch 144499, QC Sample No: AS60867 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351)								
Phenolics	BDL	NC	95.0			97.0		
QA/QC Batch 144267, QC Sample No: AS61134 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359)								
Ammonia as Nitrogen	BDL		101			103		
QA/QC Batch 144201, QC Sample No: AS61293 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354)								
Chloride	BDL	6.20	95.1			87.6		
QA/QC Batch 144203, QC Sample No: AS61293 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354)								
Nitrate as Nitrogen	BDL	6.00	102			95.2		
QA/QC Batch 144202, QC Sample No: AS61293 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354)								
Nitrite as Nitrogen	BDL	NC	102			89.4		
QA/QC Batch 144204, QC Sample No: AS61293 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354)								
Sulfate	BDL	0	91.5			87.7		
QA/QC Batch 144156, QC Sample No: AS61346 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359)								
Tot. Diss. Solids	BDL	3.97	97.8					
QA/QC Batch 144157, QC Sample No: AS61346 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359)								
Total Suspended Solids	BDL	NC	85.8					
QA/QC Batch 144271, QC Sample No: AS61349 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Total Organic Carbon	BDL	NC	103			105		
QA/QC Batch 144385, QC Sample No: AS61350 (AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Total Cyanide	BDL	NC	103			99.5		
QA/QC Batch 144497, QC Sample No: AS61352 (AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Phenolics	BDL	NC	99.0			104		
QA/QC Batch 144264, QC Sample No: AS61362 (AS61360, AS61362, AS61363)								
Tot. Diss. Solids	BDL	6.55	98.9					
QA/QC Batch 144265, QC Sample No: AS61362 (AS61360, AS61362, AS61363)								
Total Suspended Solids	BDL	NC	90.6					
QA/QC Batch 144149, QC Sample No: AS61378 (AS61346, AS61347)								
Conductivity	BDL	0.50	107					

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	Dup RPD	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 144150, QC Sample No: AS61525 (AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Conductivity	BDL	1.10	107					
QA/QC Batch 144205, QC Sample No: AS61535 (AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Chloride	BDL	0	95.6			94.3		
QA/QC Batch 144207, QC Sample No: AS61535 (AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Nitrate as Nitrogen	BDL		103			100		
QA/QC Batch 144206, QC Sample No: AS61535 (AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Nitrite as Nitrogen	BDL		102			102		
QA/QC Batch 144208, QC Sample No: AS61535 (AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)								
Sulfate	BDL	0	90.9			92.8		
QA/QC Batch 144275, QC Sample No: AS61658 (AS61360, AS61362, AS61363)								
Ammonia as Nitrogen	BDL		103			103		
QA/QC Batch 144287, QC Sample No: AS61800 (AS61346, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358)								
Chloride	BDL	NC	98.0			93.6		
QA/QC Batch 144289, QC Sample No: AS61800 (AS61346, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358)								
Nitrate as Nitrogen	BDL	NC	101			92.2		
QA/QC Batch 144288, QC Sample No: AS61800 (AS61346, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358)								
Nitrite as Nitrogen	BDL	NC	102			103		
QA/QC Batch 144290, QC Sample No: AS61800 (AS61346, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358)								
Sulfate	BDL	0	96.1			94.4		
QA/QC Batch 144255, QC Sample No: AS61803 (AS61346, AS61347, AS61352, AS61355, AS61356, AS61357)								
Conductivity	BDL	0	108					
QA/QC Batch 144501, QC Sample No: AS62556 (AS61346)								
Ammonia as Nitrogen	BDL		101			103		

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller

Phyllis Shiller, Laboratory Director
December 30, 2009

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 30, 2009

QA/QC Data

SDG I.D.: GAS61346

QA/QC Batch 144284, QC Sample No: AS60533 (AS61346, AS61351, AS61352, AS61360)

Volatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1,2-Tetrachloroethane	ND	99	90	9.5	98		
1,1,1-Trichloroethane	ND	97	86	12.0	100		
1,1,2,2-Tetrachloroethane	ND	88	84	4.7	92		
1,1,2-Trichloroethane	ND	92	86	6.7	98		
1,1-Dichloroethane	ND	92	82	11.5	90		
1,1-Dichloroethene	ND	92	79	15.2	98		
1,1-Dichloropropene	ND	108	97	10.7	110		
1,2,3-Trichlorobenzene	ND	119	114	4.3	133		
1,2,3-Trichloropropane	ND	99	95	4.1	90		
1,2,4-Trichlorobenzene	ND	110	107	2.8	135		3
1,2,4-Trimethylbenzene	ND	105	99	5.9	102		
1,2-Dibromo-3-chloropropane	ND	93	84	10.2	94		
1,2-Dichlorobenzene	ND	98	93	5.2	96		
1,2-Dichloroethane	ND	90	85	5.7	96		
1,2-Dichloropropane	ND	99	89	10.6	96		
1,3,5-Trimethylbenzene	ND	104	97	7.0	100		
1,3-Dichlorobenzene	ND	103	96	7.0	100		
1,3-Dichloropropane	ND	94	89	5.5	97		
1,4-Dichlorobenzene	ND	103	97	6.0	105		
2,2-Dichloropropane	ND	84	84	0.0	96		
2-Chlorotoluene	ND	106	99	6.8	100		
2-Hexanone	ND	88	92	4.4	112		
2-Isopropyltoluene	ND	106	97	8.9	104		
4-Chlorotoluene	ND	105	99	5.9	100		
4-Methyl-2-pentanone	ND	95	88	7.7	114		
Acetone	ND	88	77	13.3	84		
Acrylonitrile	ND	<70	<70	NC	<30		
Benzene	ND	99	90	9.5	95		
Bromobenzene	ND	103	97	6.0	100		
Bromochloromethane	ND	94	89	5.5	98		
Bromodichloromethane	ND	98	88	10.8	99		
Bromoform	ND	98	95	3.1	110		
Bromomethane	ND	94	84	11.2	90		
Carbon Disulfide	ND	102	87	15.9	98		
Carbon tetrachloride	ND	101	89	12.6	108		
Chlorobenzene	ND	101	93	8.2	96		
Chloroethane	ND	95	85	11.1	88		
Chloroform	ND	86	80	7.2	90		

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloromethane	ND	102	88	14.7	90		
cis-1,2-Dichloroethene	ND	90	84	6.9	90		
cis-1,3-Dichloropropene	ND	96	93	3.2	109		
Dibromochloromethane	ND	98	93	5.2	106		
Dibromoethane	ND	97	91	6.4	110		
Dibromomethane	ND	94	91	3.2	98		
Dichlorodifluoromethane	ND	92	<70	NC	98		
Ethylbenzene	ND	108	98	9.7	102		
Hexachlorobutadiene	ND	103	95	8.1	108		
Isopropylbenzene	ND	105	95	10.0	104		
m&p-Xylene	ND	106	98	7.8	101		
Methyl ethyl ketone	ND	89	87	2.3	88		
Methyl t-butyl ether (MTBE)	ND	81	79	2.5	86		
Methylene chloride	ND	82	76	7.6	82		
Naphthalene	ND	98	91	7.4	150		3
n-Butylbenzene	ND	113	106	6.4	120		
n-Propylbenzene	ND	108	99	8.7	101		
o-Xylene	ND	110	100	9.5	103		
p-Isopropyltoluene	ND	114	105	8.2	112		
sec-Butylbenzene	ND	108	98	9.7	106		
Styrene	ND	105	100	4.9	105		
tert-Butylbenzene	ND	110	102	7.5	108		
Tetrachloroethene	ND	104	94	10.1	105		
Tetrahydrofuran (THF)	ND	94	92	2.2	99		
Toluene	ND	98	92	6.3	97		
trans-1,2-Dichloroethene	ND	92	83	10.3	91		
trans-1,3-Dichloropropene	ND	97	93	4.2	108		
trans-1,4-dichloro-2-butene	ND	94	94	0.0	107		
Trichloroethene	ND	105	94	11.1	104		
Trichlorofluoromethane	ND	105	86	19.9	102		
Trichlorotrifluoroethane	ND	101	85	17.2	103		
Vinyl chloride	ND	102	86	17.0	93		
% 1,2-dichlorobenzene-d4	112	98	98	0.0	99		
% Bromofluorobenzene	80	94	94	0.0	96		
% Dibromofluoromethane	102	97	98	1.0	104		
% Toluene-d8	95	96	96	0.0	98		

Comment:

The MSD is not reported for this batch.

QA/QC Batch 144199, QC Sample No: AS61130 (AS61346, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356)

Volatiles

1,1,1,2-Tetrachloroethane	ND	90	90	0.0	97	95	2.1
1,1,1-Trichloroethane	ND	86	84	2.4	99	95	4.1
1,1,2,2-Tetrachloroethane	ND	85	81	4.8	90	87	3.4
1,1,2-Trichloroethane	ND	86	82	4.8	94	89	5.5
1,1-Dichloroethane	ND	84	84	0.0	94	98	4.2
1,1-Dichloroethene	ND	84	80	4.9	100	98	2.0
1,1-Dichloropropene	ND	100	97	3.0	89	84	5.8
1,2,3-Trichlorobenzene	ND	110	106	3.7	110	111	0.9

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,3-Trichloropropane	ND	103	95	8.1	95	90	5.4
1,2,4-Trichlorobenzene	ND	107	99	7.8	104	106	1.9
1,2,4-Trimethylbenzene	ND	102	100	2.0	101	99	2.0
1,2-Dibromo-3-chloropropane	ND	87	76	13.5	87	84	3.5
1,2-Dichlorobenzene	ND	95	92	3.2	95	95	0.0
1,2-Dichloroethane	ND	84	83	1.2	94	92	2.2
1,2-Dichloropropane	ND	91	89	2.2	91	90	1.1
1,3,5-Trimethylbenzene	ND	103	99	4.0	100	100	0.0
1,3-Dichlorobenzene	ND	101	98	3.0	99	98	1.0
1,3-Dichloropropane	ND	89	89	0.0	95	90	5.4
1,4-Dichlorobenzene	ND	101	96	5.1	100	101	1.0
2,2-Dichloropropane	ND	86	86	0.0	81	87	7.1
2-Chlorotoluene	ND	104	102	1.9	102	102	0.0
2-Hexanone	ND	88	82	7.1	86	79	8.5
2-Isopropyltoluene	ND	102	98	4.0	103	100	3.0
4-Chlorotoluene	ND	105	103	1.9	97	98	1.0
4-Methyl-2-pentanone	ND	87	88	1.1	92	85	7.9
Acetone	ND	76	80	5.1	96	91	5.3
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	92	90	2.2	96	74	25.9
Bromobenzene	ND	101	99	2.0	99	98	1.0
Bromochloromethane	ND	89	88	1.1	98	105	6.9
Bromodichloromethane	ND	88	86	2.3	94	88	6.6
Bromoform	ND	92	94	2.2	106	98	7.8
Bromomethane	ND	77	79	2.6	88	102	14.7
Carbon Disulfide	ND	90	90	0.0	95	100	5.1
Carbon tetrachloride	ND	86	85	1.2	105	93	12.1
Chlorobenzene	ND	93	94	1.1	98	96	2.1
Chloroethane	ND	90	88	2.2	93	100	7.3
Chloroform	ND	78	78	0.0	94	96	2.1
Chloromethane	ND	95	92	3.2	93	96	3.2
cis-1,2-Dichloroethene	ND	86	85	1.2	95	101	6.1
cis-1,3-Dichloropropene	ND	94	91	3.2	91	90	1.1
Dibromochloromethane	ND	90	90	0.0	103	96	7.0
Dibromoethane	ND	92	89	3.3	98	95	3.1
Dibromomethane	ND	89	86	3.4	98	93	5.2
Dichlorodifluoromethane	ND	73	72	1.4	102	90	12.5
Ethylbenzene	ND	99	99	0.0	105	102	2.9
Hexachlorobutadiene	ND	103	95	8.1	93	95	2.1
Isopropylbenzene	ND	101	98	3.0	103	102	1.0
m&p-Xylene	ND	100	98	2.0	105	102	2.9
Methyl ethyl ketone	ND	84	85	1.2	75	75	0.0
Methyl t-butyl ether (MTBE)	ND	78	76	2.6	81	80	1.2
Methylene chloride	ND	78	78	0.0	86	93	7.8
Naphthalene	ND	87	84	3.5	91	94	3.2
n-Butylbenzene	ND	113	106	6.4	107	106	0.9
n-Propylbenzene	ND	106	103	2.9	101	99	2.0
o-Xylene	ND	102	100	2.0	108	104	3.8
p-Isopropyltoluene	ND	111	107	3.7	107	105	1.9

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
sec-Butylbenzene	ND	104	100	3.9	104	99	4.9
Styrene	ND	100	99	1.0	106	102	3.8
tert-Butylbenzene	ND	107	103	3.8	106	103	2.9
Tetrachloroethene	ND	98	95	3.1	103	98	5.0
Tetrahydrofuran (THF)	ND	83	82	1.2	82	87	5.9
Toluene	ND	93	90	3.3	98	93	5.2
trans-1,2-Dichloroethene	ND	88	85	3.5	92	98	6.3
trans-1,3-Dichloropropene	ND	92	88	4.4	94	92	2.2
trans-1,4-dichloro-2-butene	ND	98	91	7.4	81	82	1.2
Trichloroethene	ND	97	96	1.0	102	98	4.0
Trichlorofluoromethane	ND	88	85	3.5	104	92	12.2
Trichlorotrifluoroethane	ND	90	90	0.0	105	98	6.9
Vinyl chloride	ND	89	88	1.1	97	98	1.0
% 1,2-dichlorobenzene-d4	116	100	97	3.0	99	96	3.1
% Bromofluorobenzene	76	92	91	1.1	96	95	1.0
% Dibromofluoromethane	98	93	93	0.0	91	96	5.3
% Toluene-d8	95	97	96	1.0	96	96	0.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Batch 144200, QC Sample No: AS61361 (AS61357, AS61358, AS61359, AS61361, AS61362, AS61363)

Volatiles

1,1,1,2-Tetrachloroethane	ND	93	94	1.1	94	94	0.0	
1,1,1-Trichloroethane	ND	93	84	10.2	86	84	2.4	
1,1,2,2-Tetrachloroethane	ND	83	90	8.1	90	90	0.0	
1,1,2-Trichloroethane	ND	85	90	5.7	92	90	2.2	
1,1-Dichloroethane	ND	92	85	7.9	85	85	0.0	
1,1-Dichloroethene	ND	96	87	9.8	84	87	3.5	
1,1-Dichloropropene	ND	90	94	4.3	92	94	2.2	
1,2,3-Trichlorobenzene	ND	107	115	7.2	107	115	7.2	
1,2,3-Trichloropropane	ND	100	92	8.3	89	92	3.3	
1,2,4-Trichlorobenzene	ND	96	106	9.9	99	106	6.8	
1,2,4-Trimethylbenzene	ND	100	96	4.1	94	96	2.1	
1,2-Dibromo-3-chloropropane	ND	80	89	10.7	88	89	1.1	
1,2-Dichlorobenzene	ND	94	94	0.0	92	94	2.2	
1,2-Dichloroethane	ND	88	89	1.1	91	89	2.2	
1,2-Dichloropropane	ND	89	89	0.0	89	89	0.0	
1,3,5-Trimethylbenzene	ND	100	94	6.2	94	94	0.0	
1,3-Dichlorobenzene	ND	98	97	1.0	94	97	3.1	
1,3-Dichloropropane	ND	90	94	4.3	92	94	2.2	
1,4-Dichlorobenzene	ND	98	97	1.0	97	97	0.0	
2,2-Dichloropropane	ND	77	<70	NC	62	58	6.7	3
2-Chlorotoluene	ND	101	98	3.0	96	98	2.1	
2-Hexanone	ND	78	83	6.2	83	83	0.0	
2-Isopropyltoluene	ND	101	95	6.1	94	95	1.1	
4-Chlorotoluene	ND	103	100	3.0	94	100	6.2	
4-Methyl-2-pentanone	ND	88	94	6.6	92	94	2.2	
Acetone	ND	80	>130	NC	98	*NC	NC	
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC	

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Benzene	ND	74	90	19.5	88	90	2.2
Bromobenzene	ND	98	96	2.1	95	96	1.0
Bromochloromethane	ND	94	92	2.2	94	92	2.2
Bromodichloromethane	ND	88	90	2.2	90	90	0.0
Bromoform	ND	92	98	6.3	100	98	2.0
Bromomethane	ND	94	86	8.9	83	86	3.6
Carbon Disulfide	ND	103	84	20.3	83	84	1.2
Carbon tetrachloride	ND	97	88	9.7	90	88	2.2
Chlorobenzene	ND	97	93	4.2	94	93	1.1
Chloroethane	ND	100	86	15.1	87	86	1.2
Chloroform	ND	88	84	4.7	87	84	3.5
Chloromethane	ND	103	84	20.3	85	84	1.2
cis-1,2-Dichloroethene	ND	93	87	6.7	85	87	2.3
cis-1,3-Dichloropropene	ND	86	87	1.2	86	87	1.2
Dibromochloromethane	ND	92	96	4.3	98	96	2.1
Dibromoethane	ND	90	98	8.5	97	98	1.0
Dibromomethane	ND	89	95	6.5	93	95	2.1
Dichlorodifluoromethane	ND	94	81	14.9	80	81	1.2
Ethylbenzene	ND	102	96	6.1	96	96	0.0
Hexachlorobutadiene	ND	95	88	7.7	84	88	4.7
Isopropylbenzene	ND	100	97	3.0	94	97	3.1
m&p-Xylene	ND	102	96	6.1	96	96	0.0
Methyl ethyl ketone	ND	74	92	21.7	89	92	3.3
Methyl t-butyl ether (MTBE)	ND	77	82	6.3	80	82	2.5
Methylene chloride	ND	85	82	3.6	83	82	1.2
Naphthalene	ND	84	98	15.4	88	98	10.8
n-Butylbenzene	ND	101	99	2.0	98	99	1.0
n-Propylbenzene	ND	102	94	8.2	92	94	2.2
o-Xylene	ND	104	99	4.9	100	99	1.0
p-Isopropyltoluene	ND	106	98	7.8	98	98	0.0
sec-Butylbenzene	ND	100	94	6.2	92	94	2.2
Styrene	ND	100	100	0.0	100	100	0.0
tert-Butylbenzene	ND	107	97	9.8	96	97	1.0
Tetrachloroethene	ND	100	92	8.3	90	92	2.2
Tetrahydrofuran (THF)	ND	83	83	0.0	79	83	4.9
Toluene	ND	93	91	2.2	91	91	0.0
trans-1,2-Dichloroethene	ND	95	85	11.1	86	85	1.2
trans-1,3-Dichloropropene	ND	86	89	3.4	93	89	4.4
trans-1,4-dichloro-2-butene	ND	77	79	2.6	81	79	2.5
Trichloroethene	ND	98	94	4.2	93	94	1.1
Trichlorofluoromethane	ND	105	81	25.8	84	81	3.6
Trichlorotrifluoroethane	ND	102	85	18.2	84	85	1.2
Vinyl chloride	ND	102	84	19.4	81	84	3.6
% 1,2-dichlorobenzene-d4	113	98	100	2.0	98	100	2.0
% Bromofluorobenzene	79	94	96	2.1	96	96	0.0
% Dibromofluoromethane	85	87	88	1.1	91	88	3.4
% Toluene-d8	94	96	96	0.0	97	96	1.0

Comment:

A blank MS/MSD was analyzed with this batch.

QA/QC Data

SDG I.D.: GAS61346

QA/QC Batch 144426, QC Sample No: AS62052 (AS61347)

Volatiles

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1,1,2-Tetrachloroethane	ND	102	95	7.1	98	93	5.2
1,1,1-Trichloroethane	ND	101	90	11.5	101	89	12.6
1,1,2,2-Tetrachloroethane	ND	89	85	4.6	99	97	2.0
1,1,2-Trichloroethane	ND	93	88	5.5	99	94	5.2
1,1-Dichloroethane	ND	100	93	7.3	94	86	8.9
1,1-Dichloroethene	ND	103	92	11.3	101	91	10.4
1,1-Dichloropropene	ND	111	83	28.9	104	92	12.2
1,2,3-Trichlorobenzene	ND	120	115	4.3	128	136	6.1
1,2,3-Trichloropropane	ND	110	100	9.5	99	104	4.9
1,2,4-Trichlorobenzene	ND	111	103	7.5	126	131	3.9
1,2,4-Trimethylbenzene	ND	117	108	8.0	108	101	6.7
1,2-Dibromo-3-chloropropane	ND	87	83	4.7	103	109	5.7
1,2-Dichlorobenzene	ND	103	98	5.0	100	95	5.1
1,2-Dichloroethane	ND	96	91	5.3	99	95	4.1
1,2-Dichloropropane	ND	99	92	7.3	94	90	4.3
1,3,5-Trimethylbenzene	ND	119	109	8.8	109	101	7.6
1,3-Dichlorobenzene	ND	109	99	9.6	103	99	4.0
1,3-Dichloropropane	ND	100	94	6.2	97	98	1.0
1,4-Dichlorobenzene	ND	105	97	7.9	100	96	4.1
2,2-Dichloropropane	ND	91	81	11.6	104	91	13.3
2-Chlorotoluene	ND	117	108	8.0	107	99	7.8
2-Hexanone	ND	81	72	11.8	85	90	5.7
2-Isopropyltoluene	ND	121	110	9.5	109	101	7.6
4-Chlorotoluene	ND	115	105	9.1	105	98	6.9
4-Methyl-2-pentanone	ND	87	82	5.9	95	104	9.0
Acetone	ND	87	90	3.4	112	98	13.3
Acrylonitrile	ND	<70	<70	NC	<30	<30	NC
Benzene	ND	102	96	6.1	96	89	7.6
Bromobenzene	ND	105	99	5.9	98	94	4.2
Bromochloromethane	ND	93	89	4.4	98	94	4.2
Bromodichloromethane	ND	98	92	6.3	95	93	2.1
Bromoform	ND	95	86	9.9	97	94	3.1
Bromomethane	ND	104	95	9.0	88	86	2.3
Carbon Disulfide	ND	110	101	8.5	98	91	7.4
Carbon tetrachloride	ND	103	95	8.1	103	89	14.6
Chlorobenzene	ND	103	94	9.1	96	89	7.6
Chloroethane	ND	106	98	7.8	93	85	9.0
Chloroform	ND	94	89	5.5	98	89	9.6
Chloromethane	ND	114	108	5.4	91	84	8.0
cis-1,2-Dichloroethene	ND	101	94	7.2	95	88	7.7
cis-1,3-Dichloropropene	ND	94	89	5.5	93	92	1.1
Dibromochloromethane	ND	95	90	5.4	100	95	5.1
Dibromoethane	ND	91	88	3.4	99	97	2.0
Dibromomethane	ND	90	86	4.5	98	93	5.2
Dichlorodifluoromethane	ND	100	92	8.3	91	80	12.9
Ethylbenzene	ND	112	103	8.4	104	94	10.1

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Hexachlorobutadiene	ND	102	97	5.0	111	112	0.9	
Isopropylbenzene	ND	116	107	8.1	109	103	5.7	
m&p-Xylene	ND	113	104	8.3	104	96	8.0	
Methyl ethyl ketone	ND	78	>130	NC	84	86	2.4	
Methyl t-butyl ether (MTBE)	ND	91	85	6.8	92	94	2.2	
Methylene chloride	ND	92	88	4.4	87	85	2.3	
Naphthalene	ND	86	87	1.2	117	130	10.5	
n-Butylbenzene	ND	120	110	8.7	117	110	6.2	
n-Propylbenzene	ND	119	109	8.8	107	100	6.8	
o-Xylene	ND	116	108	7.1	108	100	7.7	
p-Isopropyltoluene	ND	125	115	8.3	115	108	6.3	
sec-Butylbenzene	ND	115	106	8.1	112	105	6.5	
Styrene	ND	112	104	7.4	106	100	5.8	
tert-Butylbenzene	ND	120	111	7.8	112	104	7.4	
Tetrachloroethene	ND	107	99	7.8	100	90	10.5	
Tetrahydrofuran (THF)	ND	89	80	10.7	102	118	14.5	
Toluene	ND	102	96	6.1	97	90	7.5	
trans-1,2-Dichloroethene	ND	106	99	6.8	98	90	8.5	
trans-1,3-Dichloropropene	ND	96	90	6.5	102	100	2.0	
trans-1,4-dichloro-2-butene	ND	90	87	3.4	95	99	4.1	
Trichloroethene	ND	104	97	7.0	99	90	9.5	
Trichlorofluoromethane	ND	112	103	8.4	103	85	19.1	
Trichlorotrifluoroethane	ND	107	100	6.8	97	86	12.0	
Vinyl chloride	ND	114	103	10.1	96	89	7.6	
% 1,2-dichlorobenzene-d4	116	98	97	1.0	99	98	1.0	
% Bromofluorobenzene	79	98	97	1.0	99	100	1.0	
% Dibromofluoromethane	108	93	89	4.4	101	109	7.6	
% Toluene-d8	98	98	99	1.0	100	100	0.0	

QA/QC Batch 144510, QC Sample No: AS62833 (AS61347)

Volatiles

1,1,1,2-Tetrachloroethane	ND	98	101	3.0	99	102	3.0	
1,1,1-Trichloroethane	ND	100	105	4.9	107	109	1.9	
1,1,2,2-Tetrachloroethane	ND	99	100	1.0	98	101	3.0	
1,1,2-Trichloroethane	ND	104	106	1.9	120	123	2.5	
1,1-Dichloroethane	ND	95	99	4.1	75	102	30.5	
1,1-Dichloroethene	ND	93	104	11.2	110	113	2.7	
1,1-Dichloropropene	ND	100	108	7.7	119	126	5.7	
1,2,3-Trichlorobenzene	ND	>130	129	NC	>150	>150	NC	3
1,2,3-Trichloropropane	ND	110	104	5.6	148	>150	NC	3
1,2,4-Trichlorobenzene	ND	116	118	1.7	>150	>150	NC	3
1,2,4-Trimethylbenzene	ND	103	106	2.9	*NC	*NC	NC	
1,2-Dibromo-3-chloropropane	ND	93	94	1.1	122	132	7.9	
1,2-Dichlorobenzene	ND	98	100	2.0	106	110	3.7	
1,2-Dichloroethane	ND	100	101	1.0	98	105	6.9	
1,2-Dichloropropane	ND	100	104	3.9	117	122	4.2	
1,3,5-Trimethylbenzene	ND	103	106	2.9	*NC	*NC	NC	
1,3-Dichlorobenzene	ND	100	100	0.0	112	115	2.6	
1,3-Dichloropropane	ND	104	103	1.0	113	115	1.8	

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
1,4-Dichlorobenzene	ND	100	102	2.0	116	120	3.4	
2,2-Dichloropropane	ND	76	73	4.0	51	55	7.5	3
2-Chlorotoluene	ND	102	108	5.7	117	121	3.4	
2-Hexanone	ND	92	89	3.3	138	139	0.7	
2-Isopropyltoluene	ND	105	105	0.0	130	138	6.0	
4-Chlorotoluene	ND	101	107	5.8	117	122	4.2	
4-Methyl-2-pentanone	ND	101	104	2.9	123	128	4.0	
Acetone	ND	110	114	3.6	*NC	*NC	NC	
Acrylonitrile	ND	<70	<70	NC	>150	>150	NC	
Benzene	ND	99	103	4.0	113	117	3.5	
Bromobenzene	ND	100	102	2.0	108	112	3.6	
Bromochloromethane	ND	96	103	7.0	104	102	1.9	
Bromodichloromethane	ND	101	101	0.0	108	105	2.8	
Bromoform	ND	95	104	9.0	96	97	1.0	
Bromomethane	ND	94	100	6.2	87	99	12.9	
Carbon Disulfide	ND	99	98	1.0	101	107	5.8	
Carbon tetrachloride	ND	95	99	4.1	105	108	2.8	
Chlorobenzene	ND	94	99	5.2	103	106	2.9	
Chloroethane	ND	99	99	0.0	98	104	5.9	
Chloroform	ND	97	105	7.9	105	97	7.9	
Chloromethane	ND	112	103	8.4	118	116	1.7	
cis-1,2-Dichloroethene	ND	98	103	5.0	108	111	2.7	
cis-1,3-Dichloropropene	ND	95	98	3.1	114	121	6.0	
Dibromochloromethane	ND	97	104	7.0	102	105	2.9	
Dibromoethane	ND	105	109	3.7	116	120	3.4	
Dibromomethane	ND	99	103	4.0	117	116	0.9	
Dichlorodifluoromethane	ND	95	93	2.1	78	79	1.3	
Ethylbenzene	ND	98	106	7.8	*NC	*NC	NC	
Hexachlorobutadiene	ND	90	95	5.4	123	125	1.6	
Isopropylbenzene	ND	98	111	12.4	119	122	2.5	
m&p-Xylene	ND	100	106	5.8	*NC	*NC	NC	
Methyl ethyl ketone	ND	101	97	4.0	*NC	*NC	NC	
Methyl t-butyl ether (MTBE)	ND	102	99	3.0	112	118	5.2	
Methylene chloride	0.22 JS	94	97	3.1	92	91	1.1	
Naphthalene	ND	116	116	0.0	*NC	*NC	NC	
n-Butylbenzene	ND	102	104	1.9	>150	>150	NC	3
n-Propylbenzene	ND	102	105	2.9	*NC	*NC	NC	
o-Xylene	ND	106	112	5.5	*NC	*NC	NC	
p-Isopropyltoluene	ND	107	109	1.9	107	118	9.8	
sec-Butylbenzene	ND	98	102	4.0	115	120	4.3	
Styrene	ND	106	112	5.5	120	122	1.7	
tert-Butylbenzene	ND	102	109	6.6	131	133	1.5	3
Tetrachloroethene	ND	98	102	4.0	113	118	4.3	
Tetrahydrofuran (THF)	ND	>130	>130	NC	134	137	2.2	
Toluene	ND	97	102	5.0	106	112	5.5	
trans-1,2-Dichloroethene	ND	98	100	2.0	107	109	1.9	
trans-1,3-Dichloropropene	ND	102	104	1.9	108	113	4.5	
trans-1,4-dichloro-2-butene	ND	95	93	2.1	98	100	2.0	
Trichloroethene	ND	98	104	5.9	118	125	5.8	

QA/QC Data

SDG I.D.: GAS61346

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Trichlorofluoromethane	ND	105	98	6.9	89	93	4.4
Trichlorotrifluoroethane	ND	100	96	4.1	64	68	6.1
Vinyl chloride	ND	104	103	1.0	115	119	3.4
% 1,2-dichlorobenzene-d4	112	101	99	2.0	98	99	1.0
% Bromofluorobenzene	85	101	103	2.0	101	101	0.0
% Dibromofluoromethane	122	117	115	1.7	108	97	10.7
% Toluene-d8	100	101	101	0.0	102	102	0.0

3 = This parameter is outside laboratory ms/msd specified limits.

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

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 30, 2009

Sample Criteria Exceedences Report

Requested Criteria: GWP, SWP

GAS61346

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS61346	VHB	$8260GWR	Vinyl chloride	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	16	1.0	2	2	ug/L
AS61346	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61346	VHB	$8260GWR	cis-1,2-Dichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	170	10	70	70	ug/L
AS61346	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	66	10	5	5	ug/L
AS61346	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61346	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	40	10	5	5	ug/L
AS61347	VHB	$8260GWR	Chloromethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	2.7	2.7	ug/L
AS61347	VHB	$8260GWR	Vinyl chloride	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	760	200	2	2	ug/L
AS61347	VHB	$8260GWR	Bromomethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	9.8	9.8	ug/L
AS61347	VHB	$8260GWR	1,1-Dichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	7	7	ug/L
AS61347	VHB	$8260GWR	Methylene chloride	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	100	0.5	0.5	ug/L
AS61347	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	SWPC (µg/L)	ND	100	20	20	ug/L
AS61347	VHB	$8260GWR	cis-1,2-Dichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	2600	200	70	70	ug/L
AS61347	VHB	$8260GWR	Tetrahydrofuran (THF)	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	580	100	5	5	ug/L
AS61347	VHB	$8260GWR	Methyl ethyl ketone	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	5100	1000	400	400	ug/L
AS61347	VHB	$8260GWR	Chloroform	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	6	6	ug/L
AS61347	VHB	$8260GWR	Carbon tetrachloride	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	Benzene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	140	20	1	1	ug/L
AS61347	VHB	$8260GWR	1,2-Dichloroethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	1	1	ug/L
AS61347	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	1,2-Dichloropropane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	Bromodichloromethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.56	0.56	ug/L
AS61347	VHB	$8260GWR	4-Methyl-2-pentanone	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	47000	10000	350	350	ug/L
AS61347	VHB	$8260GWR	Toluene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	14000	2000	1000	1000	ug/L
AS61347	VHB	$8260GWR	1,1,2-Trichloroethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	0.05	0.05	ug/L
AS61347	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	5	5	ug/L
AS61347	VHB	$8260GWR	Dibromochloromethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.5	0.5	ug/L
AS61347	VHB	$8260GWR	1,1,1,2-Tetrachloroethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	1	1	ug/L
AS61347	VHB	$8260GWR	Ethylbenzene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	3300	200	700	700	ug/L
AS61347	VHB	$8260GWR	Bromoform	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	20	4	4	ug/L
AS61347	VHB	$8260GWR	Isopropylbenzene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	67	20	30	30	ug/L
AS61347	VHB	$8260GWR	1,1,2,2-Tetrachloroethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	10	0.5	0.5	ug/L
AS61347	VHB	$8260GWR	Hexachlorobutadiene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	8.0	0.45	0.45	ug/L
AS61347	VHB	$8260GWR	Total Xylenes	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	9200	200	530	530	ug/L
AS61347	VHB	D-NI	Nickel (Dissolved)	µg/L	CT	Inorganic Substances	GWPC (µg/L)	0.147	0.001	0.1	0.1	mg/L
AS61347	VHB	D-ZN	Zinc (Dissolved)	µg/L	CT	Inorganic Substances	SWPC (µg/L)	1.32	0.002	0.123	0.123	mg/L

Sample Criteria Exceedences Report

GAS61346

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS61348	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61348	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61349	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61349	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61350	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61350	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	6.1	1.0	5	5	ug/L
AS61350	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61351	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61351	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	16	1.0	5	5	ug/L
AS61351	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61351	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	9.7	1.0	5	5	ug/L
AS61352	VHB	$8260GWR	Vinyl chloride	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	2.7	1.0	2	2	ug/L
AS61352	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61352	VHB	$8260GWR	cis-1,2-Dichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	96	5.0	70	70	ug/L
AS61352	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	26	1.0	5	5	ug/L
AS61352	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61352	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	8.6	1.0	5	5	ug/L
AS61353	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61353	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61354	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61354	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61355	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61355	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	7.5	1.0	5	5	ug/L
AS61355	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61355	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	10	1.0	5	5	ug/L
AS61356	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61356	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	17	1.0	5	5	ug/L
AS61356	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61356	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	16	1.0	5	5	ug/L
AS61356	VHB	D-CU	Copper (Dissolved)	µg/L	CT	Inorganic Substances	SWPC (µg/L)	0.201	0.001	0.048	0.048	mg/L
AS61356	VHB	D-ZN	Zinc (Dissolved)	µg/L	CT	Inorganic Substances	SWPC (µg/L)	0.171	0.002	0.123	0.123	mg/L
AS61357	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61357	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	11	1.0	5	5	ug/L

Sample Criteria Exceedences Report

Requested Criteria: GWP, SWP

GAS61346

SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	Factored RL Criteria	Analysis Units
AS61357	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61357	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	9.3	1.0	5	5	ug/L
AS61358	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61358	VHB	$8260GWR	Trichloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	21	1.0	5	5	ug/L
AS61358	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61358	VHB	$8260GWR	Tetrachloroethene	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	8.7	1.0	5	5	ug/L
AS61359	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61359	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61360	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61360	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61361	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61361	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61362	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61362	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L
AS61363	VHB	$8260GWR	Acrylonitrile	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	5.0	0.5	0.5	ug/L
AS61363	VHB	$8260GWR	Dibromoethane	µg/L	CT	Volatile Organic Compound	GWPC (µg/L)	ND	1.0	0.05	0.05	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** VHB

Project Location: ENVIRITE LF/THOMASTON **Project Number:**

Laboratory Sample ID(s): AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61361, AS61362, AS61363

Sampling Date(s): 12/17/2009

RCP Methods Used:

☐ 1311/1312	☑ 6010	☐ 7000	☐ 7196	☐ 7470/7471	☐ 8081	☐ EPH
☐ 8082	☐ 8151	☑ 8260	☐ 8270	☐ ETPH	☑ 9010/9012	☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	☑ Yes ☐ No
1a.	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐ Yes ☐ No ☑ NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	☑ Yes ☐ No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	☑ Yes ☐ No ☐ NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents acheived?	☑ Yes ☐ No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5b.	Were these reporting limits met?	☐ Yes ☑ No ☐ NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No ☐ NA
7.	Are project-specific QC samples included in the data set?	☐ Yes ☐ No ☑ NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____

Date: Thursday, December 31, 2009

Printed Name: Greg Lawrence

Position: Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 31, 2009

SDG I.D.: GAS61346

Volatile 8260 analysis:
The reporting level for Acrylonitrile is above the GWP criteria.
Dibromoethane doesn't meet GWP criteria, this compound is analyzed by GC/FID method 504 or 8011 when this criteria needs to be met.

For sample ID AS61346, AS61347 and AS61352 several of the volatile organic constituents did not meet the requested criteria due to the concentration of other target compounds.

Cyanide Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Lachat 12/21/09-1 (AS61346, AS61347, AS61348, AS61349)

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

Printed Name Greg Danielewski
Position: Chemist
Date: 12/21/2009

Instrument: Lachat 12/29/09-1 (AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)

The samples were distilled in accordance with the method.
The initial calibration met criteria.

The calibration check standards (ICV,CCV) were within 15% of true value and were analyzed at a frequencey of one per ten samples.
The continuing calibration blanks (ICB,CCB) had concentrations less than the reporting level.

The method blank, laboratory control sample (LCS), and matrix spike were distilled with the samples.

Printed Name Greg Danielewski
Position: Chemist
Date: 12/29/2009

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RCP Certification Report

December 31, 2009

SDG I.D.: GAS61346

QC (Site Specific)

All LCS recoveries were within 85 - 115 with the following exceptions: None.

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 85 - 115 with the following exceptions: None.

ICP Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Icp9 12/21/09-1 (AS61346, AS61347, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356, AS61357, AS61358, AS61359, AS61360, AS61362, AS61363)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 12/21/2009

Instrument: Icp9 12/23/09-1 (AS61346, AS61347, AS61355, AS61356, AS61357, AS61358, AS61363)

The initial calibration met criteria.
The continuing calibration standards met criteria for all the elements reported. The linear range is defined daily by the calibration range.
The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Emily Kolominskaya
Position: Chemist
Date: 12/23/2009

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: None.

All LCSD recoveries were within 75 - 125 with the following exceptions: None.

VOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem02 12/19/09-1 (AS61346, AS61348, AS61349, AS61350, AS61351, AS61352, AS61353, AS61354, AS61355, AS61356)

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 31, 2009

SDG I.D.: GAS61346

Q-Side
Initial Calibration (1211Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrylonitrile

Printed Name Johanna Harrington
Position: Chemist
Date: 12/19/2009

Instrument: Chem02 12/19/09-2 (AS61357, AS61358, AS61359, AS61361, AS61362, AS61363)

Q-Side
Initial Calibration (1211Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein, Acrylonitrile

Printed Name Johanna Harrington
Position: Chemist
Date: 12/19/2009

Instrument: Chem02 12/21/09-1 (AS61346, AS61351, AS61352, AS61360)

Q-Side
Initial Calibration (1211Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein, Acrylonitrile

Printed Name Johanna Harrington
Position: Chemist
Date: 12/21/2009

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 31, 2009

SDG I.D.: GAS61346

Instrument: Chem02 12/22/09-2 (AS61347)

This instrument is set up with a dual auto sampler (labeled P and Q)

P-Side
Initial Calibration (1211P09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%:

Q-Side
Initial Calibration (1211Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%:

Printed Name Johanna Harrington
Position: Chemist
Date: 12/22/2009

Instrument: Chem02 12/27/09-2 (AS61347)

Q-Side
Initial Calibration (1211Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrylonitrile, Tetrahydrofuran (THF)

Printed Name Johanna Harrington
Position: Chemist
Date: 12/27/2009

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

December 31, 2009

SDG I.D.: GAS61346

QC (Site Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: Acrylonitrile

All LCSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acetone, Acrylonitrile

All MS recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acrylonitrile

All MSD recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acrylonitrile
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,2,3-Trichlorobenzene, Acrylonitrile, Tetrahydrofuran (THF)

All LCSD recoveries were within 70 - 130 with the following exceptions: Acrylonitrile, Dichlorodifluoromethane, Methyl ethyl ketone, Tetrahydrofuran (THF)

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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 1 of 2

Data Delivery (check one):
☐ Fax #:
☒ Email: PRYDEL@VHB.com
Format: ☒ Excel ☒ Pdf ☐ Gis Key

Customer: VHB, Inc.
Address: 54 Tutle Place
Middletown, CT

VHB-ENV

Project: Envirite Landfill - Thomaston CT
Report to: Mr. Phil Rydel
Invoice to: Envirite 490 Norristown Rd, Suite 252, Blue Bell PA

Project P.O:
Phone #: 860 632-1500
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/17/09

Analysis Request

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Dissolved Ba, Cd, Cr, Cu, Fe, Mn, Na	Dissolved Ni, Zn	Total Cyanide	Chloride, NO2, NO3, pH, SO4	Conductivity, TDS, TSS	VOC by 8260	NH3, TOX, Phenols, TOC								Soil VOA Vials [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [X] 250ml [ ] 500ml [X] 1000ml	GL H2SO4 [X] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
601346	MW-30	GW	12/17/09	1:24	X	X	X	X	X	X	X										2	1	1/1	1		1		
601347	MW-31S	GW		1:45	X	X	X	X	X	X	X										2	1	1/1	1		1		
601348	MW-33	GW		12:30	X	X	X	X	X	X	X										2	1	1/1	1		1		
601349	MW-36	GW		2:00	X	X	X	X	X	X	X										2	1	1/1	1		1		
601350	MW-41S	GW		10:15	X	X	X	X	X	X	X										2	1	1/1	1		1		
601351	MW-41D	GW		10:[illegible]	X	X	X	X	X	X	X										2	1	1/1	1		1		
601352	MW-41B	GW		9:[illegible]	X	X	X	X	X	X	X										2	1	1/1	1		1		
601353	MW-42S	GW		10:30	X	X	X	X	X	X	X										2	1	1/1	1		1		
601354	MW-42S DUP	GW		10:40	X	X	X	X	X	X	X										2	1	1/1	1		1		
601355	MW-43S	GW		11:15	X	X	X	X	X	X	X										2	1	1/1	1		1		
601356	MW-43D	GW		11:00	X	X	X	X	X	X	X										2	1	1/1	1		1		
601357	MW-44D	GW		11:45	X	X	X	X	X	X	X										2	1	1/1	1		1		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/18/09	10:25
[signature]	[signature]	12/18	11:11

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

* Surcharge Applies

Requirements for CT
☐ 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 2 of 2

Data Delivery (check one):
- [ ] Fax #:
- [x] Email:

Format: [ ] Excel [ ] Pdf [ ] Gis Key

Customer: VHB, Inc.
Address: 54 Tutle Place
Middletown, CT

VHB-ENV

Project: Envirite Landfill - Thomaston CT
Report to: Mr. Phil Rydal
Invoice to: Envirite 490 Norristown Rd, Suite 252, Blue Bell PA

Project P.O:
Phone #: 860 632 1500
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/17/09

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Dissolved Ba, Cd, Cr, Cu, Fe, Mn, Na	Dissolved Ni, Zn	Total Cyanide	Chloride, NO2, NO3, pH, SO4	Conductivity, TDS, TSS	VOC by 8260	NH3, TOX, Phenols, TOC									Soil VOA Vials [ ] methanol [ ] Sod Bisulfate	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [x] HCl	GL Amber 1000ml [ ] As is [X] H2SO4	PL As is [X] 250ml [ ] 500ml [X] 1000ml	GL H2SO4 [X] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
61358	MW-44-B	GW	12/17/09	12:00	X	X	X	X	X	X	X											2	1	1/1	1		1			
61359	Field Blank	GW		—	X	X	X	X	X	X	X											2	1	1/1	1		1			
61360	Equipment Blank	GW		—	X	X	X	X	X	X	X											2	[illegible]	[illegible]	[illegible]		1			
61361	Trip Blank	GW		—						X												2								
61362	SW Up Stream	SW		2:30	X	X	X	X	X	X	X											2	1	1/1	1		1			
61363	SW Down Stream	SW		2:15	X	X	X	X	X	X	X											2	1	1/1	1		1			

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/18/09	11:25
[signature]	[signature]	12/18	16:11

Comments, Special Requirements or Regulations:

Turnaround:
- 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] Standard
- [ ] Other
- [x]
- [ ]

* Surcharge Applies

Requirements for CT
- [ ] Res. Criteria
- [x] GW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [x] SW Protection
- Res. Vol.
- [ ] Ind. Vol.

Requirements for MA
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MCP Certification
- [ ] Other