ENVIRONMENTAL SERVICES REPORT
PROPOSED CORRECTIVE ACTION AND REMEDIAL INVESTIGATION WORK PLAN

COPY

Subject Property:
FORMER WATERMARK DESIGNS LTD. FACILITY
491 WORTMAN AVENUE
BROOKLYN, NY 11208

Prepared For:
WATERMARK DESIGNS LTD.
350 DEWITT AVENUE
BROOKLYN, NY 11207

Submitted To:
HASAN AHMED, ENVIRONMENTAL ENGINEER/CASE MANAGER
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION, REGION 2
SPILL PREVENTION AND RESPONSE PROGRAMS
47-40 21ST STREET
LONG ISLAND CITY, NY 11101

Prepared By:
IMPACT ENVIRONMENTAL REMEDIATION, INC.
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FLEMINGTON, NJ 08822

Date:
10 JULY 2009

NYSDEC Spill Case No.:
0809879

IER Project No.:
IMR-09-011

IER
IMPACT ENVIRONMENTAL REMEDIATION

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1.0 SCOPE OF WORK

Impact Environmental Remediation, Inc. ("IER") as been retained by Watermark Designs Ltd. to perform corrective action and remedial subsurface investigation for contaminated soil and groundwater previous identified at the former Watermark Designs Ltd. facility located at 491 Wortman Avenue, Brooklyn, NY 11208.

The report refers to the former Watermark Designs Ltd. facility located at 491 Wortman Avenue, Brooklyn, NY 11208 as the "subject property". The designated work areas are located in the former production area in Building No. 1 of the subject property. Refer to Figure 1 for a general site map of the subject property.

Watermark Designs Ltd. is the owner/operator of the subject property.

The proposed corrective action and remedial subsurface investigation for the project at the subject property are based upon the following:

- New York State Department of Environmental Conservation ("NYSDEC") Technical Guidance for Site Investigation and Remediation.
- NYSDEC Technical and Administrative Guidance Memorandum ("TAGM") No. 4046 Determination of Soil Cleanup Objectives.
- NYSDEC Technical and Operational Guidance Series ("TOGS") 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- PW Grosser Consulting Phase II ESA – 491 Wortman Avenue, Brooklyn, NY, NYSDEC Spill # 08-09879 dated 13 January 2009.
- EnviroTrac Environmental Services NYSEC Spill # 08-09879, 491 Wortman Avenue, Brooklyn, NY dated 01 February 2009.

2.0 BASIC SITE DESCRIPTION

The subject property is a typical commercial and industrial warehouse building located in a commercial and industrial zoned area in the New Lots neighborhood in Brooklyn, NY. The subject property is fronted to the south along Wortman Avenue. The subject property is bordered to the east by Essex Street, to the west by Lindwood Street, and to the north by several commercial and industrial type properties.

The subject property is approximately 0.45 acres in total area. The subject property is improved with one (1) building that occupies the entire area of the subject property. The building has an area of approximately 19,000 square feet ("sq.ft.).

The building on the subject property is a one (1)-story warehouse structure that is generally constructed of steel, concrete, and concrete blocks. The building has three (3) warehouse sections referred to as Building 1, Building 2, and Building 3. Office areas are located in the front sections of Building 1 and Building 2.

The subject property is currently vacant and unoccupied. The subject property is currently for sale by the owner/operator.

2.1 GENERAL ENVIRONMENTAL BACKGROUND INFORMATION

For the past 25 years the subject property was owned and operated by Watermark Designs Ltd. Watermark Designs Ltd. used the subject property to manufacture, store, package, and ship decorative fixtures, bathroom accessories, and elegant hardware. The manufacturing processes at the subject property involved cleaning, painting, plating, etching, polishing, and specific machining of metals and metal products to create fixtures, accessories, and hardware. Cleaning agents, such as trichloroethylene ("TCE") and tetrachloroethylene ("PCE" or "Perc"), were routinely used by Watermark Designs Ltd. at the subject property to fine clean and polish metals and metal products.

Approximately two (2) year ago Watermark Designs Ltd. purchased a newer manufacturing facility and office space at 350 Dewitt Avenue, Brooklyn, NY. The entire Watermark Designs Ltd. operations and office was moved from the subject property to the 350 Dewitt Avenue site. In 2008 the subject property was put on the open market for sale by Watermark Designs Ltd.

In November 2008, PW Grosser Consulting, Inc. ("PW Grosser") performed an initial Phase II Environmental Site Assessment ("ESA") at the subject property. Refer to Appendix 1 for a copy of the PW Grosser Phase II ESA Report dated 13 January 2009. The following is a general summary of the findings and laboratory results of the PW Grosser Phase II ESA Report:

- A total of nine (9) borings were advanced through the subsurface soil profile to the first groundwater level below ground surface. The soil beneath the subject property was generally characterized as urban fill and poorly graded sand and silt. The first groundwater level below ground surface beneath the subject property was generally identified at approximately 10 feet ("ft.") below ground surface.
- Soil and groundwater samples were collected from the subsurface soil borings. The soil and groundwater samples were analyzed by an independent laboratory for target volatile organic compounds ("VOCs") and semi-volatile organic compounds ("SVOCs").
- Laboratory results reports confirmed and identified elevated levels of TCE and PCE in the soil and groundwater samples collected from soil borings installed in Building 1 of the subject property. The elevated levels of TCE and PCE in the soil and groundwater samples exceeded the action limits for TCE and PCE established by the NYSDEC TAGM Recommended Soil Cleanup Objectives and NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- Based on the gradient levels of the TCE concentrations in the soil and groundwater, PW Grosser theorized that the subsurface contamination was a result of the usage of TCE in and around former work stations in Building 1 of the subject property.
- PW Grosser reported a spill or discharge of chlorinated VOCs to the subsurface soil and groundwater based on field observations and the confirmation laboratory results reports. The NYSDEC assigned NYSDEC Spill Case No. 08-09879 to the recognized environmental condition at the subject property.
- PW Grosser recommended further subsurface investigation and indoor air quality survey.

In January 2008, EnviroTrac Environmental Services ("EnviroTrac") performed a limited subsurface investigation in Building 1 of the subject property to further delineate chlorinated VOC contamination previously identified by PW Grosser. Refer to Appendix 2 for a copy of the EnviroTrac Limited Subsurface Investigation Report dated 01 February 2009. The following is a general summary of the findings and laboratory results of the EnviroTrac Limited Subsurface Investigation Report:

- A total of nine (9) borings were advanced through the subsurface soil profile to the first groundwater level below ground surface. Urban fill consisting of sand mixed with ash and demolition debris was identified between the soil surface and six (6) and eight (8) ft. below ground surface beneath the subject property. Brown medium fine grained sand was observed between six (6) and eight (8) ft. to 12 and 15 ft. below ground surface beneath the subject property. The first groundwater level below ground surface beneath the subject property was generally identified at approximately 12 feet ("ft.") below ground surface.

- Soil and groundwater samples were collected from the subsurface soil borings. The soil and groundwater samples were analyzed by an independent laboratory for target VOCs.
- Laboratory results reports identified elevated levels of TCE and PCE in the soil and groundwater samples collected from soil borings installed in Building 1 of the subject property. The elevated levels of TCE and PCE in the soil and groundwater samples exceeded the action limits for TCE and PCE established by the NYSDEC TAGM Recommended Soil Cleanup Objectives and NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.
- Based on the sample location elevations and gradient levels of the TCE concentrations in the soil, EniroTrac theorized that the subsurface soil contamination was a result of a nearby source area of TCE.
- Based on the identification of PCE concentrations in the soil, EnviroTrac theorized that a possible PCE source associated with the prior usage of the building could be responsible for the contaminated soil in the former work area at the subject property.
- EnviroTrac recommended the preparation and submission of a Remedial Investigation Work Plan to the NYSDEC.

3.0 PROPOSED CORRECTIVE ACTION

Based upon the available reports and basic information for the subsurface chlorinated VOC at the subject property, IER proposed the following corrective action:

- Preparation and submission of a Corrective Action and Remedial Investigation Work Plan.
- Collection, analysis, and evaluation of a representative waste classification sample from the previously identified subsurface chlorinated VOC contamination. The sample will be analyzed for applicable waste classification parameters by a laboratory licensed with the New York State Department of Health ("NYSDOH"). The laboratory results reports will be used as a factor to classify the contaminated soil and groundwater.
- Selection of applicable licensed waste haulers to transport the chlorinated VOC waste to applicable licensed treatment, storage, and disposal facilities ("TSDFs").
- General isolation and preparation of each designated work area in Building 1 of the subject property.
- Continuously collect field observations and field screen subsurface soil and groundwater.
- Excavation, transportation, and disposal of previously identified subsurface chlorinated VOC contaminated soil or source material. In general, the subsurface chlorinated VOC contaminated soil is between surface level and approximately 12 ft. below ground surface or the first saturated zone or groundwater level below ground surface. Work activities will include the excavation of as much subsurface chlorinated VOC contaminated soil as is safe and practical. It is estimated that a total of approximately 400 tons of chlorinated VOC contaminated soil will be excavated from two (2) designated work areas in Building 1 of the subject property. The chlorinated VOC contaminated soil will be loaded into dump trucks and/or trailers and directly transported to a licensed TSDF. A waste manifest will follow each load of chlorinated VOC contaminated soil from the subject property to the TSDF.
- Evacuation, transportation, and disposal of previously identified chlorinated VOC contaminated groundwater or source material. In general, the first saturated zone or groundwater level for each designated work area is located between approximately 10 and 12 ft. below ground surface. Work activities will include the evacuation of as much chlorinated VOC contaminated groundwater as is safe and practical. It is estimated that a total of approximately 18,000 gallons of chlorinated VOC contaminated groundwater will be evacuated from two (2) designated work areas in Building 1 of the subject property. The chlorinated VOC contaminated groundwater will be pumped into vacuum trailers and directly transported to a licensed TSDF. A waste manifest will follow each load of chlorinated VOC contaminated groundwater from the subject property to the TSDF.
- General restoration of the designated work area.

4.0 PROPOSED REMEDIAL INVESTIGATION

Based upon the available reports and basic information for the subsurface chlorinated VOC at the subject property, IER proposed the following remedial investigation in conjunction with the proposed corrective action:

- Collection and analysis of post-excavation or clearance soil samples from the limits of the excavation for the two (2) designated work areas. The soil samples will be collected from the sidewalls and bottom, if possible, of the limits of each excavation and above the first saturated zone or groundwater below ground surface. The soil samples will be analyzed for VOCs by an independent laboratory licensed with the NYSDOH.
- Collection and analysis of one (1) post-evacuation or clearance groundwater samples from the first saturated zone or groundwater below ground surface in each of the two (2) designated work areas. The groundwater samples will be analyzed for VOCs by an independent laboratory licensed with the NYSDOH.

The NYSDEC may require additional and/or further investigation and corrective action based upon the field observations, screening, and laboratory results of the proposed corrective action and remedial investigation detailed in this work plan.

5.0 PROJECT REPORT

Upon completion of the fieldwork phase of the project and receipt of all original project documentation, IER will prepare and submit a project report to the NYSDEC. The project report will include the following:

- General project summary.
- Scope of work.
- Observations and field screening notes.
- Photographs.
- Laboratory results reports.
- Laboratory results summaries.
- Waste manifests.
- Weight tickets or volume receipts.
- Recommendations.

6.0 ANTICIPATED SCHEDULE

IER anticipates the following schedule for the voluntary corrective action and remedial investigation project for the chlorinated VOC contaminated soil and groundwater identified in two (2) designated work areas in Building 1 of the subject property:

Item/Description	*Anticipated Schedule*
Submission of a Proposed Corrective Action and Remedial Investigation Work Plan	July 2009
Collection and Analysis of Waste Classification Samples	July 2009
Corrective Action for Subsurface Chlorinated VOC Contaminated Soil and Groundwater (Source Material)	August 2009
Remedial Investigation from the Limits of the Excavations	August 2009
General Restoration of the Designated Work Area	September 2009
Submission of a Corrective Action and Remedial Investigation Project Report	September 2009

Please be advised that the anticipated schedule presented above is for informational purposes and is subject to change.

The proposed corrective action and remedial investigation for the subsurface chlorinated VOC contaminated soil and groundwater in two (2) designated work areas at the subject property are based on good commercial and customary practices and generally accepted protocols within the environmental industry.

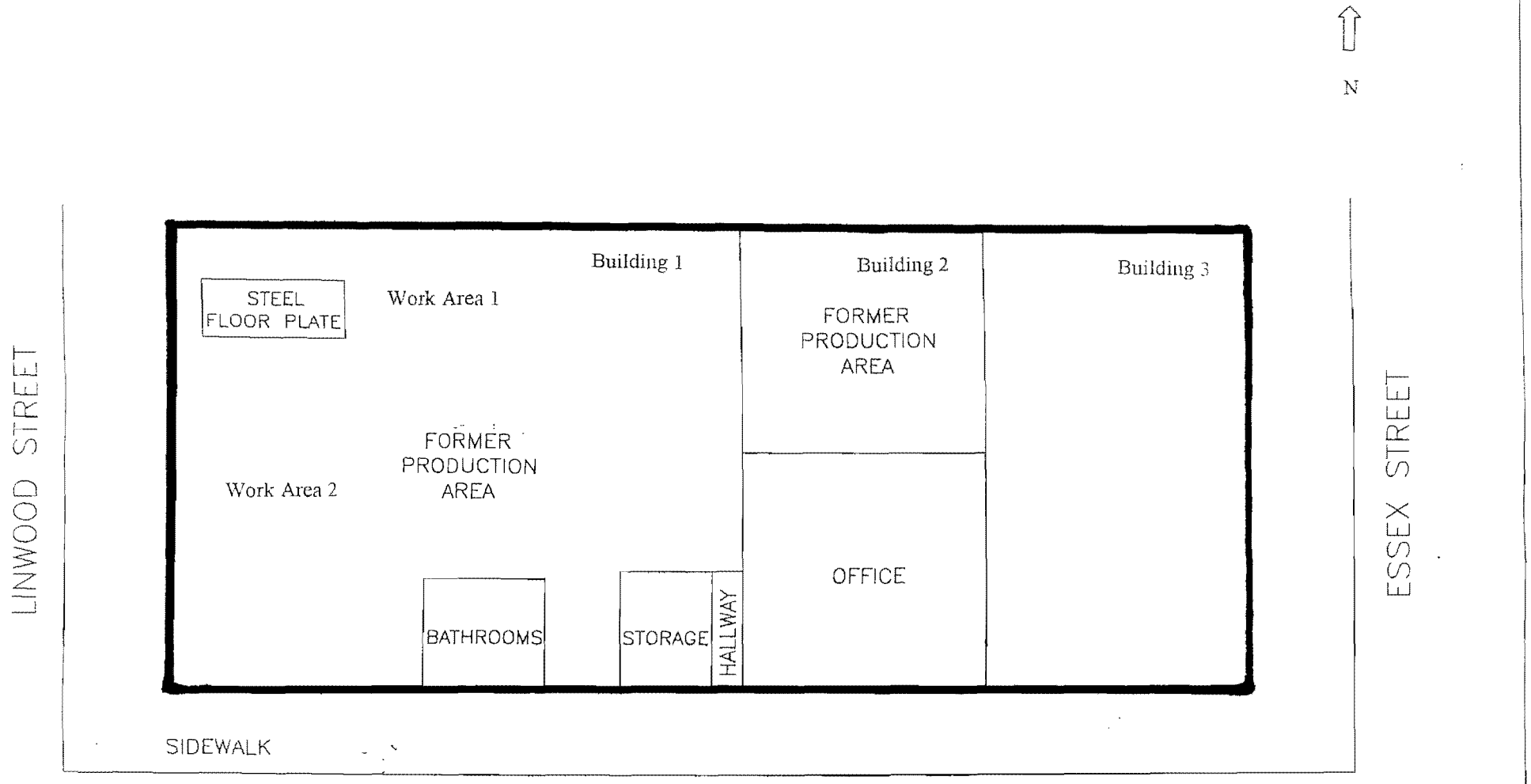
IMPACT ENVIRONMENTAL REMEDIATION, INC.
Signed for IER by;

J. Anthony Kloss, Project Manager

FIGURES

FIGURE 1

General Site Map



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SCALE:
NOT TO SCALE

491 WORTMAN AVENUE
BROOKLYN, NEW YORK

General Site Map

APPENDICES

APPENDIX 1

PW Grosser Consulting Phase II ESA Report

P.W. GROSSER CONSULTING

January 13, 2009

Mr. Samuel B. Freed
Attorney at Law
98-20 Metropolitan Avenue
Forest Hills, NY 11375-6628

RE: Phase II ESA – 491 Wortman Avenue, Brooklyn, New York
NYSDEC Spill # 08-09879

Dear Mr. Freed:

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report to document the results of the Phase II Environmental Site Assessment (ESA) performed at the above-referenced property. The scope of work was based on the recommendations contained in a September 2008 Phase I ESA Report prepared by Middleton Environmental, Inc. (MEI) and included the characterization of soil and groundwater to determine if the site's former operation as a metal etching company, a steel tube manufacturer, or a plumbing faucet/fixture company had impacted the subsurface.

Analytical results of samples collected during the Phase II ESA identified elevated concentrations of volatile organic compounds (VOCs) in soil and groundwater. Based on these elevated concentrations, New York State Department of Environmental Conservation (NYSDEC) Spill #08-09879 was assigned to the site, and further subsurface investigation is recommended.

BACKGROUND

The site is comprised of one (1) industrial building located at 491 Wortman Avenue in Brooklyn, New York. A site vicinity map is included as **Figure 1**. The site is 0.44 acres in area and is improved with one 19,000 square foot building. The building occupies the entire area of the property. The building is currently vacant.

Based on the former usage of the property, MEI recommended that a Phase II ESA be conducted at the site to include a soil boring investigation consisting of the collection of soil and groundwater samples to determine if improper discharge had impacted the site's subsurface.

The Phase I ESA Report indicated the possible presence of a plating pit in the northwest corner of the building. Also, floor drains were observed in the building. MEI recommended that the potential plating pit be accessed and inspected, and that a dye flush test be performed for the pit and the floor drains to determine their discharge points.

The Phase I ESA Report indicated the presence of a fuel oil fill port and vent pipe in front of the building along Wortman Avenue. MEI did not observe a fuel oil tank. However, MEI did not have access to the partial basement, where the tank was believed to exist. MEI recommended that, during the Phase II ESA, the basement be investigated to determine if a fuel oil tank or floor drains are present.

FIELD ACTIVITIES

Subsurface Investigation

On November 17, 2008, PWGC conducted the Phase II ESA which consisted of the completion of seven (7) soil borings at the subject site. Boring locations are illustrated on **Figure 2**. Soils were sampled continuously from grade using a truck-mounted Geoprobe®. The Geoprobe® utilizes direct-push technology to advance sampling equipment into the subsurface and retrieve samples of soil and groundwater from discreet depths. Geoprobe® services were provided by AR Water & Soil Environmental, LLC (AR) of Effort, Pennsylvania.

A PWGC hydrogeologist was on-site to oversee and document the soil boring effort. Soils beneath the site were generally characterized as dry, poorly-graded sand and silt. Groundwater at the site was encountered at approximately 10 feet below ground surface (bgs). Soil boring logs are included as **Appendix A.**

Soil samples were screened in the field for the presence of VOCs using a photo-ionization detector (PID). The PID is a field sensing instrument used to detect the presence of a wide range of VOCs contained in many industrial chemical products. A PID response above background levels was obtained from soil samples collected from each boring location.

Shallow soil samples from boring locations GP-01, GP-02, GP-03, GP-04, and GP-07, and one deep soil sample from GP-02 were submitted to the laboratory based on PID response. Two (2) groundwater samples were also collected at boring locations GP-01 and GP-04. GP-01 and GP-04 represented general down-gradient and up-gradient locations of the property. It is assumed, but not confirmed, that based on regional topography, groundwater direction would be toward the south.

Soil and groundwater samples were contained in pre-cleaned, laboratory-supplied glassware and stored in a cooler with ice for transport to Environmental Testing Laboratories, Inc. (ETL) of Farmingdale, New York, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory. The soil and groundwater samples were analyzed for the following:

- Volatile Organic Compounds by EPA Method 8260, and
- Metals by EPA Method 6010 (unfiltered samples only)

The above suite of analyses was selected for this investigation based on the former usage of the property. It is important to note that the groundwater samples were not filtered which can result in elevated metals concentrations as a result of interference from soil/sediment particles.

Basement Investigation

On November 17, 2008, PWGC accessed the partial basement located in the middle of the southern portion (front) of the building. The fill and vent lines observed along the front (south side) of the building entered a concrete block containment vault in the basement, indicating that a fuel oil aboveground storage tank (AST) was present. The partial basement and the AST are indicated on **Figure 2.**

One boring (HA-1) was performed manually in the partial basement adjacent to the AST vault utilizing a stainless steel hand auger, as the basement was not accessible to the Geoprobe®. One soil sample was collected from the 0 to 2 feet below grade interval. The soil was classified as moist, poorly-

graded, brown sand with silt. A PID response above background levels was recorded, but petroleum staining was not observed. The soil sample collected from HA-1 was analyzed for the following:

- VOCs by EPA Method 8260 (STARS Analyte List), and
- Semi-Volatile Organic Compounds by EPA Method 8270 (STARS Analyte List)

The NYSDEC STARS is a list of compounds commonly associated with petroleum products.

No floor drains were identified in the basement.

Floor Drain Dye Test
A floor drain was identified in the warehouse bathroom in the southern portion of the building. The floor drain location is indicated on **Figure 2**. Upon inspection, it was determined the drain was clogged. A discharge point for the drain could not be determined.

Potential Plating Pit
The potential plating pit could not be accessed during the Phase II ESA. It was later identified by the owner of the property as a loading bay / truck scale which is no longer in use and had been covered over with a large steel plate.

ANALYTICAL RESULTS

Soil and groundwater analytical data are summarized on **Tables 1** through **5**. Laboratory data sheets are included as **Appendix B**.

Soil
Soil analytical results were compared to the Recommended Soil Cleanup Objectives (RSCOs) specified in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046.

As shown on **Table 1**, trichloroethene (TCE) was detected at concentrations above the RSCO in both samples collected from boring GP-02. Boring GP-02 was located in the reported vicinity of a former TCE degreasing tank. Based on this, the degreasing tank appears to be the source of the TCE in the soil. TCE was detected in the other soil samples, but at concentrations within the RSCO. MTBE was also detected at a concentration (201 µg/Kg) slightly exceeding the RSCO (120 µg/Kg) in the deep sample collected from GP-02. Other detected concentrations of VOCs were within RSCOs.

Table 2 indicates concentrations of calcium, copper, mercury, and zinc above RSCOs. However, these concentrations were on the same order of magnitude as the RSCOs, and are inherent in historic fill material, which comprises the shallow subsurface of the site.

AST Soil
As shown on **Table 3**, the VOCs MTBE and toluene were detected at concentrations within RSCOs for the soil sample collected beneath the AST (HA-1). There were no other VOCs detected in soil sample HA-1. Two SVOCs, Benzo(a)pyrene and Dibenzo(a,h)anthracene, were detected at concentrations slightly exceeding RSCOs.

Groundwater
Groundwater analytical results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQS) for Class GA groundwater, as specified in Technical and Operational

Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values on Groundwater Effluent Limitations, June 1998.

As shown on **Table 4**, several VOCs were detected at concentrations above the NYSDEC Standards in the two groundwater samples (GP-01 and GP-04). The detected VOCs are common chlorinated solvents. The highest concentration was that of TCE in sample GP-01 (24,000 µg/L). The VOC concentrations in GP-04 were much lower than those detected in GP-01. Based on the local topography, it appears that groundwater flows toward the south. Based on this, it appears that the elevated TCE concentration at boring location GP-01 is attributable to the operation of the former TCE degreasing tank located to the north.

As shown on **Table 5**, metals were detected in each of the two groundwater samples above NYSDEC Standards. However, the occurrence of these metals is likely the result of suspended sediment in the groundwater samples and not representative of dissolved metals concentrations, which are most likely lower.

CONCLUSIONS AND RECOMMENDATIONS

Elevated concentrations of chlorinated VOCs detected in soil and groundwater samples warrant further investigation at the subject site. Based on these elevated concentrations, New York State Department of Environmental Conservation (NYSDEC) Spill #08-09879 was assigned to the site. As such, site activities regarding contamination at the site are subject to the approval of the NYSDEC. It appears that TCE concentrations in the soil and the groundwater are the result of the usage of the compound in and around a degreasing tank which was reportedly located to the south of the former loading bay / truck scale.

PWGC recommends further investigation of the impacted soils and groundwater at the site. The investigation should consist of additional soil borings to delineate the horizontal and vertical extent of on-site soil and groundwater impact. The former loading bay / truck scale should be accessed to identify floor drains which may have acted as conduits for contaminants. A work plan for such an investigation is detailed in a Supplemental Subsurface Investigation proposal prepared by PWGC in December 2008.

Based on the elevated VOC concentrations, PWGC recommends that indoor air quality be addressed with regard to the potential for vapor intrusion at the site.

Metals concentrations detected in soils above RSCOs are inherent in the historic fill material which comprises the shallow subsurface of the site. Metals concentrations detected in the groundwater above NYSDEC Standards are likely the result of suspended sediment in the groundwater samples and not representative of dissolved metals concentrations, which are most likely lower. PWGC recommends no further investigation regarding metals in both the soils and groundwater.

Analytical results indicate that the fuel oil AST in the basement has not impacted the subsurface. The elevated SVOCs have relatively low clean-up objectives and are compounds that are typically found in historic fill material. These compounds are not likely associated with a specific contaminant source at the site. However, if no longer in use, the AST should be properly closed.

Sincerely Yours,

PWGC
Strategic Environmental Engineering Solutions

P.W. Grosser Consulting

John D. Eichler
Project Manager

Frank P. Castellano
Vice President, COO

Cc: Hasan Ahmed, NYSDEC

Figures

VICINITY MAP

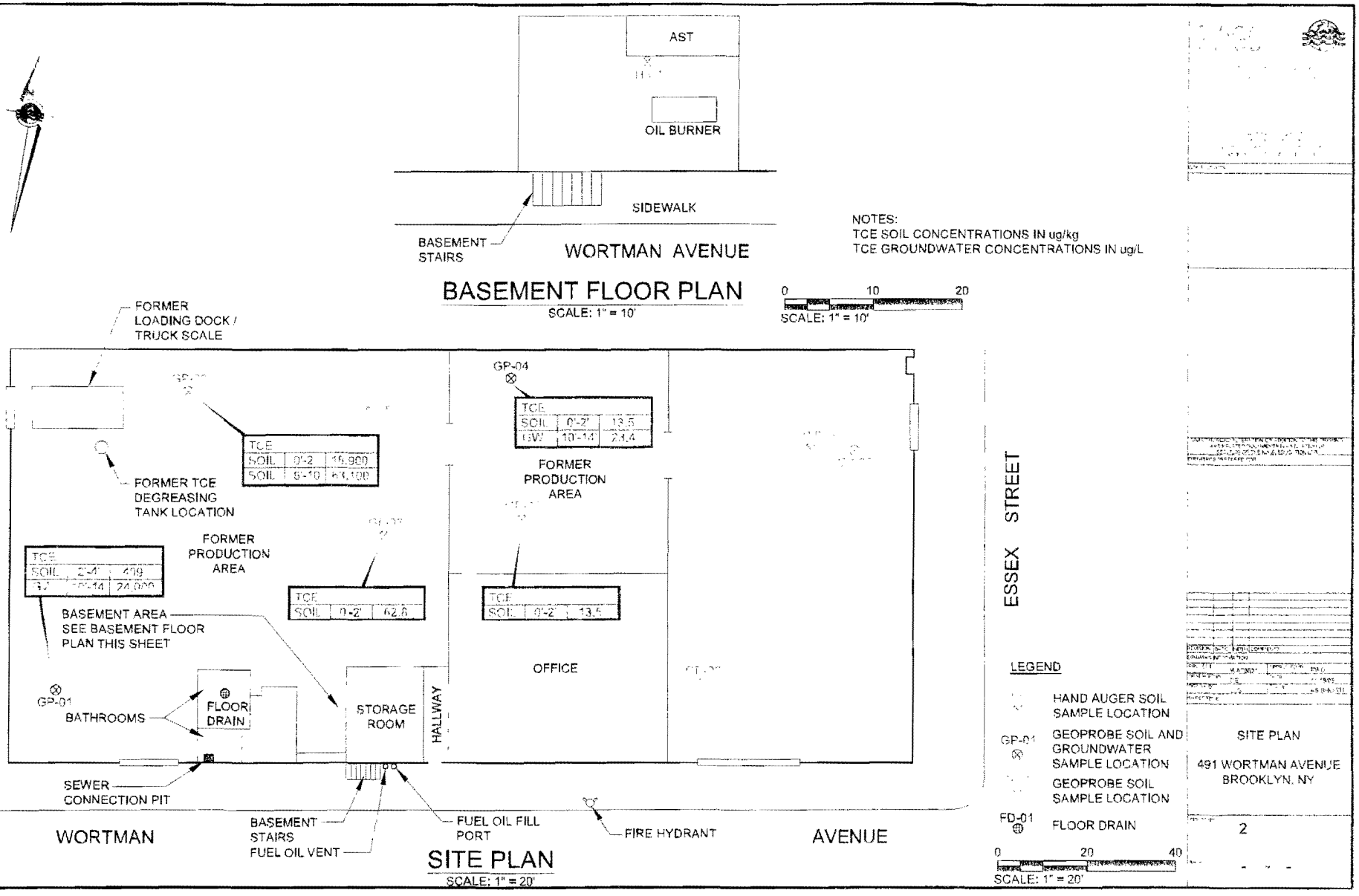
SCALE = 1:24,000

J:\Projects S-Z\WAT\WAT0801\CAD\Vicinity Map.dwg

PWGC

491 WORTMAN AVENUE
BROOKLYN, NY

Project: WAT0801	Figure No: 1
Designed by: JE	
Approved by: PWG	
Drawn By: LLG	Date: 12/11/08


AST
OIL BURNER
SIDEWALK
BASEMENT STAIRS
WORTMAN AVENUE
NOTES:
TCE SOIL CONCENTRATIONS IN ug/kg
TCE GROUNDWATER CONCENTRATIONS IN ug/L
BASEMENT FLOOR PLAN
SCALE: 1" = 10'
0 10 20
SCALE: 1" = 10'
FORMER LOADING DOCK / TRUCK SCALE
FORMER TCE DEGREASING TANK LOCATION
FORMER PRODUCTION AREA
BASEMENT AREA SEE BASEMENT FLOOR PLAN THIS SHEET
GP-01
BATHROOMS
FLOOR DRAIN
STORAGE ROOM
HALLWAY
OFFICE
GP-04
SEWER CONNECTION PIT
WORTMAN
AVENUE
BASEMENT STAIRS
FUEL OIL VENT
FUEL OIL FILL PORT
FIRE HYDRANT
SITE PLAN
SCALE: 1" = 20'
ESSEX STREET
LEGEND
HAND AUGER SOIL SAMPLE LOCATION
GP-01 GEOPROBE SOIL AND GROUNDWATER SAMPLE LOCATION
GEOPROBE SOIL SAMPLE LOCATION
FD-01 FLOOR DRAIN
0 20 40
SCALE: 1" = 20'
SITE PLAN
491 WORTMAN AVENUE
BROOKLYN, NY
2

Tables

TABLE 1
SOIL ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260
November 17, 2008
491 Wortman Avenue - Brooklyn, New York

Compound	NYSDEC TAGM 4046 RSCO [1]	GP-01 2-4'	GP-02 0-2'	GP-02 8-10'	GP-03 0-2'	GP-04 0-2'	GP-07 0-2'
Volatile Organic Compounds by 8260 - ug/kg							
1112Tetrachloroethane	NS	<2.54	<118	<119	<2.48	<0.99	<0.98
111 Trichloroethane	800	<2.88	<130	<131	<2.80	<1.12	<1.11
1122Tetrachloroethane	600	<3.32	<105	<104	<3.23	<1.30	<1.28
112 Trichloroethane	NS	<3.48	<123	<124	<3.40	<1.36	<1.35
1,1,2-Trichlorotrifluoroethane	NS	<2.88	<121	<121	<2.80	<1.12	<1.11
1,1 Dichloroethane	200	<3.15	<138	<139	<3.07	<1.23	<1.22
1,1 Dichloroethene	400	<2.05	<127	<128	<1.99	<0.80	<0.79
1,1-Dichloropropene	NS	<2.93	<110	<110	<2.86	<1.14	<1.13
123-Trichlorobenzene	NS	<2.65	<84.9	<85.6	<2.59	<1.04	<1.03
123- Trichloropropane	400	<3.93	<107	<108	<3.83	<1.53	<1.52
1245 Tetramethylbenz	NS	<2.21	<107	<106	<2.16	<0.86	<0.86
124- Trichlorobenzene (v)	3,400	<1.86	<91.8	<92.5	<1.83	<0.73	<0.73
124- Trimethylbenzene	10,000	<2.05	<115	<116	<1.99	<0.80	<0.79
12 Dibromo 3 chloropropane	NS	<2.54	<103	<104	<2.48	<0.99	<0.98
1,2 Dibromoethane	NS	<3.26	<107	<108	<3.18	<1.27	<1.26
1,2 Dichlorobenzene (v)	7,900	<2.60	<110	<110	<2.53	<1.02	<1.01
1,2 Dichloroethane	100	<3.21	<133	<134	<3.13	<1.25	<1.24
1,2 Dichloropropane	NS	<3.26	<122	<123	<3.18	<1.27	<1.26
135- Trimethylbenzene	3,300	<2.43	<112	<113	<2.37	<0.95	<0.94
1,3 Dichlorobenzene (v)	1,600	<2.93	<105	<106	<2.86	<1.14	<1.13
1,3-Dichloropropane	300	<2.88	<114	<115	<2.80	<1.12	<1.11
1,4 Dichlorobenzene (v)	8,500	<2.65	<107	<108	<2.59	<1.04	<1.03
2,2-Dichloropropane	NS	<3.26	<119	<120	<3.18	<1.27	<1.26
2-Butanone	300	<12.3	<104	<105	<12.0	<4.80	<4.75
2-Chloroethyl vinyl ether	NS	<3.54	<195	<196	<3.45	<1.38	<1.37
2-Chlorotoluene	NS	<2.93	<114	<115	<2.86	<1.14	<1.13
2-Hexanone	NS	<10.9	<83.6	<84.2	<10.7	<4.28	<4.24
4-Chlorotoluene	NS	<2.77	<107	<108	<2.69	<1.08	<1.07
4-Isopropyltoluene	NS	<2.60	<111	<112	<2.53	<1.02	<1.01
4-Methyl-2-pentanone	1,000	<11.9	<118	<119	<11.6	<4.64	<4.60
Acetone	200	101	<159	<160	102	<5.62	115
Acrylonitrile	NS	<38.7	<518	<522	<37.7	<15.1	<15.0
Benzene	60 or MDL	<2.93	<121	<121	<2.86	<1.14	<1.13
Bromobenzene	NS	<2.82	<110	<110	<2.75	<1.10	<1.09
Bromochloromethane	NS	<3.21	<125	<126	<3.13	<1.25	<1.24
Bromodichloromethane	NS	<2.60	<122	<123	<2.53	<1.02	<1.01
Bromoform	NS	<2.65	<111	<112	<2.59	<1.04	<1.03
Bromomethane	NS	<2.71	<140	<141	<2.64	<1.06	<1.05
c-1,2-Dichloroethene	NS	<2.49	<122	<123	<2.43	<0.97	<0.96
c-1,3Dichloropropene	NS	<2.82	<119	<120	<2.75	<1.10	<1.09
Carbon Disulfide	2,700	<2.60	<112	<113	<2.53	<1.02	<1.01
Carbon Tetrachloride	600	<3.10	<123	<124	<3.02	<1.21	<1.20
Chlorobenzene	1,700	<3.37	<118	<119	<3.29	<1.32	<1.31
Chlorodifluoromethane	NS	<4.87	<127	<128	<4.74	<1.90	<1.88
Chloroethane	1900	<3.87	<197	<199	<3.77	<1.51	<1.50
Chloroform	300	<3.26	<133	<134	<3.18	<1.27	<1.26
Chloromethane	NS	<2.77	<108	<109	<2.69	<1.08	<1.07
Dibromochloromethane	NS	<2.54	<114	<115	<2.48	<0.99	<0.98
Dibromomethane	NS	<4.37	<125	<126	<4.26	<1.71	<1.69
Dichlordifluoromethane	NS	<2.05	<110	<110	<1.99	<0.80	<0.79
Ethyl Benzene	5,500	<2.88	<122	<123	<2.80	<1.12	<1.11
Hexachlorobutadiene	NS	<2.65	<108	<109	<2.59	<1.04	<1.03
Isopropylbenzene	2,300	<2.43	<118	<119	<2.37	<0.95	<0.94
m + p Xylene	1,200*	<4.98	<238	<240	<4.85	<1.94	<1.93
ter.ButylMethylEther	120	18.8	<121	**201**	<2.80	<1.12	<1.11
Methylene Chloride	100	<5.20	<148	<149	<5.07	<2.03	<2.01
Naphthalene(v)	13,000	<2.65	<114	<115	<2.59	<1.04	<1.03
n-Butylbenzene	10,000	<2.54	<111	<112	<2.48	<0.99	<0.98
n-Propylbenzene	3,700	<2.49	<83.6	182	<2.43	<0.97	<0.96
o Xylene	1,200*	<2.16	<116	<117	<2.10	<0.84	<0.83
p Diethylbenzene	NS	<2.54	<105	<106	<2.48	<0.99	<0.98
p-Ethyltoluene	NS	<2.32	<111	<112	<2.26	<0.91	<0.90
sec-Butylbenzene	10,000	<2.49	<107	<108	<2.43	<0.97	<0.96
Styrene	NS	<2.38	<111	<112	<2.32	<0.93	<0.92
t-1,2-Dichloroethene	300	<2.54	<130	<131	<2.48	<0.99	<0.98
t-1,3Dichloropropene	NS	<2.32	<108	<109	<2.26	<0.91	<0.90
TAME	NS	<3.48	<118	<119	<3.40	<1.36	<1.35
tert-Butylbenzene	10,000	<2.93	<116	<117	<2.86	<1.14	<1.13
t-Butyl alcohol	NS	<29.8	<1110	<1120	<29.1	<11.6	<11.5
Tetrachloroethene	1,400	67.8	215	975	12.5	<0.97	<0.96
Toluene	1,500	7.43	<148	<149	7.07	1.74	1.4
Trichloroethylene	700	409	**18,900**	**53,100**	62.8	14.5	13.5
Trichlorofluoromethane	NS	<3.10	<137	<138	<3.02	<1.21	<1.20
Vinyl Chloride	200	<3.76	<112	<113	<3.67	<1.47	<1.46

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
NS - Not specified
MDL - Method detection limit
Bold/shaded - indicates exceedance of the TAGM RSCO
*-Sum of all isomers

TABLE 2
SOIL ANALYTICAL RESULTS FOR
TOTAL METALS
November 17, 2008

491 Wortman Avenue - Brooklyn, New York

Compound	NYSDEC TAGM 4046 RSCO[1]	Eastern USA Background	GP-01 2-4'	GP-02 0-2'	GP-02 8-10'	GP-03 0-2'	GP-04 0-2'	GP-07 0-2'
Total Metals - mg/kg								
Aluminum as Al	SB	33,000	5,190	5,370	3,740	5,530	5,870	4,580
Antimony as Sb	SB	NS	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Arsenic as As	7.5 or SB	3 -12	2.13	<0.37	6.1	<0.37	<0.37	<0.36
Barium as Ba	300 or SB	15 - 600	37.4	99.9	66.3	56.5	35.3	46
Beryllium as Be	0.16 or SB	0 - 1.75	<0.022	<0.022	<0.022	<0.022	<0.022	<0.021
Cadmium as Cd	1 or SB	0.1 - 1	<0.033	<0.032	<0.033	<0.033	<0.033	<0.032
Calcium as Ca	SB	130 - 35,000	884	22,500	**67,900**	31,300	2,490	22,000
Chromium as Cr	10 or SB	1.5 - 40**	10.8	8.86	7.97	9.64	13	8.82
Cobalt as Co	30 or SB	2.5 - 60**	4.74	3.91	2.56	3.74	5.94	4.18
Copper as Cu	25 or SB	1 - 50	12.4	24.6	21.1	20	42.1	**67.8**
Iron as Fe	2,000 or SB	2,000 - 550,000	13,200	10,700	10,300	10,800	20,600	14,500
Lead as Pb	500***	200-500	45.8	64.4	54.3	67.3	42.8	114
Magnesium as Mg	SB	100 - 5,000	1,330	1,750	2,970	2,760	2,420	1,880
Manganese as Mn	SB	50 - 5,000	305	330	209	181	268	178
Mercury as Hg	0.1	0.001 - 0.2	**0.13**	**0.12**	0.065	**0.18**	**0.26**	0.094
Nickel as Ni	13 or SB	0.5 - 25	7.32	9.03	6.87	9.6	22.2	8.32
Potassium as K	SB	8,500 - 43,000	597	671	495	795	650	678
Selenium as Se	2 or SB	0.1 - 3.9	<0.48	<0.46	<0.48	<0.47	<0.47	<0.46
Silver as Ag	SB	NS	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Sodium as Na	SB	6,000 - 8,000	294	223	190	256	159	271
Thallium as Tl	SB	NS	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Vanadium as V	150 or SB	1 - 200	14.8	12.9	16.4	11.6	18.1	13.6
Zinc as Zn	20 or SB	9 - 50	37.7	**74.3**	**119**	**311**	38.7	**59.6**

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
** - New York State Background Concentration
SB - Site Background
NS - Not Specified
*** - Background levels for lead vary widely. Average levels in undeveloped rural areas range from 4-61ppm and in metropolitan/surban areas or near highways from 200-500ppm
Bold/shaded - Indicates exceedance of the TAGM RSCO

Table 3

AST Soil Sample Analytical Data for VOCs and SVOCs
November 17, 2008
491 Wortman Avenue
Brooklyn, New York

Compound	NYSDEC Clean-up Objectives (1)	HA-1 0-2'
Volatile Organic Compounds by 8260 - ug/kg		
124-Trimethylbenzene	10,000	<0.83
1,3,5-Trimethylbenzene	3,300	<0.99
Benzene	60 or MDL	<1.19
Ethyl Benzene	5,500	<1.16
Isopropylbenzene	2300	<0.99
m + p Xylene	1200*	<2.02
ter.ButylMethylEther	120	5.63
n-Butylbenzene	10,000	<1.08
n-Propylbenzene	3,700	<1.03
Naphthalene(v)	13,000	<1.01
o Xylene	1200*	<0.87
p-Isopropyltoluene	10,000	<1.05
sec-Butylbenzene	10,000	<1.01
tert-Butylbenzene	10,000	<1.19
Toluene	1,500	3.25
Semi-Volatile Organic Compounds by 8270 - ug/kg		
Acenaphthene	50,000	<36.9
Acenaphthylene	50,000	<40.4
Anthracene	50,000	<34.9
Benzo(a)anthracene	224 or MDL	104
Benzo(a)pyrene	61 or MDL	**106**
Benzo(b)fluoranthene	220 or MDL	128
Benzo(ghi)perylene	50,000	114
Benzo(k)fluoranthene	220 or MDL	134
Chrysene	400	166
Dibenzo(a,h)anthracene	14 or MDL	**36.1**
Fluoranthene	50,000	296
Fluorene	50,000	<43.8
Indeno(1,2,3-cd)pyrene	3,200	101
Naphthalene(sv)	13,000	<53.5
Phenanthrene	50,000	122
Pyrene	50,000	199

Notes:
(1) NYSDEC Recommended Soil Cleanup Objectives (RSCO), Technical and Administrative Guidance Memorandum (TAGM) #4046, 12/00
MDL - Method detection limit
Bold/highlighted - indicated exceedance of the TAGM 4046 RSCO

TABLE 4
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260
November 17, 2008
491 Wortman Avenue- Brooklyn, New York

Compound	NYSDEC Groundwater Standards**	GP-01 (GW)	GP-04 (GW)
Volatile Organic Compounds by 8260 - ug/L			
1112Tetrachloroethane	5	<0.86	<0.86
111 Trichloroethane	5	**7.91**	<0.95
1122Tetrachloroethane	5	<0.75	<0.75
112 Trichloroethane	1	<0.90	<0.90
112 Trichloro-122 trifluoroethane	5	<0.88	<0.88
1,1 Dichloroethane	4	**7.33**	<1.01
1,1 Dichloroethene	5	**7.69**	<0.93
1,1-Dichloropropene	5	<0.80	<0.80
123-Trichlorobenzene	5	<0.62	<0.62
123-Trichloropropane	0.04	<0.78	<0.78
1245 Tetramethylbenzene	5	<0.78	<0.78
124-Trichlorobenzene (v)	5	<0.67	<0.67
124-Trimethylbenzene	5	<0.84	<0.84
12 Dibromo 3 chloropropane	0.04	<0.75	<0.75
1,2 Dibromoethane	NS	<0.78	<0.78
1,2 Dichlorobenzene (v)	3	1.11	<0.80
1,2 Dichloroethane	0.6	<0.97	<0.97
1,2 Dichloropropane	1	<0.89	<0.89
135-Trimethylbenzene	5	<0.82	<0.82
1,3 Dichlorobenzene (v)	3	<0.77	<0.77
1,3-Dichloropropane	5	<0.83	<0.83
1,4 Dichlorobenzene (v)	3	<0.78	<0.78
2,2-Dichloropropane	5	<0.87	<0.87
2-Butanone	NS	<0.76	<0.76
2-Chloroethyl vinyl ether	NS	<1.42	<1.42
2-Chlorotoluene	5	<0.83	<0.83
2-Hexanone	50*	<0.61	<0.61
4-Chlorotoluene	5	<0.78	<0.78
4-Isopropyltoluene	5	<0.81	<0.81
4-Methyl-2-pentanone	NS	<0.86	<0.86
Acetone	50*	<1.16	<1.16
Acrylonitrile	5	<3.78	<3.78
Benzene	1	<0.88	<0.88
Bromobenzene	5	<0.80	<0.80
Bromochloromethane	5	<0.91	<0.91
Bromodichloromethane	50*	<0.89	<0.89
Bromoform	50*	<0.81	<0.81
Bromomethane	5	<1.02	<1.02
c-1,2-Dichloroethene	5	**16.5**	**5.33**
c-1,3Dichloropropene	0.4	<0.87	<0.87
Carbon Disulfide	60***	<0.82	<0.82
Carbon Tetrachloride	5	<0.90	<0.90
Chlorobenzene	5	<0.86	<0.86
Chlorodifluoromethane	NS	<0.93	<0.93
Chloroethane	5	<1.44	<1.44
Chloroform	7	**17.7**	<0.97
Chloromethane	5	<0.79	<0.79
Dibromochloromethane	NS	<0.83	<0.83
Dibromomethane	5	<0.91	<0.91
Dichlordifluoromethane	5	<0.80	<0.80
Ethyl Benzene	5	<0.89	<0.89
Hexachlorobutadiene	0.5	<0.79	<0.79
Isopropylbenzene	5	<0.86	<0.86
m + p Xylene	5	<1.74	<1.74
ter.ButylMethylEther	10	<0.88	<0.88
Methylene Chloride	5	3.08	<1.08
n-Butylbenzene	5	<0.83	<0.83
n-Propylbenzene	5	<0.81	<0.81
Naphthalene(v)	10*	<0.61	<0.61
o Xylene	5	<0.85	<0.85
p Diethylbenzene	NS	<0.77	<0.77
p-Ethyltoluene	NS	<0.81	<0.81
sec-Butylbenzene	5	<0.78	<0.78
Styrene	5	<0.81	<0.81
t-1,2-Dichloroethene	5	<0.95	<0.95
t-1,3Dichloropropene	0.4 [1]	<0.79	<0.79
TAME	NS	<0.86	<0.86
tert-Butylbenzene	5	<0.85	<0.85
t-Butyl alcohol	NS	<8.10	<8.10
Tetrachloroethene	5	**544**	**78.3**
Toluene	5	<1.08	<1.08
Trichloroethylene	5	**24,000**	**23.4**
Trichlorofluoromethane	5	<1.00	<1.00
Vinyl Chloride	2	<0.82	<0.82

Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
*** - NYSDEC Ambient Water Quality Standards and Guidance Values, Addendum April 2000
ND - Not detected
* - Guidance Value
NS - Not Specified
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard
[1] Applies to sum of cis and trans 1,3

TABLE 5
GROUNDWATER ANALYTICAL RESULTS FOR
METALS
November 17, 2008
491 Wortman Avenue - Brooklyn, New York

Compound Priority Pollutant Metals mg/L	NYSDEC Groundwater Standards**	GP-01 (GW)	GP-04(GW)
Aluminum as Al	NS	5.98	3.94
Antimony as Sb	0.003	<0.0020	<0.0020
Arsenic as As	0.025	<0.0030	<0.0030
Barium as Ba	1	0.12	0.044
Beryllium as Be	0.003	<0.00020	<0.00020
Cadmium as Cd	0.005	<0.00030	<0.00030
Calcium as Ca	NS	76.1	56.5
Chromium as Cr	0.05	**0.079**	**0.064**
Cobalt as Co	NS	<0.00040	<0.00040
Copper as Cu	0.2	0.042	**0.21**
Iron as Fe	0.5	**26.2**	**10.8**
Lead as Pb	0.025	<0.0017	<0.0017
Magnesium as Mg	35	18.9	15.2
Manganese as Mn	0.3	**1.26**	**0.82**
Mercury as Hg	0.0007	<0.0000070	0.000079
Nickel as Ni	0.1	0.05	0.049
Potassium as K	NS	16.8	11
Selenium as Se	0.01	<0.0043	<0.0043
Silver as Ag	0.05	<0.0010	<0.0010
Sodium as Na	20	**72.6**	**33.2**
Thallium as Tl	0.0005	<0.0020	<0.0020
Vanadium as V	NS	0.017	<0.00050
Zinc as Zn	2	0.55	0.39

Notes:

** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998

ND - Not detected

* - Guidance Value

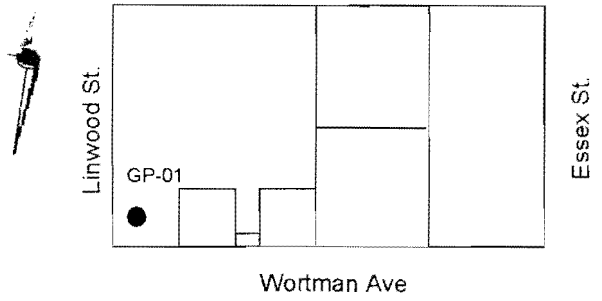
NS - Not Specified

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Appendix A
Soil Boring Logs

P.W. GROSSER
CONSULTING, INC.

Boring # **GP-01** MW# Page 1 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: **Macrocore (2" diameter)**
total depth **12'**
elevation **NA**
HAMMER WT: NA DROP: NA
START TIME: 09:29 DATE: 11/17/2008
COMPLETION TIME: 10:24 DATE: 11/17/2008
BACKFILL TIME: 10:26 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA

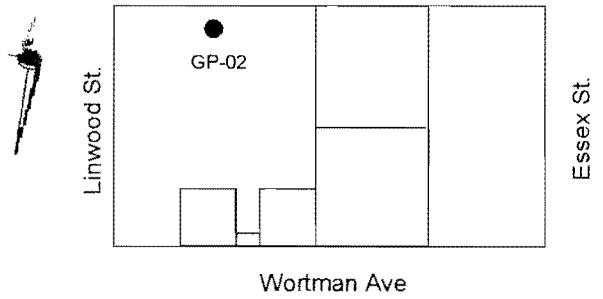


Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.5' Concrete and coal. 1' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 7.6 ppm.
			2-4': 1.5' Dry, poorly graded brown sand with silt. (SP-SM) Rock fragments.	PID = 70.2 ppm. (Solvent odor)
				Soil sample collected from 0-2' at 10:09 and 2-4' at 10:19.
4-8'	4	3	4-6': 1.5' Dry, poorly graded light brown sand with silt. (SP-SM)	PID = 17.0 ppm.
			6-8': 1.5' Dry, poorly graded light brown sand with silt. (SP-SM)	PID = 43.3 ppm.
				Soil sample collected from 6-8' at 10:22.
8-12'	4	3.5	8-10': 0.5' Dry, poorly graded brown sand. (SP) Rock fragments. 1.25' Moist, poorly graded reddish-brown sand with silt. (SP-SM)	PID = 22.7 ppm.
			10-12': 1.75' Wet, poorly graded redish-brown sand with silt. (SP-SM)	PID = 86.3 ppm.
				Soil sample collected from 10-12' at 10:24. GW sample collected from 10-14' at 10:05.

P.W. GROSSER
CONSULTING, INC.

Boring # **GP-02** MW# Page 2 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: total depth 12'
Macrocore (2" diameter) elevation NA
HAMMER WT: NA DROP: NA
START TIME: 10:29 DATE: 11/17/2008
COMPLETION TIME: 10:58 DATE: 11/17/2008
BACKFILL TIME: 11:00 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA



Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2.5	0-2': 0.5' Concrete and coal. 0.75' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 17.3 ppm.
			2-4': 1.25' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 94.6 ppm.
				Soil sample collected from 0-2' at 10:38.
4-8'	4	2.5	4-6': 1.25' Dry, poorly graded brown sand with silt. (SP-SM) Coal	PID = 119 ppm.
			6-8': 1.25' Dry, poorly graded brown sand with silt. (SP-SM) Coal	PID = 86.8 ppm.
8-12'	4	4	8-10': 2' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 155 ppm.
			10-12': 2' Wet, poorly graded brown sand with silt. (SP-SM)	PID = 8.6 ppm.
				Soil sample collected from 8-10' at 10:58.

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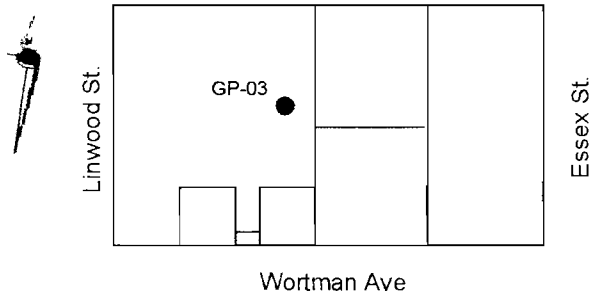
Boring # **GP-03** MW# Page 3 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: total depth **12'**
Macrocore (2" diameter) elevation **NA**



Approximate borehole locations at site

HAMMER WT: NA DROP: NA
START TIME: 11:14 DATE: 11/17/2008
COMPLETION TIME: 11:36 DATE: 11/17/2008
BACKFILL TIME: 11:40 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.75' Concrete. 0.75' Dry, poorly graded brown sand. (SP) Rock and coal.	PID = 3.1 ppm.
			2-4': 1.5' Dry, poorly graded brown sand. (SP)	PID = 3.7 ppm.
				Soil sample collected from 0-2' at 11:22.
4-8'	4	3	4-6': 025' Dry, poorly graded brown sand. (SP) 1.25' Concrete.	PID = 3.9 ppm.
			6-8': 1.5' Moist, poorly graded dark brown sand with silt. (SP-SM)	PID = 7.9 ppm.
				Soil sample collected from 6-8' at 11:36.
8-12'	4	3.5	8-10': 0.75' Concrete. 1' Moist, poorly graded brown sand. (SP)	PID = 5.4 ppm.
			10-12': 1.75' Wet, well graded brown sand with silt. (SW-SM)	PID = 3.8 ppm.

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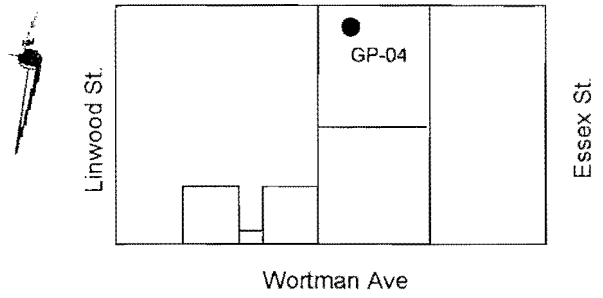
CONSULTING, INC.

Boring # **GP-04** MW# Page 4 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: **Macrocore (2" diameter)**

total depth **12'**
elevation **NA**

HAMMER WT: NA DROP: NA
START TIME: 11:44 DATE: 11/17/2008
COMPLETION TIME: 12:48 DATE: 11/17/2008
BACKFILL TIME: 12:50 DATE: 11/17/2008

Casing depth: NA
Screen depth: NA



Approximate borehole locations at site

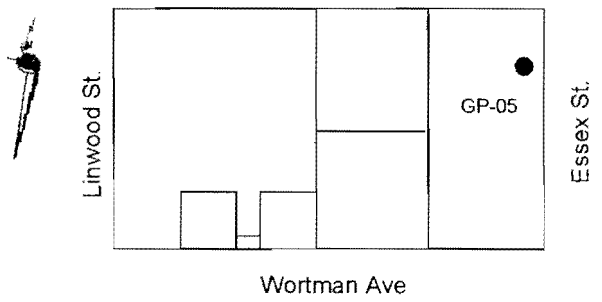
Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	2	0-2': 0.5' Concrete. 0.5' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 13.9 ppm.
			2-4': 1' Concrete	
				Soil sample collected from 0-2' at 12:06.
4-8'	4	3	4-6': 1' Concrete. 0.5' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 3.9 ppm.
			6-8': 1.5' Dry, poorly graded dark brown sand with silt. (SP-SM)	PID = 20.9 ppm.
				Soil sample collected from 6-8' at 12:22.
8-12'	4	3	8-10': 0.5' Concrete. 1' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 0.0 ppm.
			10-12': 1.5' Wet, well graded brown sand with silt. (SW-SM)	PID = 2.3 ppm.
				GW sample collected from 10-14' at 12:48.

P.W. GROSSER
CONSULTING, INC

Boring # **GP-05** MW# Page 5 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: total depth 4'

Macrocore (2" diameter) elevation NA

HAMMER WT: NA DROP: NA
START TIME: 13:16 DATE: 11/17/2008
COMPLETION TIME: 13:20 DATE: 11/17/2008
BACKFILL TIME: 13:24 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA

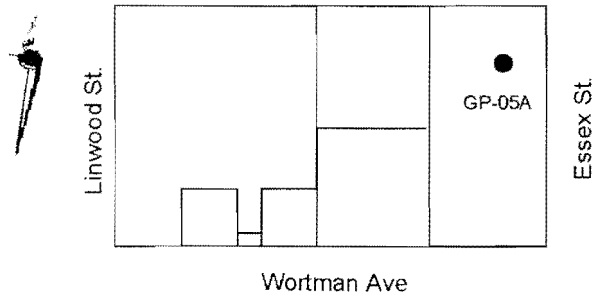


Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.5' Concrete. 1' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 1.9 ppm.
			2-4': 1' Dry, poorly graded brown sand with silt. (SP-SM) 0.5' Brick.	PID = 18.0 ppm.
			Refusal at 4'.	

P.W. GROSSER
CONSULTING, INC.

Boring # **GP-05A** MW# Page 6 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: **Macrocore (2" diameter)**
total depth **4'**
elevation **NA**



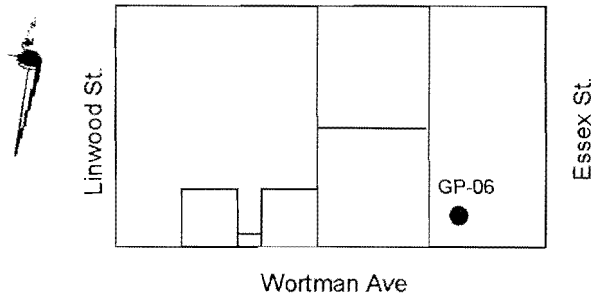
Approximate borehole locations at site

HAMMER WT: NA DROP: NA
START TIME: 13:30 DATE: 11/17/2008
COMPLETION TIME: 13:50 DATE: 11/17/2008
BACKFILL TIME: 13:51 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.5' Concrete. 1' Dry, poorly graded brown sand with silt. (SP-SM) Cobble and coal.	PID = 0.0 ppm.
			2-4': 1.5' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 1.9 ppm.
			Refusal at 4'.	Soil sample collected from 0-2' at 13:50.

P.W. GROSSER
CONSULTING, INC.

Boring # **GP-06** MW# Page 7 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: **Macrocore (2" diameter)**
total depth **4'**
elevation **NA**
HAMMER WT: NA DROP: NA
START TIME: 13:57 DATE: 11/17/2008
COMPLETION TIME: 14:15 DATE: 11/17/2008
BACKFILL TIME: 14:16 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA

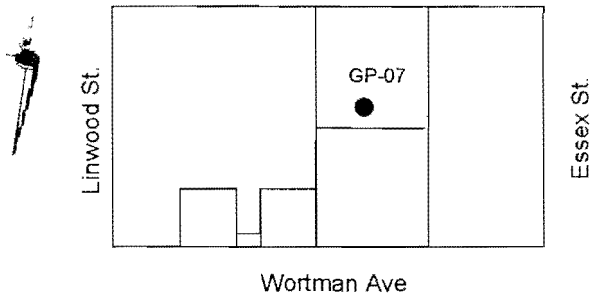


Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.25' Concrete. 1' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.25' Concrete.	PID = 12.9 ppm.
			2-4': 1' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.5' Concrete.	PID = 8.7 ppm.
			Refusal at 4'.	

P.W. GROSSER
CONSULTING, INC.

Boring # **GP-07** MW# Page 8 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Geoprobe
DRILLER: Angel
Borehole diameter/drill bit type: **Macrocore (2" diameter)**
total depth **12'**
elevation **NA**
HAMMER WT: NA DROP: NA
START TIME: 14:26 DATE: 11/17/2008
COMPLETION TIME: 14:48 DATE: 11/17/2008
BACKFILL TIME: 14:50 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA



Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-4'	4	3	0-2': 0.25' Concrete. 1' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.25' Concrete.	PID = 3.6 ppm.
			2-4': 0.25' Concrete. 1.25' Dry, poorly graded dark brown sand with silt. (SP-SM)	PID = 6.8 ppm.
				Soil sample collected from 0-2' at 14:47.
4-8'	4	1	4-8': 1' Dry, poorly graded brown sand with silt. (SP-SM)	PID = 22.4 ppm.
8-12'	4	3.5	8-10': 1' Dry, poorly graded dark brown sand with silt. (SP-SM) 0.75' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 33.2 ppm.
			10-12': 1.75' Wet, poorly graded brown sand with silt. (SP-SM)	PID = 48.3 ppm.
				Soil sample collected from 10-12' at 14:48.

APPENDIX 2

EnviroTrac Environmental Services Limited Subsurface Investigation Report

EnviroTrac
Environmental Services

February 1, 2009

Mr. Jack Abel, P.E.
Vice President
Watermark Designs Ltd.
350 Dewitt Avenue
Brooklyn, New York 11207

Re: NYSDEC Spill # 08-09879
491 Wortman Avenue
Brooklyn Neck, New York

Dear Mr. Abel,

The purpose of this letter is to provide you with an outline of the work that will probably be required by the New York State Department of Environmental Conservation (NYSDEC) to remediate the known environmental issue at the above referenced site. It has been our professional experience that sites impacted with chlorinated solvents such as Trichloroethylene (TCE) must be investigated and remediated following the steps outlined in the NYSDEC's Division of Environmental Remediation (DER) document "Technical Guidance for Site Investigation and Remediation" (DER-10). DER-10 is a 103 page document (not including Appendices) that provides a guideline to follow when investigating and remediating sites that may have been impacted by hazardous wastes.

Basically, DER-10 requires you to perform the following work:

1. **Site Characterization**. Existing sources of information are reviewed and preliminary field investigations are performed.

2. **Remedial Investigation**. A detailed, multiple-phase investigation is performed to determine:
   - The source of the problem (underground tanks? Off-site source? Surface spills?
   - The extent of the problem in both soil and groundwater (Are off-site properties impacted? Exactly how much of the site is impacted?)
   - Does the problem present any health risks to the occupants of the site?

3. **Remedial Selection/Design/Action**. A remedial action, or combination of actions, is chosen and implemented at the site. These actions can include soil excavation and air sparge/vapor extraction.

4. **Operation, Maintenance and Monitoring**. The long term radiation of the site, which will end with the closure of the case.

The following work was performed to accomplish the above stated goals:

- One soil boring (B-2) was installed two feet south of GP-02.
- Four soil borings (B-1, B-7, B-8 and B-9) were installed surrounding B-2.
- Two soil borings (B-3 and B-4) were installed in the area where Watermark had stored/utilized TCE.
- One multiple depth temporary well (B-5) was installed within two feet of GP-01.
- A groundwater sample was obtained from the area of B-6.

Subsurface Investigation

The soil borings were installed on January 8, 2009 utilizing direct push technology. Soil in all borings, with the exception of B-5 and B-6, was sampled continuously until groundwater was encountered at approximately 12 feet below grade. Borings B-5 and B-6 were for groundwater only.

Two general types of soil were encountered beneath the building. The first is fill material consisting of a mixture of ash, sand and demolition debris. Pieces of bricks, coal and concrete were observed in the fill material. The fill material was present from grade surface to between six and eight feet below grade.

The second type of soil encountered beneath the building consisted of a brown, medium-fine grained sand. It is not known if this sand is native material or fill material. In all borings the sand was present from six to eight feet below grade till the borings were terminated at 12 feet. In boring B-1, which was terminated at 15 feet, the sand was present to 15 feet below grade. Boring B-9 was terminated at 7 feet, due to rejection.

All soil samples were screened for VOCs utilizing a Photoionization Detector (PID). The results of the soil screening is summarized below.

Sample Location (Depth)	PID Reading (ppm)	Comments
B-1 (0-5)	0.0	Fill. No odor.
B-1 (5-10)	0.0	Fill to 7', med-fine sand to 10'. No odor.
B-1 (10-15)	0.0	Medium-fine sand. Wet at 12'. No odor.
B-2 (0-5)	0.0	Fill material. Possible odor.
B-2 (5-7)	4.3	Fill material.
B-2 (7-10)	0.0	Medium-fine sand. Possible odor.
B-2 (10-12)	0.0	Medium-fine sand. Possible odor.
B-3 (0-5)	4.3	Fill material, possible odor.
B-3 (5-6)	5.0	Fill material, possible odor.
B-3 (6-12)	0.0	Medium-fine sand. No odor.
B-4 (0-5)	1.5	Fill material, possible odor.
B-4 (5-7)	0.0	Fill material, odor.
B-4 (7-12)	0.0	Medium-fine sand. No odor.
B-7 (0-5)	10.5	Fill material, poor recovery. Odor.
B-7 (5-7)	1.2	Fill material, possible odor.
B-7 (7-12)	5.0	Medium-fine sand. Possible odor.
B-8 (0-5)	4.0	Fill material, no odor.
B-8 (5-7)	2.7	Fill material, possible odor.
B-8 (7-7.5)	10.0	Medium-fine sand. Staining, odor.
B-8 (7.5-12)	0.0	Medium-fine sand. No stains or odor.
B-9 (0-7)	0.0	Fill, stained black, no odor.

Soil Analysis

Selected soil and groundwater samples were placed in the proper containers, stored in a cooler filled with ice and transported under proper chain of custody procedures to Phoenix Environmental Laboratories (Manchester, CT), an ELAP Certified laboratory. The selected samples were analyzed for VOCs as per EPA Method 8260. The results of the laboratory analysis for TCE and PCE are summarized below. A copy of the full laboratory results are appended to this letter.

Sample Location (Depth)	Trichloroethene	Tetrechloroethene
B-1 (8-10)	9.6	ND
B-2 (4-6)	230	ND
B-2 (8-10)	**2,400**	320
B-3 (0-5)	**20,000**	16
B-4 (2-3)	420	5.9
B-4 (6)	**8,800**	11
B-7 (2-5)	**140,000**	**5,000**
B-7 (8-10)	31	ND
B-8 (3-5)	**4,400**	ND
B-8 (7-7.5)	**3,300**	ND
B-9 (4-7)	8.4	ND

All concentrations in ppb. Concentrations in bold exceed respective RSCOs.

The Recommended Soil Cleanup Objective (RSCO) for TCE, as found in the NYSDEC's Technical and Administrative Guideline Memorandum #4046 (TAGM4046) is 700 parts per billion (ppb). The RSCO for PCE is 1,400 ppb. As presented in the above summary, several of the soil samples exhibit concentrations of TCE that exceed the RSCO. Of the five borings installed in the vicinity of B-2 (inclusive), B-2, B-7 and B-8 all exhibit elevated TCE concentrations. Of particular note is the sample from B-7 (2-5). This sample exhibited 140,000 ppb of TCE and, being relatively shallow, suggests a nearby source area for the TCE. This sample also exhibited 5,000 ppb of PCE, which was not utilized at the site by Watermark. This information suggests that a possible source associated with the prior usage of the building could be responsible for the impacted soil in this area.

Three soil borings (B-3, B-4 and B-5) were installed in the portion of the building where Watermark had stored and utilized TCE. Boring B-5 was installed in the area of GP-01. As GP-01 did not exhibit any VOCs that exceeded their respective RSCOs, no soil samples were obtained from this boring. The samples from B-3 (0-5) and B-4 (6) both exhibited concentrations of TCE that exceed the RSCO.

Groundwater Analysis

A total of five groundwater samples were analyzed for VOCs as per EPA Method 8260. Four of these samples were obtained from various depths at B-5, which was located near GP-01. The depth at which each sample was obtained was measured from the bottom of the sampler to ground surface. Thus, the 15 foot sample was obtained at the groundwater interface.

The results of the laboratory analysis for TCE and PCE in the groundwater are summarized below. A copy of the full laboratory results are appended to this letter.

Sample Location (Depth)	Trichloroethene	Tetrechloroethene
B-2 (15)	**54**	**91**
B-5 (15)	**5,700**	**510**
B-5 (25)	**36**	**97**
B-5 (35)	**14**	**26**
B-5 (45)	**18**	**38**

All concentrations in ug/L. Concentrations in bold exceed respective DEC Guidelines.

The NYSDEC's Technical and Operational Guidance Series (TOGS) 1.1.1 lists the Ambient Water Quality Standard (Class GA) for TCE in groundwater as 5 micrograms per liter (ug/L). The Ambient Water Quality Standard for PCE is also 5 ug/L.

A review of the summary indicates that slightly elevated concentrations of TCE and PCE are present in the groundwater at B-2. The laboratory analysis of the B-5 (15) sample confirms the findings of the PWGC ESA. The groundwater impact noted at the deeper depths in B-5 may be due to the nature of TCE and PCE to sink in groundwater or it may be the result of "dragdown" during the installation of the groundwater sampling equipment.

Conclusions

The Limited Subsurface Investigation performed by EnviroTrac has confirmed the results (with regards to the presence of TCE and PCE) of the ESA that was performed at the site by PWGC. At this time it is EnviroTrac's recommendation that a work plan for a Remedial Investigation be generated and submitted to the NYSDEC for their approval.

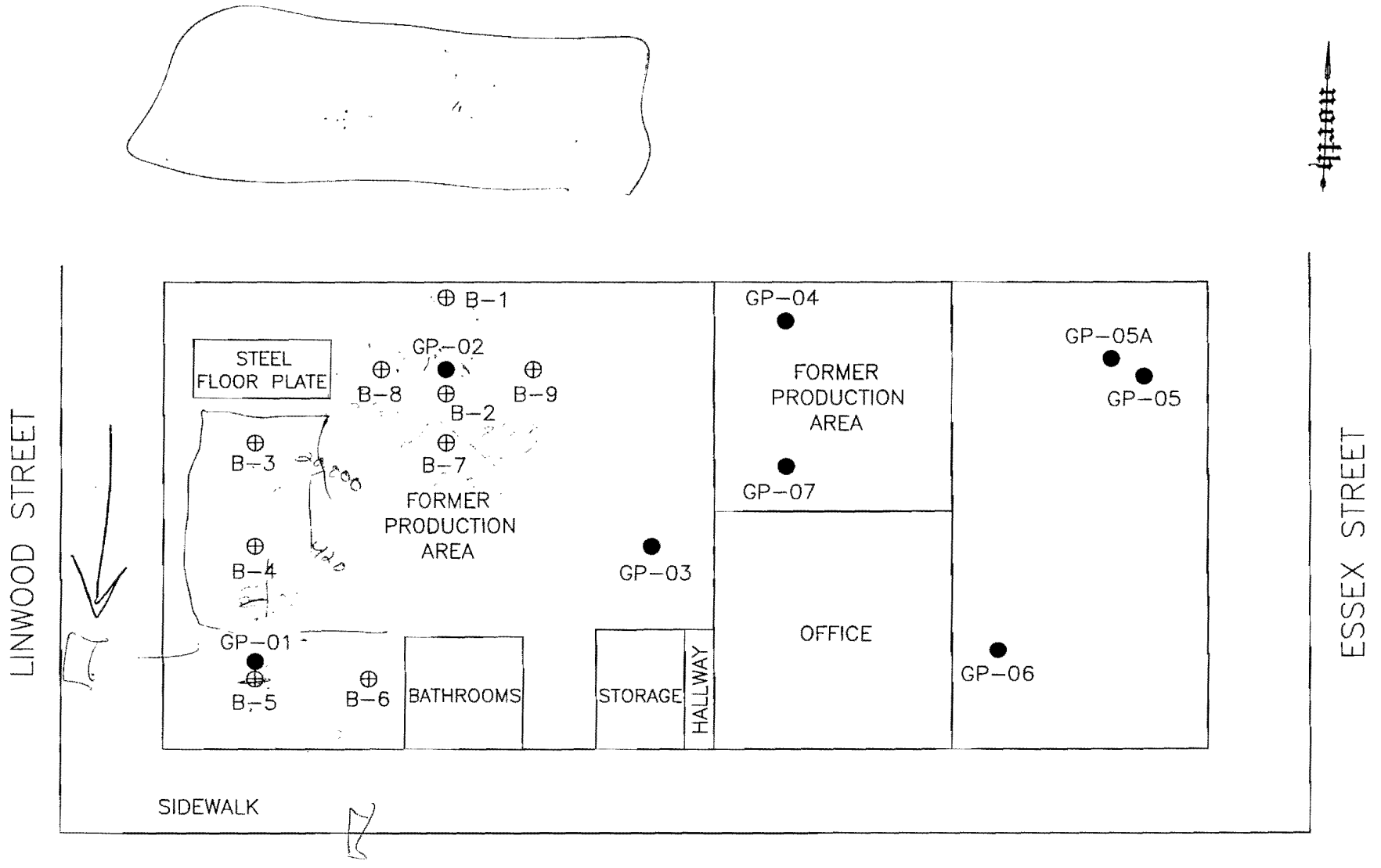
If you have any questions please do not hesitate to contact me.

Sincerely,
EnviroTrac Ltd.

David Lorthioir
Project Manager

Attachments

EnviroTrac



LEGEND:

● = SOIL BORING INSTALLED BY P.W. GROSSER

⊕ = SOIL BORING INSTALLED BY ENVIROTRAC

B-1 = BORING IDENTIFICATION

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

SCALE: NOT TO SCALE

REVISION DATE: JANUARY 29, 2009

REVISED BY: TB

491 WORTMAN AVENUE
BROOKLYN, NEW YORK

SITE PLAN

FIGURE # 2

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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26963

Client ID: WATERMARK B-9 (4-7)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1,1-Trichloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1,2-Trichloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloropropene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichloropropane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloropropane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichloropropane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
1,4-Dichlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
2,2-Dichloropropane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
2-Chlorotoluene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
2-Hexanone	ND	30	ug/Kg	01/13/09		R/J	SW8260
2-Isopropyltoluene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
4-Chlorotoluene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
4-Methyl-2-pentanone	ND	30	ug/Kg	01/13/09		R/J	SW8260
Acetone	ND	120	ug/Kg	01/13/09		R/J	SW8260
Acrylonitrile	ND	12	ug/Kg	01/13/09		R/J	SW8260
Benzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260

Client ID: WATERMARK B-9 (4-7) Phoenix I.D.: AR26963

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Bromochloromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Bromodichloromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Bromoform	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Bromomethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Carbon Disulfide	9.3	6.0	ug/Kg	01/13/09		R/J	SW8260
Carbon tetrachloride	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Chlorobenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Chloroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Chloroform	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Chloromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Dibromochloromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Dibromoethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Dibromomethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Dichlorodifluoromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Ethylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Hexachlorobutadiene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Isopropylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
m&p-Xylene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	01/13/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	01/13/09		R/J	SW8260
Methylene chloride	ND	12	ug/Kg	01/13/09		R/J	SW8260
Naphthalene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
n-Butylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
n-Propylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
o-Xylene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
p-Isopropyltoluene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
sec-Butylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Styrene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
tert-Butylbenzene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Tetrachloroethene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	01/13/09		R/J	SW8260
Toluene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Total Xylenes	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	01/13/09		R/J	SW8260
Trichloroethene	8.4	6.0	ug/Kg	01/13/09		R/J	SW8260
Trichlorofluoromethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Trichlorotrifluoroethane	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
Vinyl chloride	ND	6.0	ug/Kg	01/13/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/13/09		R/J	SW8260
% Bromofluorobenzene	96		%	01/13/09		R/J	SW8260
% Dibromofluoromethane	90		%	01/13/09		R/J	SW8260
% Toluene-d8	98		%	01/13/09		R/J	SW8260

Client ID: WATERMARK B-9 (4-7) Phoenix I.D.: AR26963

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26964

Client ID: WATERMARK B-8 (7-7.5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-8 (7-7.5) Phoenix I.D.: AR26964

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	3300	280	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	93		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	106		%	01/10/09		R/J	SW8260
% Toluene-d8	140		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-8 (7-7.5) Phoenix I.D.: AR26964

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26965

Client ID: WATERMARK B-8 (3-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-8 (3-5) Phoenix I.D.: AR26965

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	4400	280	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	102		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	105		%	01/10/09		R/J	SW8260
% Toluene-d8	124		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-8 (3-5) Phoenix I.D.: AR26965

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 2009

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26966

Client ID: WATERMARK B-7 (2-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	88		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1,1-Trichloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1,2-Trichloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloropropene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichloropropane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloropropane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichloropropane	ND	570	ug/Kg	01/13/09		R/J	SW8260
1,4-Dichlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
2,2-Dichloropropane	ND	570	ug/Kg	01/13/09		R/J	SW8260
2-Chlorotoluene	ND	570	ug/Kg	01/13/09		R/J	SW8260
2-Hexanone	ND	2800	ug/Kg	01/13/09		R/J	SW8260
2-Isopropyltoluene	ND	570	ug/Kg	01/13/09		R/J	SW8260
4-Chlorotoluene	ND	570	ug/Kg	01/13/09		R/J	SW8260
4-Methyl-2-pentanone	ND	2800	ug/Kg	01/13/09		R/J	SW8260
Acetone	ND	11000	ug/Kg	01/13/09		R/J	SW8260
Acrylonitrile	ND	1100	ug/Kg	01/13/09		R/J	SW8260
Benzene	ND	570	ug/Kg	01/13/09		R/J	SW8260

Client ID: WATERMARK B-7 (2-5) Phoenix I.D.: AR26966

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Bromochloromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Bromodichloromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Bromoform	ND	570	ug/Kg	01/13/09		R/J	SW8260
Bromomethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Carbon Disulfide	ND	570	ug/Kg	01/13/09		R/J	SW8260
Carbon tetrachloride	ND	570	ug/Kg	01/13/09		R/J	SW8260
Chlorobenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Chloroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Chloroform	ND	570	ug/Kg	01/13/09		R/J	SW8260
Chloromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	570	ug/Kg	01/13/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Dibromochloromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Dibromoethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Dibromomethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Dichlorodifluoromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Ethylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Hexachlorobutadiene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Isopropylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
m&p-Xylene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Methyl Ethyl Ketone	ND	3400	ug/Kg	01/13/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	1100	ug/Kg	01/13/09		R/J	SW8260
Methylene chloride	ND	570	ug/Kg	01/13/09		R/J	SW8260
Naphthalene	ND	570	ug/Kg	01/13/09		R/J	SW8260
n-Butylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
n-Propylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
o-Xylene	ND	570	ug/Kg	01/13/09		R/J	SW8260
p-Isopropyltoluene	ND	570	ug/Kg	01/13/09		R/J	SW8260
sec-Butylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Styrene	ND	570	ug/Kg	01/13/09		R/J	SW8260
tert-Butylbenzene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Tetrachloroethene	5000	570	ug/Kg	01/13/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	1100	ug/Kg	01/13/09		R/J	SW8260
Toluene	ND	570	ug/Kg	01/13/09		R/J	SW8260
Total Xylenes	ND	570	ug/Kg	01/13/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	570	ug/Kg	01/13/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	570	ug/Kg	01/13/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	1100	ug/Kg	01/13/09		R/J	SW8260
Trichloroethene	140000	5700	ug/Kg	01/13/09		R/J	SW8260
Trichlorofluoromethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Trichlorotrifluoroethane	ND	570	ug/Kg	01/13/09		R/J	SW8260
Vinyl chloride	ND	570	ug/Kg	01/13/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/13/09		R/J	SW8260
% Bromofluorobenzene	103		%	01/13/09		R/J	SW8260
% Dibromofluoromethane	100		%	01/13/09		R/J	SW8260
% Toluene-d8	92		%	01/13/09		R/J	SW8260

Client ID: WATERMARK B-7 (2-5) Phoenix I.D.: AR26966

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 2009

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26967

Client ID: WATERMARK B-7 (8-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
2-Hexanone	ND	27	ug/Kg	01/13/09		R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	01/13/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/13/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/13/09		R/J	SW8260
Benzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260

Client ID: WATERMARK B-7 (8-10) Phoenix I.D.: AR26967

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/13/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Styrene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Toluene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/13/09		R/J	SW8260
Trichloroethene	31	5.4	ug/Kg	01/13/09		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	01/13/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/13/09		R/J	SW8260
% Bromofluorobenzene	100		%	01/13/09		R/J	SW8260
% Dibromofluoromethane	94		%	01/13/09		R/J	SW8260
% Toluene-d8	103		%	01/13/09		R/J	SW8260

Client ID: WATERMARK B-7 (8-10) Phoenix I.D.: AR26967

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26968

Client ID: WATERMARK B-4 (6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-4 (6) Phoenix I.D.: AR26968

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	11	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	8800	280	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	101		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	102		%	01/10/09		R/J	SW8260
% Toluene-d8	108		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-4 (6) Phoenix I.D.: AR26968

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 2009

PHOENIX

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR26963
Phoenix I.D.: AR26969

Laboratory Data

Client ID: WATERMARK B-4 (2-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-4 (2-3) Phoenix I.D.: AR26969

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	5.9	5.6	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	420	28	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	94		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	107		%	01/10/09		R/J	SW8260
% Toluene-d8	96		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-4 (2-3) Phoenix I.D.: AR26969

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26970

Client ID: WATERMARK B-3 (0-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	87		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	14	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	29	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	29	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-3 (0-5) Phoenix I.D.: AR26970

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	110	5.7	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	16	5.7	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	20000	570	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	97		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	107		%	01/10/09		R/J	SW8260
% Toluene-d8	100		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-3 (0-5) Phoenix I.D.: AR26970

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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
January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26971

Client ID: WATERMARK B-2 (8-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	8.6	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	01/10/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/10/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/10/09		R/J	SW8260
Benzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260

Client ID: WATERMARK B-2 (8-10) Phoenix I.D.: AR26971

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Naphthalene	75	5.3	ug/Kg	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Styrene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Tetrachloroethene	320	130	ug/Kg	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/10/09		R/J	SW8260
Toluene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/10/09		R/J	SW8260
Trichloroethene	2400	530	ug/Kg	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	96		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	110		%	01/10/09		R/J	SW8260
% Toluene-d8	100		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-2 (8-10) Phoenix I.D.: AR26971

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26972

Client ID: WATERMARK B-2 (4-6)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/13/09		R/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/13/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/13/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/13/09		R/J	SW8260
Benzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260

Client ID: WATERMARK B-2 (4-6) Phoenix I.D.: AR26972

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	01/13/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Methylene chloride	ND	11	ug/Kg	01/13/09		R/J	SW8260
Naphthalene	12	5.6	ug/Kg	01/13/09		R/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
o-Xylene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Styrene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Toluene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/13/09		R/J	SW8260
Trichloroethene	230	28	ug/Kg	01/13/09		R/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/13/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/13/09		R/J	SW8260
% Bromofluorobenzene	97		%	01/13/09		R/J	SW8260
% Dibromofluoromethane	98		%	01/13/09		R/J	SW8260
% Toluene-d8	97		%	01/13/09		R/J	SW8260

Client ID: WATERMARK B-2 (4-6) Phoenix I.D.: AR26972

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

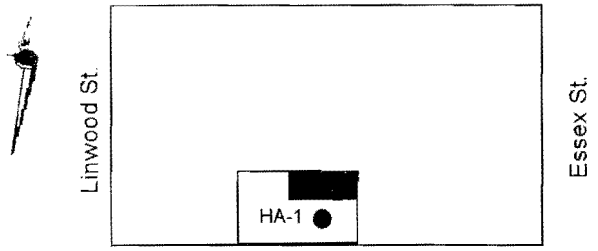
ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

January 19, 2009

P.W. GROSSER
CONSULTING, INC.

Boring # **HA-1** MW# Page 9 of 9
PROJECT: 491 Wortman Ave - Brooklyn, NY
JOB # WAT0801
LOGGED BY: DE PRJ. MNGR.: JE
DRILLING CONTRACTOR: AR Environmental
DRILL METHOD: Hand Auger
DRILLER: Angel
Borehole diameter/drill bit type: **Auger (1" diameter)**
total depth: **2'**
elevation: **NA**
HAMMER WT: NA DROP: NA
START TIME: 15:00 DATE: 11/17/2008
COMPLETION TIME: 15:08 DATE: 11/17/2008
BACKFILL TIME: 15:10 DATE: 11/17/2008
Casing depth: NA
Screen depth: NA



Wortman Ave

Approximate borehole locations at site

Sample Depth	Advance (ft)	Recovered (ft)	Soil Description Unified Soil Classification System	Notes
0-2'	2	2	0-2':2' Moist, poorly graded brown sand with silt. (SP-SM)	PID = 40.2 ppm.
				Soil sample collected from 0-2' at 15:08.

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26973

Client ID: WATERMARK B-1 (8-10)

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	01/09/09		M-JL	E160.3
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
2-Hexanone	ND	26	ug/Kg	01/13/09		R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
4-Methyl-2-pentanone	ND	26	ug/Kg	01/13/09		R/J	SW8260
Acetone	ND	110	ug/Kg	01/13/09		R/J	SW8260
Acrylonitrile	ND	11	ug/Kg	01/13/09		R/J	SW8260
Benzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260

Client ID: WATERMARK B-1 (8-10) Phoenix I.D.: AR26973

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Bromochloromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Bromodichloromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Bromoform	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Bromomethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Carbon Disulfide	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Carbon tetrachloride	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Chlorobenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Chloroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Chloroform	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Chloromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Dibromochloromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Dibromoethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Dibromomethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Ethylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Hexachlorobutadiene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Isopropylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
m&p-Xylene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	01/13/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Methylene chloride	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Naphthalene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
n-Butylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
n-Propylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
o-Xylene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
p-Isopropyltoluene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
sec-Butylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Styrene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
tert-Butylbenzene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Tetrachloroethene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/13/09		R/J	SW8260
Toluene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Total Xylenes	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/13/09		R/J	SW8260
Trichloroethene	9.6	5.3	ug/Kg	01/13/09		R/J	SW8260
Trichlorofluoromethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
Vinyl chloride	ND	5.3	ug/Kg	01/13/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/13/09		R/J	SW8260
% Bromofluorobenzene	104		%	01/13/09		R/J	SW8260
% Dibromofluoromethane	98		%	01/13/09		R/J	SW8260
% Toluene-d8	102		%	01/13/09		R/J	SW8260

Client ID: WATERMARK B-1 (8-10) Phoenix I.D.: AR26973

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26974

Client ID: WATERMARK B-2 (15)

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
2-Hexanone	ND	25	ug/L	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/10/09		R/J	SW8260
Acetone	ND	50	ug/L	01/10/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/10/09		R/J	SW8260
Benzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260

Client ID: WATERMARK B-2 (15) Phoenix I.D.: AR26974

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromoform	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromomethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloroform	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/L	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	01/10/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
Naphthalene	ND	5.0	ug/L	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
o-Xylene	ND	5.0	ug/L	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Styrene	ND	5.0	ug/L	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Tetrachloroethene	91	5.0	ug/L	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	54	10	ug/L	01/10/09		R/J	SW8260
Toluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	01/10/09		R/J	SW8260
Trichloroethene	54	5.0	ug/L	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	100		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	106		%	01/10/09		R/J	SW8260
% Toluene-d8	103		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-2 (15) Phoenix I.D.: AR26974

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 2009

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26975

Client ID: WATERMARK B-5 (15)

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloroethane	6.9	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloroethene	13	5.0	ug/L	01/10/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/L	01/10/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
2-Hexanone	ND	25	ug/L	01/10/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/10/09		R/J	SW8260
Acetone	ND	50	ug/L	01/10/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/10/09		R/J	SW8260
Benzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260

Client ID: WATERMARK B-5 (15) Phoenix I.D.: AR26975

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromoform	ND	5.0	ug/L	01/10/09		R/J	SW8260
Bromomethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	01/10/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloroform	ND	5.0	ug/L	01/10/09		R/J	SW8260
Chloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
cis-1,2-Dichloroethene	26	5.0	ug/L	01/10/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	01/10/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	01/10/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
Naphthalene	ND	5.0	ug/L	01/10/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
o-Xylene	ND	5.0	ug/L	01/10/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Styrene	ND	5.0	ug/L	01/10/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Tetrachloroethene	510	100	ug/L	01/10/09		R/J	SW8260
Tetrahydrofuran (THF)	56	10	ug/L	01/10/09		R/J	SW8260
Toluene	ND	5.0	ug/L	01/10/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	01/10/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	01/10/09		R/J	SW8260
Trichloroethene	5700	500	ug/L	01/10/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/L	01/10/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/L	01/10/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/10/09		R/J	SW8260
% Bromofluorobenzene	100		%	01/10/09		R/J	SW8260
% Dibromofluoromethane	102		%	01/10/09		R/J	SW8260
% Toluene-d8	84		%	01/10/09		R/J	SW8260

Client ID: WATERMARK B-5 (15) Phoenix I.D.: AR26975

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26976

Client ID: WATERMARK B-5 (25)

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
2-Hexanone	ND	25	ug/L	01/14/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/14/09		R/J	SW8260
Acetone	ND	50	ug/L	01/14/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/14/09		R/J	SW8260
Benzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260

Client ID: WATERMARK B-5 (25) Phoenix I.D.: AR26976

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromoform	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromomethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	01/14/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloroform	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	01/14/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	01/14/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
Naphthalene	ND	5.0	ug/L	01/14/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
o-Xylene	ND	5.0	ug/L	01/14/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Styrene	ND	5.0	ug/L	01/14/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Tetrachloroethene	97	5.0	ug/L	01/14/09		R/J	SW8260
Tetrahydrofuran (THF)	16	10	ug/L	01/14/09		R/J	SW8260
Toluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	01/14/09		R/J	SW8260
Trichloroethene	36	5.0	ug/L	01/14/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/14/09		R/J	SW8260
% Bromofluorobenzene	96		%	01/14/09		R/J	SW8260
% Dibromofluoromethane	107		%	01/14/09		R/J	SW8260
% Toluene-d8	95		%	01/14/09		R/J	SW8260

Client ID: WATERMARK B-5 (25) Phoenix I.D.: AR26976

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 2009

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

NY # 11301

Analysis Report

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26977

Client ID: WATERMARK B-5 (35)

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/L	01/14/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
2-Hexanone	ND	25	ug/L	01/14/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/14/09		R/J	SW8260
Acetone	ND	50	ug/L	01/14/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/14/09		R/J	SW8260
Benzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260

Client ID: WATERMARK B-5 (35) Phoenix I.D.: AR26977

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromoform	ND	5.0	ug/L	01/14/09		R/J	SW8260
Bromomethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	01/14/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloroform	ND	5.0	ug/L	01/14/09		R/J	SW8260
Chloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	01/14/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	01/14/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
Naphthalene	ND	5.0	ug/L	01/14/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
o-Xylene	ND	5.0	ug/L	01/14/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Styrene	ND	5.0	ug/L	01/14/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Tetrachloroethene	26	5.0	ug/L	01/14/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/L	01/14/09		R/J	SW8260
Toluene	ND	5.0	ug/L	01/14/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	01/14/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	01/14/09		R/J	SW8260
Trichloroethene	14	5.0	ug/L	01/14/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/L	01/14/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/L	01/14/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/14/09		R/J	SW8260
% Bromofluorobenzene	95		%	01/14/09		R/J	SW8260
% Dibromofluoromethane	104		%	01/14/09		R/J	SW8260
% Toluene-d8	97		%	01/14/09		R/J	SW8260

Client ID: WATERMARK B-5 (35) Phoenix I.D.: AR26977

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

January 19, 2009

FOR: Attn: Mr. Dave Lorthioir
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	DL	01/08/09	0:00
Location Code:	ENVIROTR	Received by:	LB	01/09/09	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR26963
Phoenix I.D.: AR26978

Client ID: WATERMARK B-5 (45)

Parameter	Result	RL	Units	Date	Time	By	Reference
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/L	01/11/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/L	01/11/09		R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/L	01/11/09		R/J	SW8260
2-Hexanone	ND	25	ug/L	01/11/09		R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/L	01/11/09		R/J	SW8260
4-Chlorotoluene	ND	5.0	ug/L	01/11/09		R/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/L	01/11/09		R/J	SW8260
Acetone	ND	50	ug/L	01/11/09		R/J	SW8260
Acrylonitrile	ND	10	ug/L	01/11/09		R/J	SW8260
Benzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Bromobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260

Client ID: WATERMARK B-5 (45) Phoenix I.D.: AR26978

Parameter	Result	RL	Units	Date	Time	By	Reference
Bromochloromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Bromodichloromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Bromoform	ND	5.0	ug/L	01/11/09		R/J	SW8260
Bromomethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Carbon Disulfide	ND	5.0	ug/L	01/11/09		R/J	SW8260
Carbon tetrachloride	ND	5.0	ug/L	01/11/09		R/J	SW8260
Chlorobenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Chloroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Chloroform	ND	5.0	ug/L	01/11/09		R/J	SW8260
Chloromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/L	01/11/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Dibromochloromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Dibromoethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Dibromomethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Ethylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Isopropylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
m&p-Xylene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Methyl Ethyl Ketone	ND	60	ug/L	01/11/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/L	01/11/09		R/J	SW8260
Methylene chloride	ND	5.0	ug/L	01/11/09		R/J	SW8260
Naphthalene	ND	5.0	ug/L	01/11/09		R/J	SW8260
n-Butylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
n-Propylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
o-Xylene	ND	5.0	ug/L	01/11/09		R/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/L	01/11/09		R/J	SW8260
sec-Butylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Styrene	ND	5.0	ug/L	01/11/09		R/J	SW8260
tert-Butylbenzene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Tetrachloroethene	38	5.0	ug/L	01/11/09		R/J	SW8260
Tetrahydrofuran (THF)	19	10	ug/L	01/11/09		R/J	SW8260
Toluene	ND	5.0	ug/L	01/11/09		R/J	SW8260
Total Xylenes	ND	5.0	ug/L	01/11/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/L	01/11/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/L	01/11/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/L	01/11/09		R/J	SW8260
Trichloroethene	18	5.0	ug/L	01/11/09		R/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/L	01/11/09		R/J	SW8260
Vinyl chloride	ND	5.0	ug/L	01/11/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/11/09		R/J	SW8260
% Bromofluorobenzene	101		%	01/11/09		R/J	SW8260
% Dibromofluoromethane	99		%	01/11/09		R/J	SW8260
% Toluene-d8	103		%	01/11/09		R/J	SW8260

Client ID: WATERMARK B-5 (45) Phoenix I.D.: AR26978

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

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

January 19, 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

QA/QC Report

January 19, 2009

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 118963, QC Sample No: AR25393 (AR26967, AR26972, AR26973)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	112	105	6.5	112	104	7.4
1,1,1-Trichloroethane	ND	115	109	5.4	119	107	10.6
1,1,2,2-Tetrachloroethane	ND	109	99	9.6	105	104	1.0
1,1,2-Trichloroethane	ND	115	102	12.0	114	102	11.1
1,1-Dichloroethane	ND	115	106	8.1	120	104	14.3
1,1-Dichloroethene	ND	105	101	3.9	121	104	15.1
1,1-Dichloropropene	ND	102	95	7.1	107	96	10.8
1,2,3-Trichlorobenzene	ND	122	104	15.9	92	92	0.0
1,2,3-Trichloropropane	ND	114	106	7.3	99	98	1.0
1,2,4-Trichlorobenzene	ND	112	94	17.5	88	85	3.5
1,2,4-Trimethylbenzene	ND	106	99	6.8	95	83	13.5
1,2-Dibromo-3-chloropropane	ND	>130	120	NC	119	117	1.7
1,2-Dichlorobenzene	ND	107	96	10.8	101	90	11.5
1,2-Dichloroethane	ND	117	100	15.7	116	103	11.9
1,2-Dichloropropane	ND	114	103	10.1	115	103	11.0
1,3,5-Trimethylbenzene	ND	105	99	5.9	103	92	11.3
1,3-Dichlorobenzene	ND	104	93	11.2	96	87	9.8
1,3-Dichloropropane	ND	114	102	11.1	114	104	9.2
1,4-Dichlorobenzene	ND	102	91	11.4	96	87	9.8
2,2-Dichloropropane	ND	114	107	6.3	115	101	13.0
2-Chlorotoluene	ND	102	95	7.1	101	90	11.5
2-Hexanone	ND	102	100	2.0	85	84	1.2
2-Isopropyltoluene	ND	107	100	6.8	104	93	11.2
4-Chlorotoluene	ND	101	93	8.2	92	84	9.1
4-Methyl-2-pentanone	ND	120	103	15.2	111	102	8.5
Acetone	ND	85	83	2.4	85	70	19.4
Acrolein	ND	93	104	11.2	64	104	47.6
Acrylonitrile	ND	118	102	14.5	108	94	13.9
Benzene	ND	109	99	9.6	112	100	11.3
Bromobenzene	ND	103	97	6.0	100	93	7.3
Bromochloromethane	ND	109	96	12.7	115	100	14.0
Bromodichloromethane	ND	123	109	12.1	119	106	11.6
Bromoform	ND	130	115	12.2	129	123	4.8
Bromomethane	ND	93	92	1.1	120	103	15.2
Carbon Disulfide	ND	75	74	1.3	114	98	15.1
Carbon tetrachloride	ND	115	105	9.1	117	105	10.8
Chlorobenzene	ND	107	97	9.8	106	94	12.0
Chloroethane	ND	108	101	6.7	129	106	19.6

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloroform	ND	115	106	8.1	120	105	13.3
Chloromethane	ND	99	106	6.8	123	105	15.8
cis-1,2-Dichloroethene	ND	113	103	9.3	118	103	13.6
cis-1,3-Dichloropropene	ND	110	96	13.6	114	99	14.1
Dibromochloromethane	ND	118	107	9.8	119	109	8.8
Dibromoethane	ND	113	98	14.2	114	103	10.1
Dibromomethane	ND	111	97	13.5	112	101	10.3
Dichlorodifluoromethane	ND	98	120	20.2	132	112	16.4
Ethylbenzene	ND	107	96	10.8	108	94	13.9
Hexachlorobutadiene	ND	104	96	8.0	98	89	9.6
Isopropylbenzene	ND	99	98	1.0	104	95	9.0
m&p-Xylene	ND	110	101	8.5	105	91	14.3
Methyl ethyl ketone	ND	99	96	3.1	92	87	5.6
Methyl t-butyl ether (MTBE)	ND	117	101	14.7	117	106	9.9
Methylene chloride	ND	108	96	11.8	117	104	11.8
Naphthalene	ND	>130	120	NC	97	113	15.2
n-Butylbenzene	ND	107	97	9.8	95	85	11.1
n-Propylbenzene	ND	104	99	4.9	97	89	8.6
o-Xylene	ND	109	96	12.7	110	96	13.6
p-Isopropyltoluene	ND	107	100	6.8	90	79	13.0
sec-Butylbenzene	ND	104	100	3.9	101	92	9.3
Styrene	ND	110	100	9.5	109	94	14.8
tert-Butylbenzene	ND	103	101	2.0	104	93	11.2
Tetrachloroethene	ND	98	92	6.3	101	91	10.4
Tetrahydrofuran (THF)	ND	113	98	14.2	113	102	10.2
Toluene	ND	107	98	8.8	109	96	12.7
trans-1,2-Dichloroethene	ND	108	98	9.7	117	104	11.8
trans-1,3-Dichloropropene	ND	115	98	16.0	112	100	11.3
trans-1,4-dichloro-2-butene	ND	116	102	12.8	110	103	6.6
Trichloroethene	ND	101	95	6.1	106	94	12.0
Trichlorofluoromethane	ND	113	111	1.8	122	104	15.9
Trichlorotrifluoroethane	ND	108	108	0.0	118	103	13.6
Vinyl chloride	ND	98	103	5.0	122	103	16.9
% 1,2-dichlorobenzene-d4	103	101	100	1.0	102	101	1.0
% Bromofluorobenzene	101	106	103	2.9	107	103	3.8
% Dibromofluoromethane	94	98	100	2.0	107	105	1.9
% Toluene-d8	102	104	101	2.9	104	101	2.9

QA/QC Batch 118801, QC Sample No: AR26225 (AR26964, AR26965, AR26968, AR26969, AR26970, AR26971)

Volatiles

1,1,1,2-Tetrachloroethane	ND	90	84	6.9	98	90	8.5
1,1,1-Trichloroethane	ND	95	86	9.9	102	93	9.2
1,1,2,2-Tetrachloroethane	ND	115	113	1.8	135	133	1.5
1,1,2-Trichloroethane	ND	93	88	5.5	91	90	1.1
1,1-Dichloroethane	ND	95	85	11.1	99	89	10.6
1,1-Dichloroethene	ND	80	78	2.5	91	87	4.5
1,1-Dichloropropene	ND	89	79	11.9	96	88	8.7
1,2,3-Trichlorobenzene	ND	81	81	0.0	73	71	2.8
1,2,3-Trichloropropane	ND	91	90	1.1	84	81	3.6

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,2,4-Trichlorobenzene	ND	76	77	1.3	74	68	8.5
1,2,4-Trimethylbenzene	ND	90	82	9.3	92	82	11.5
1,2-Dibromo-3-chloropropane	ND	93	100	7.3	91	99	8.4
1,2-Dichlorobenzene	ND	86	80	7.2	82	77	6.3
1,2-Dichloroethane	ND	89	87	2.3	88	86	2.3
1,2-Dichloropropane	ND	95	86	9.9	96	90	6.5
1,3,5-Trimethylbenzene	ND	89	82	8.2	93	84	10.2
1,3-Dichlorobenzene	ND	85	81	4.8	84	77	8.7
1,3-Dichloropropane	ND	91	88	3.4	89	87	2.3
1,4-Dichlorobenzene	ND	81	78	3.8	79	73	7.9
2,2-Dichloropropane	ND	90	86	4.5	96	90	6.5
2-Chlorotoluene	ND	87	79	9.6	91	81	11.6
2-Hexanone	ND	91	100	9.4	49	65	28.1
2-Isopropyltoluene	ND	93	83	11.4	95	87	8.8
4-Chlorotoluene	ND	89	82	8.2	86	79	8.5
4-Methyl-2-pentanone	ND	90	95	5.4	74	86	15.0
Acetone	ND	97	100	3.0	61	65	6.3
Acrolein	ND	84	90	6.9	83	88	5.8
Acrylonitrile	ND	92	92	0.0	84	86	2.4
Benzene	ND	91	82	10.4	95	88	7.7
Bromobenzene	ND	88	83	5.8	85	80	6.1
Bromochloromethane	ND	98	86	13.0	101	85	17.2
Bromodichloromethane	ND	95	90	5.4	96	89	7.6
Bromoform	ND	84	86	2.4	91	88	3.4
Bromomethane	ND	89	<70	NC	96	63	41.5
Carbon Disulfide	ND	<70	<70	NC	79	75	5.2
Carbon tetrachloride	ND	86	79	8.5	101	93	8.2
Chlorobenzene	ND	90	83	8.1	91	83	9.2
Chloroethane	ND	82	71	14.4	91	82	10.4
Chloroform	ND	94	85	10.1	99	89	10.6
Chloromethane	ND	86	<70	NC	88	71	21.4
cis-1,2-Dichloroethene	ND	96	86	11.0	98	88	10.8
cis-1,3-Dichloropropene	ND	90	89	1.1	89	90	1.1
Dibromochloromethane	ND	86	83	3.6	94	91	3.2
Dibromoethane	ND	87	93	6.7	85	90	5.7
Dibromomethane	ND	87	86	1.2	88	87	1.1
Dichlorodifluoromethane	ND	75	<70	NC	76	68	11.1
Ethylbenzene	ND	94	83	12.4	97	86	12.0
Hexachlorobutadiene	ND	84	76	10.0	80	77	3.8
Isopropylbenzene	ND	88	80	9.5	97	89	8.6
m&p-Xylene	ND	95	84	12.3	98	87	11.9
Methyl ethyl ketone	ND	96	108	11.8	66	75	12.8
Methyl t-butyl ether (MTBE)	ND	83	97	15.6	84	96	13.3
Methylene chloride	ND	74	76	2.7	82	80	2.5
Naphthalene	ND	91	104	13.3	73	94	25.1
n-Butylbenzene	ND	84	77	8.7	86	78	9.8
n-Propylbenzene	ND	91	82	10.4	93	83	11.4
o-Xylene	ND	94	84	11.2	98	88	10.8
p-Isopropyltoluene	ND	90	82	9.3	92	83	10.3

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
sec-Butylbenzene	ND	89	79	11.9	94	86	8.9	
Styrene	ND	93	86	7.8	92	86	6.7	
tert-Butylbenzene	ND	92	83	10.3	97	90	7.5	
Tetrachloroethene	ND	86	76	12.3	94	85	10.1	
Tetrahydrofuran (THF)	ND	86	97	12.0	83	89	7.0	
Toluene	ND	93	83	11.4	96	88	8.7	
trans-1,2-Dichloroethene	ND	81	86	6.0	88	87	1.1	
trans-1,3-Dichloropropene	ND	89	94	5.5	84	89	5.8	
trans-1,4-dichloro-2-butene	ND	78	103	27.6	70	90	25.0	
Trichloroethene	ND	87	79	9.6	124	100	21.4	
Trichlorofluoromethane	ND	86	78	9.8	95	87	8.8	
Trichlorotrifluoroethane	ND	80	77	3.8	97	90	7.5	
Vinyl chloride	ND	81	72	11.8	87	78	10.9	
% 1,2-dichlorobenzene-d4	97	99	98	1.0	99	98	1.0	
% Bromofluorobenzene	96	101	102	1.0	101	103	2.0	
% Dibromofluoromethane	99	103	103	0.0	102	104	1.9	
% Toluene-d8	98	100	100	0.0	100	100	0.0	
QA/QC Batch 118906, QC Sample No: AR26954 (AR26974, AR26975, AR26978)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	114	124	8.4	124	157	23.5	3
1,1,1-Trichloroethane	ND	113	118	4.3	121	149	20.7	3
1,1,2,2-Tetrachloroethane	ND	99	108	8.7	112	150	29.0	3
1,1,2-Trichloroethane	ND	112	114	1.8	117	153	26.7	3
1,1-Dichloroethane	ND	110	114	3.6	120	146	19.5	3
1,1-Dichloroethene	ND	108	114	5.4	121	148	20.1	3
1,1-Dichloropropene	ND	102	106	3.8	108	136	23.0	3
1,2,3-Trichlorobenzene	ND	111	114	2.7	91	130	35.3	
1,2,3-Trichloropropane	ND	109	119	8.8	105	137	26.4	3
1,2,4-Trichlorobenzene	ND	99	99	0.0	89	111	22.0	
1,2,4-Trimethylbenzene	ND	102	107	4.8	105	131	22.0	
1,2-Dibromo-3-chloropropane	ND	>130	>130	NC	117	188	46.6	3
1,2-Dichlorobenzene	ND	101	103	2.0	103	134	26.2	3
1,2-Dichloroethane	ND	115	115	0.0	117	153	26.7	3
1,2-Dichloropropane	ND	112	115	2.6	116	149	24.9	3
1,3,5-Trimethylbenzene	ND	102	107	4.8	106	130	20.3	
1,3-Dichlorobenzene	ND	98	101	3.0	100	122	19.8	
1,3-Dichloropropane	ND	107	115	7.2	119	149	22.4	3
1,4-Dichlorobenzene	ND	96	100	4.1	101	122	18.8	
2,2-Dichloropropane	ND	104	108	3.8	107	132	20.9	
2-Chlorotoluene	ND	99	105	5.9	105	129	20.5	
2-Hexanone	ND	105	106	0.9	84	119	34.5	
2-Isopropyltoluene	ND	102	106	3.8	107	131	20.2	
4-Chlorotoluene	ND	95	105	10.0	102	124	19.5	
4-Methyl-2-pentanone	ND	114	118	3.4	117	161	31.7	
Acetone	ND	109	98	10.6	64	89	32.7	
Acrolein	ND	96	128	28.6	83	121	37.3	
Acrylonitrile	ND	114	112	1.8	113	152	29.4	
Benzene	ND	108	110	1.8	112	144	25.0	3

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
Bromobenzene	ND	101	106	4.8	107	131	20.2	3
Bromochloromethane	ND	106	108	1.9	114	146	24.6	3
Bromodichloromethane	ND	121	127	4.8	121	158	26.5	3
Bromoform	ND	>130	>130	NC	136	194	35.2	3
Bromomethane	ND	107	109	1.9	114	146	24.6	
Carbon Disulfide	ND	84	89	5.8	105	127	19.0	
Carbon tetrachloride	ND	114	120	5.1	117	152	26.0	3
Chlorobenzene	ND	104	111	6.5	113	142	22.7	3
Chloroethane	ND	112	107	4.6	128	157	20.4	3
Chloroform	ND	110	114	3.6	121	150	21.4	3
Chloromethane	ND	101	102	1.0	109	130	17.6	
cis-1,2-Dichloroethene	ND	107	114	6.3	84	282	108.2	3
cis-1,3-Dichloropropene	ND	106	105	0.9	107	141	27.4	3
Dibromochloromethane	ND	119	128	7.3	128	171	28.8	3
Dibromoethane	ND	114	112	1.8	114	154	29.9	
Dibromomethane	ND	107	109	1.9	114	149	26.6	3
Dichlorodifluoromethane	ND	93	97	4.2	103	123	17.7	
Ethylbenzene	ND	105	111	5.6	113	143	23.4	3
Hexachlorobutadiene	ND	101	104	2.9	100	118	16.5	
Isopropylbenzene	ND	96	105	9.0	109	130	17.6	
m&p-Xylene	ND	107	113	5.5	115	144	22.4	3
Methyl ethyl ketone	ND	108	97	10.7	71	103	36.8	
Methyl t-butyl ether (MTBE)	ND	118	119	0.8	118	159	29.6	3
Methylene chloride	ND	107	111	3.7	115	140	19.6	3
Naphthalene	ND	118	130	9.7	102	150	38.1	3
n-Butylbenzene	ND	100	105	4.9	102	122	17.9	
n-Propylbenzene	ND	102	104	1.9	103	124	18.5	
o-Xylene	ND	106	111	4.6	112	144	25.0	3
p-Isopropyltoluene	ND	103	108	4.7	103	127	20.9	
sec-Butylbenzene	ND	102	108	5.7	107	131	20.2	3
Styrene	ND	108	112	3.6	113	146	25.5	3
tert-Butylbenzene	ND	102	110	7.5	110	133	18.9	3
Tetrachloroethene	ND	98	105	6.9	94	166	55.4	3
Tetrahydrofuran (THF)	ND	106	109	2.8	110	154	33.3	
Toluene	ND	108	111	2.7	113	148	26.8	3
trans-1,2-Dichloroethene	ND	109	115	5.4	121	143	16.7	3
trans-1,3-Dichloropropene	ND	110	106	3.7	105	147	33.3	3
trans-1,4-dichloro-2-butene	ND	107	106	0.9	95	137	36.2	
Trichloroethene	ND	105	107	1.9	103	161	43.9	3
Trichlorofluoromethane	ND	116	121	4.2	125	150	18.2	
Trichlorotrifluoroethane	ND	110	115	4.4	125	153	20.1	
Vinyl chloride	ND	99	100	1.0	108	151	33.2	3
% 1,2-dichlorobenzene-d4	99	98	100	2.0	99	104	4.9	
% Bromofluorobenzene	98	104	105	1.0	107	110	2.8	
% Dibromofluoromethane	100	103	102	1.0	99	94	5.2	
% Toluene-d8	101	103	103	0.0	100	103	3.0	

Comment:

Due to poor instrument purge, the MSD is not reported for this batch.

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
QA/QC Batch 119120, QC Sample No: AR26969 (AR26969)								
Volatiles								
1,1,1,2-Tetrachloroethane	ND	96	104	8.0	93	90	3.3	
1,1,1-Trichloroethane	ND	103	115	11.0	105	105	0.0	
1,1,2,2-Tetrachloroethane	ND	>130	>130	NC	>150	145	NC	3
1,1,2-Trichloroethane	ND	100	105	4.9	102	90	12.5	
1,1-Dichloroethane	ND	102	115	12.0	102	102	0.0	
1,1-Dichloroethene	ND	103	110	6.6	107	100	6.8	
1,1-Dichloropropene	ND	92	101	9.3	102	98	4.0	
1,2,3-Trichlorobenzene	ND	73	80	9.2	57	53	7.3	3
1,2,3-Trichloropropane	ND	93	97	4.2	92	84	9.1	
1,2,4-Trichlorobenzene	ND	<70	<70	NC	56	54	3.6	3
1,2,4-Trimethylbenzene	ND	81	89	9.4	90	87	3.4	
1,2-Dibromo-3-chloropropane	ND	105	106	0.9	97	84	14.4	
1,2-Dichlorobenzene	ND	81	87	7.1	77	71	8.1	
1,2-Dichloroethane	ND	99	105	5.9	103	91	12.4	
1,2-Dichloropropane	ND	97	110	12.6	103	96	7.0	
1,3,5-Trimethylbenzene	ND	84	91	8.0	92	91	1.1	
1,3-Dichlorobenzene	ND	77	83	7.5	76	73	4.0	
1,3-Dichloropropane	ND	97	102	5.0	97	88	9.7	
1,4-Dichlorobenzene	ND	76	81	6.4	74	70	5.6	
2,2-Dichloropropane	ND	94	101	7.2	104	102	1.9	
2-Chlorotoluene	ND	82	90	9.3	89	85	4.6	
2-Hexanone	ND	83	72	14.2	69	54	24.4	
2-Isopropyltoluene	ND	84	94	11.2	93	89	4.4	
4-Chlorotoluene	ND	82	86	4.8	84	81	3.6	
4-Methyl-2-pentanone	ND	98	95	3.1	95	76	22.2	
Acetone	ND	92	98	6.3	60	56	6.9	
Acrolein	ND	112	104	7.4	102	87	15.9	
Acrylonitrile	ND	109	112	2.7	96	89	7.6	
Benzene	ND	96	106	9.9	102	96	6.1	
Bromobenzene	ND	84	94	11.2	86	80	7.2	
Bromochloromethane	ND	101	117	14.7	98	102	4.0	
Bromodichloromethane	ND	98	106	7.8	101	93	8.2	
Bromoform	ND	103	104	1.0	89	84	5.8	
Bromomethane	ND	95	126	28.1	86	119	32.2	
Carbon Disulfide	ND	103	106	2.9	100	96	4.1	
Carbon tetrachloride	ND	98	109	10.6	105	101	3.9	
Chlorobenzene	ND	90	97	7.5	87	84	3.5	
Chloroethane	ND	103	112	8.4	103	106	2.9	
Chloroform	ND	100	113	12.2	101	101	0.0	
Chloromethane	ND	99	124	22.4	97	112	14.4	
cis-1,2-Dichloroethene	ND	99	112	12.3	102	101	1.0	
cis-1,3-Dichloropropene	ND	97	101	4.0	104	91	13.3	
Dibromochloromethane	ND	96	104	8.0	94	88	6.6	
Dibromoethane	ND	102	102	0.0	102	86	17.0	
Dibromomethane	ND	100	104	3.9	102	91	11.4	
Dichlorodifluoromethane	ND	104	113	8.3	111	112	0.9	

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Ethylbenzene	ND	90	99	9.5	92	92	0.0
Hexachlorobutadiene	ND	74	81	9.0	75	73	2.7
Isopropylbenzene	ND	86	95	9.9	96	93	3.2
m&p-Xylene	ND	90	97	7.5	93	92	1.1
Methyl ethyl ketone	ND	99	88	11.8	83	66	22.8
Methyl t-butyl ether (MTBE)	ND	109	101	7.6	113	86	27.1
Methylene chloride	ND	99	100	1.0	92	81	12.7
Naphthalene	ND	87	100	13.9	66	65	1.5
n-Butylbenzene	ND	75	79	5.2	79	76	3.9
n-Propylbenzene	ND	81	90	10.5	92	86	6.7
o-Xylene	ND	92	99	7.3	92	90	2.2
p-Isopropyltoluene	ND	78	86	9.8	88	85	3.5
sec-Butylbenzene	ND	83	91	9.2	92	89	3.3
Styrene	ND	92	100	8.3	88	86	2.3
tert-Butylbenzene	ND	87	98	11.9	97	93	4.2
Tetrachloroethene	ND	86	92	6.7	96	94	2.1
Tetrahydrofuran (THF)	ND	113	104	8.3	106	85	22.0
Toluene	ND	93	103	10.2	98	93	5.2
trans-1,2-Dichloroethene	ND	108	104	3.8	108	94	13.9
trans-1,3-Dichloropropene	ND	102	100	2.0	105	87	18.8
trans-1,4-dichloro-2-butene	ND	104	83	22.5	110	76	36.6
Trichloroethene	ND	>130	119	NC	*NC	*NC	NC
Trichlorofluoromethane	ND	106	116	9.0	106	108	1.9
Trichlorotrifluoroethane	ND	105	106	0.9	108	103	4.7
Vinyl chloride	ND	103	116	11.9	107	107	0.0
% 1,2-dichlorobenzene-d4	102	99	102	3.0	101	99	2.0
% Bromofluorobenzene	97	103	101	2.0	99	99	0.0
% Dibromofluoromethane	105	110	106	3.7	103	106	2.9
% Toluene-d8	99	110	106	3.7	103	101	2.0

QA/QC Batch 118923, QC Sample No: AR27219 (ar26963, AR26964, AR26965, ar26966, ar26968, ar26969, ar26970, ar26971)

Volatiles

1,1,1,2-Tetrachloroethane	ND	108	104	3.8	107	114	6.3
1,1,1-Trichloroethane	ND	103	98	5.0	112	117	4.4
1,1,2,2-Tetrachloroethane	ND	98	95	3.1	112	113	0.9
1,1,2-Trichloroethane	ND	101	101	0.0	113	113	0.0
1,1-Dichloroethane	ND	99	97	2.0	110	114	3.6
1,1-Dichloroethene	ND	90	86	4.5	99	101	2.0
1,1-Dichloropropene	ND	85	85	0.0	102	109	6.6
1,2,3-Trichlorobenzene	ND	107	105	1.9	122	118	3.3
1,2,3-Trichloropropane	ND	105	100	4.9	104	109	4.7
1,2,4-Trichlorobenzene	ND	102	98	4.0	113	114	0.9
1,2,4-Trimethylbenzene	ND	98	93	5.2	108	112	3.6
1,2-Dibromo-3-chloropropane	ND	118	127	7.3	132	128	3.1
1,2-Dichlorobenzene	ND	94	92	2.2	106	108	1.9
1,2-Dichloroethane	ND	97	99	2.0	112	112	0.0
1,2-Dichloropropane	ND	100	100	0.0	114	114	0.0
1,3,5-Trimethylbenzene	ND	96	92	4.3	106	110	3.7
1,3-Dichlorobenzene	ND	94	92	2.2	105	107	1.9

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,3-Dichloropropane	ND	99	96	3.1	111	113	1.8
1,4-Dichlorobenzene	ND	94	89	5.5	105	108	2.8
2,2-Dichloropropane	ND	105	103	1.9	113	115	1.8
2-Chlorotoluene	ND	92	88	4.4	106	109	2.8
2-Hexanone	ND	116	119	2.6	103	100	3.0
2-Isopropyltoluene	ND	96	92	4.3	106	110	3.7
4-Chlorotoluene	ND	95	89	6.5	102	107	4.8
4-Methyl-2-pentanone	ND	106	113	6.4	120	114	5.1
Acetone	ND	101	118	15.5	81	74	9.0
Acrolein	ND	111	84	27.7	91	114	22.4
Acrylonitrile	ND	102	104	1.9	115	109	5.4
Benzene	ND	95	93	2.1	109	111	1.8
Bromobenzene	ND	93	90	3.3	106	109	2.8
Bromochloromethane	ND	95	95	0.0	109	109	0.0
Bromodichloromethane	ND	110	110	0.0	115	114	0.9
Bromoform	ND	126	130	3.1	122	119	2.5
Bromomethane	ND	73	80	9.2	96	88	8.7
Carbon Disulfide	ND	<70	<70	NC	86	88	2.3
Carbon tetrachloride	ND	101	100	1.0	109	113	3.6
Chlorobenzene	ND	97	94	3.1	109	111	1.8
Chloroethane	ND	86	87	1.2	100	101	1.0
Chloroform	ND	102	99	3.0	113	114	0.9
Chloromethane	ND	76	75	1.3	87	91	4.5
cis-1,2-Dichloroethene	ND	99	96	3.1	112	113	0.9
cis-1,3-Dichloropropene	ND	101	100	1.0	114	113	0.9
Dibromochloromethane	ND	113	109	3.6	111	117	5.3
Dibromoethane	ND	101	101	0.0	113	111	1.8
Dibromomethane	ND	94	96	2.1	112	109	2.7
Dichlorodifluoromethane	ND	<70	<70	NC	72	76	5.4
Ethylbenzene	ND	96	94	2.1	107	110	2.8
Hexachlorobutadiene	ND	96	92	4.3	105	109	3.7
Isopropylbenzene	ND	93	86	7.8	105	113	7.3
m&p-Xylene	ND	100	97	3.0	110	113	2.7
Methyl ethyl ketone	ND	112	119	6.1	101	92	9.3
Methyl t-butyl ether (MTBE)	ND	102	103	1.0	111	107	3.7
Methylene chloride	ND	94	92	2.2	96	102	6.1
Naphthalene	ND	118	111	6.1	132	136	3.0
n-Butylbenzene	ND	100	93	7.3	106	112	5.5
n-Propylbenzene	ND	96	89	7.6	105	109	3.7
o-Xylene	ND	97	96	1.0	109	110	0.9
p-Isopropyltoluene	ND	100	93	7.3	104	112	7.4
sec-Butylbenzene	ND	96	90	6.5	106	112	5.5
Styrene	ND	98	99	1.0	111	112	0.9
tert-Butylbenzene	ND	96	89	7.6	105	113	7.3
Tetrachloroethene	ND	90	84	6.9	101	107	5.8
Tetrahydrofuran (THF)	ND	96	100	4.1	110	107	2.8
Toluene	ND	95	95	0.0	109	111	1.8
trans-1,2-Dichloroethene	ND	94	91	3.2	102	104	1.9
trans-1,3-Dichloropropene	ND	104	106	1.9	115	113	1.8

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
trans-1,4-dichloro-2-butene	ND	117	121	3.4	118	114	3.4
Trichloroethene	ND	90	87	3.4	105	107	1.9
Trichlorofluoromethane	ND	92	91	1.1	97	100	3.0
Trichlorotrifluoroethane	ND	91	90	1.1	103	106	2.9
Vinyl chloride	ND	75	74	1.3	88	93	5.5
% 1,2-dichlorobenzene-d4	102	100	99	1.0	101	101	0.0
% Bromofluorobenzene	100	103	108	4.7	107	104	2.8
% Dibromofluoromethane	94	103	96	7.0	96	101	5.1
% Toluene-d8	101	103	96	7.0	104	101	2.9
QA/QC Batch 119125, QC Sample No: AR27411 (AR26975)							
Volatiles							
1,1,1,2-Tetrachloroethane	ND	>130	109	NC	108		
1,1,1-Trichloroethane	ND	111	94	16.6	97		
1,1,2,2-Tetrachloroethane	ND	96	85	12.2	101		
1,1,2-Trichloroethane	ND	113	96	16.3	108		
1,1-Dichloroethane	ND	113	96	16.3	101		
1,1-Dichloroethene	ND	101	86	16.0	85		
1,1-Dichloropropene	ND	112	95	16.4	100		
1,2,3-Trichlorobenzene	ND	112	109	2.7	122		
1,2,3-Trichloropropane	ND	103	89	14.6	105		
1,2,4-Trichlorobenzene	ND	106	98	7.8	114		
1,2,4-Trimethylbenzene	ND	99	88	11.8	96		
1,2-Dibromo-3-chloropropane	ND	>130	>130	NC	133		
1,2-Dichlorobenzene	ND	103	93	10.2	103		
1,2-Dichloroethane	ND	105	92	13.2	101		
1,2-Dichloropropane	ND	118	101	15.5	110		
1,3,5-Trimethylbenzene	ND	97	87	10.9	94		
1,3-Dichlorobenzene	ND	102	92	10.3	101		
1,3-Dichloropropane	ND	112	97	14.4	105		
1,4-Dichlorobenzene	ND	102	91	11.4	103		
2,2-Dichloropropane	ND	114	97	16.1	98		
2-Chlorotoluene	ND	102	89	13.6	99		
2-Hexanone	ND	>130	108	NC	89		
2-Isopropyltoluene	ND	103	90	13.5	97		
4-Chlorotoluene	ND	102	89	13.6	97		
4-Methyl-2-pentanone	ND	118	103	13.6	117		
Acetone	ND	90	82	9.3	44		
Acrolein	ND	98	72	30.6	80		
Acrylonitrile	ND	115	102	12.0	118		
Benzene	ND	112	95	16.4	99		
Bromobenzene	ND	106	93	13.1	102		
Bromochloromethane	ND	114	101	12.1	111		
Bromodichloromethane	ND	115	100	14.0	99		
Bromoform	ND	>130	>130	NC	124		
Bromomethane	ND	99	94	5.2	92		
Carbon Disulfide	ND	94	81	14.9	80		
Carbon tetrachloride	ND	122	105	15.0	102		
Chlorobenzene	ND	115	99	15.0	107		

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
Chloroethane	ND	104	92	12.2	90		
Chloroform	ND	104	88	16.7	98		
Chloromethane	ND	>130	121	NC	104		
cis-1,2-Dichloroethene	ND	114	98	15.1	104		
cis-1,3-Dichloropropene	ND	113	99	13.2	105		
Dibromochloromethane	ND	>130	112	NC	111		
Dibromoethane	ND	116	101	13.8	112		
Dibromomethane	ND	109	96	12.7	106		
Dichlorodifluoromethane	ND	>130	123	NC	87		
Ethylbenzene	ND	111	96	14.5	102		
Hexachlorobutadiene	ND	100	89	11.6	100		
Isopropylbenzene	ND	101	86	16.0	98		
m&p-Xylene	ND	113	98	14.2	104		
Methyl ethyl ketone	ND	>130	103	NC	76		
Methyl t-butyl ether (MTBE)	ND	100	87	13.9	94		
Methylene chloride	ND	91	80	12.9	80		
Naphthalene	ND	124	106	15.7	122		
n-Butylbenzene	ND	95	84	12.3	94		
n-Propylbenzene	ND	102	89	13.6	95		
o-Xylene	ND	108	94	13.9	103		
p-Isopropyltoluene	ND	104	91	13.3	98		
sec-Butylbenzene	ND	97	85	13.2	93		
Styrene	ND	110	98	11.5	104		
tert-Butylbenzene	ND	101	88	13.8	96		
Tetrachloroethene	ND	116	97	17.8	102		
Tetrahydrofuran (THF)	ND	114	100	13.1	123		
Toluene	ND	111	97	13.5	104		
trans-1,2-Dichloroethene	ND	101	86	16.0	87		
trans-1,3-Dichloropropene	ND	111	100	10.4	106		
trans-1,4-dichloro-2-butene	ND	122	113	7.7	110		
Trichloroethene	ND	114	98	15.1	102		
Trichlorofluoromethane	ND	109	93	15.8	88		
Trichlorotrifluoroethane	ND	109	94	14.8	96		
Vinyl chloride	ND	109	92	16.9	84		
% 1,2-dichlorobenzene-d4	101	98	99	1.0	100		
% Bromofluorobenzene	100	101	103	2.0	101		
% Dibromofluoromethane	96	99	101	2.0	97		
% Toluene-d8	96	99	101	2.0	99		

Comment:

Due to poor instrument purge, the MSD is not reported for this batch.

QA/QC Batch 119006, QC Sample No: AR27523 (AR26976, AR26977)

Volatiles

1,1,1,2-Tetrachloroethane	ND	100			104	94	10.1
1,1,1-Trichloroethane	ND	98			112	102	9.3
1,1,2,2-Tetrachloroethane	ND	>130			>150	>150	NC
1,1,2-Trichloroethane	ND	100			105	96	9.0
1,1-Dichloroethane	ND	102			110	100	9.5
1,1-Dichloroethene	ND	82			113	108	4.5

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
1,1-Dichloropropene	ND	85			111	96	14.5
1,2,3-Trichlorobenzene	ND	80			87	87	0.0
1,2,3-Trichloropropane	ND	97			93	88	5.5
1,2,4-Trichlorobenzene	ND	72			87	84	3.5
1,2,4-Trimethylbenzene	ND	89			97	87	10.9
1,2-Dibromo-3-chloropropane	ND	103			86	94	8.9
1,2-Dichlorobenzene	ND	88			93	87	6.7
1,2-Dichloroethane	ND	94			106	98	7.8
1,2-Dichloropropane	ND	100			109	97	11.7
1,3,5-Trimethylbenzene	ND	91			98	88	10.8
1,3-Dichlorobenzene	ND	82			95	87	8.8
1,3-Dichloropropane	ND	95			96	93	3.2
1,4-Dichlorobenzene	ND	80			94	85	10.1
2,2-Dichloropropane	ND	91			102	97	5.0
2-Chlorotoluene	ND	87			95	87	8.8
2-Hexanone	ND	87			43	52	18.9
2-Isopropyltoluene	ND	94			99	88	11.8
4-Chlorotoluene	ND	87			95	87	8.8
4-Methyl-2-pentanone	ND	92			87	91	4.5
Acetone	ND	112			41	38	7.6
Acrolein	ND	96			77	81	5.1
Acrylonitrile	ND	101			105	103	1.9
Benzene	ND	94			111	96	14.5
Bromobenzene	ND	89			94	86	8.9
Bromochloromethane	ND	101			112	97	14.4
Bromodichloromethane	ND	105			109	97	11.7
Bromoform	ND	96			102	99	3.0
Bromomethane	ND	78			134	88	41.4
Carbon Disulfide	ND	<70			113	106	6.4
Carbon tetrachloride	ND	90			113	99	13.2
Chlorobenzene	ND	94			104	93	11.2
Chloroethane	ND	78			114	103	10.1
Chloroform	ND	100			110	99	10.5
Chloromethane	ND	77			124	99	22.4
cis-1,2-Dichloroethene	ND	100			112	101	10.3
cis-1,3-Dichloropropene	ND	91			102	99	3.0
Dibromochloromethane	ND	95			99	94	5.2
Dibromoethane	ND	92			97	100	3.0
Dibromomethane	ND	94			104	98	5.9
Dichlorodifluoromethane	ND	<70			122	111	9.4
Ethylbenzene	ND	93			106	93	13.1
Hexachlorobutadiene	ND	86			95	86	9.9
Isopropylbenzene	ND	87			97	87	10.9
m&p-Xylene	ND	93			108	96	11.8
Methyl ethyl ketone	ND	103			51	58	12.8
Methyl t-butyl ether (MTBE)	ND	90			100	103	3.0
Methylene chloride	ND	83			95	94	1.1
Naphthalene	ND	83			74	97	26.9
n-Butylbenzene	ND	81			97	87	10.9

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
n-Propylbenzene	ND	90			99	89	10.6	
o-Xylene	ND	96			106	94	12.0	
p-Isopropyltoluene	ND	88			97	87	10.9	
sec-Butylbenzene	ND	90			98	87	11.9	
Styrene	ND	96			107	97	9.8	
tert-Butylbenzene	ND	95			98	88	10.8	
Tetrachloroethene	ND	83			103	85	19.1	
Tetrahydrofuran (THF)	ND	91			94	102	8.2	
Toluene	ND	94			110	97	12.6	
trans-1,2-Dichloroethene	ND	82			109	111	1.8	
trans-1,3-Dichloropropene	ND	92			102	106	3.8	
trans-1,4-dichloro-2-butene	ND	71			72	100	32.6	
Trichloroethene	ND	87			96	84	13.3	
Trichlorofluoromethane	ND	87			127	116	9.1	
Trichlorotrifluoroethane	ND	82			119	112	6.1	
Vinyl chloride	ND	73			118	106	10.7	
% 1,2-dichlorobenzene-d4	101	101			98	98	0.0	
% Bromofluorobenzene	94	101			102	102	0.0	
% Dibromofluoromethane	1106	101			104	103	1.0	
% Toluene-d8	100	101			103	102	1.0	

Comment:

Due to poor instrument purge, the LCSD is not reported for this batch.

QA/QC Batch 119122, QC Sample No: AR27799 (AR26968, AR26972)

Volatiles

1,1,1,2-Tetrachloroethane	ND	95	105	10.0	99	106	6.8	
1,1,1-Trichloroethane	ND	109	117	7.1	109	117	7.1	
1,1,2,2-Tetrachloroethane	ND	>130	>130	NC	148	149	0.7	3
1,1,2-Trichloroethane	ND	100	102	2.0	105	105	0.0	
1,1-Dichloroethane	ND	108	118	8.8	106	115	8.1	
1,1-Dichloroethene	ND	113	116	2.6	107	109	1.9	
1,1-Dichloropropene	ND	100	112	11.3	97	109	11.7	
1,2,3-Trichlorobenzene	ND	96	100	4.1	87	91	4.5	
1,2,3-Trichloropropane	ND	101	89	12.6	97	87	10.9	
1,2,4-Trichlorobenzene	ND	95	100	5.1	81	86	6.0	
1,2,4-Trimethylbenzene	ND	93	104	11.2	87	99	12.9	
1,2-Dibromo-3-chloropropane	ND	111	106	4.6	109	100	8.6	
1,2-Dichlorobenzene	ND	91	98	7.4	88	94	6.6	
1,2-Dichloroethane	ND	104	106	1.9	105	105	0.0	
1,2-Dichloropropane	ND	103	110	6.6	102	109	6.6	
1,3,5-Trimethylbenzene	ND	92	104	12.2	89	101	12.6	
1,3-Dichlorobenzene	ND	93	101	8.2	87	95	8.8	
1,3-Dichloropropane	ND	100	100	0.0	101	102	1.0	
1,4-Dichlorobenzene	ND	90	97	7.5	84	93	10.2	
2,2-Dichloropropane	ND	114	118	3.4	106	111	4.6	
2-Chlorotoluene	ND	89	98	9.6	88	99	11.8	
2-Hexanone	ND	112	94	17.5	95	85	11.1	
2-Isopropyltoluene	ND	91	103	12.4	90	102	12.5	
4-Chlorotoluene	ND	95	106	10.9	88	98	10.8	

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
4-Methyl-2-pentanone	ND	109	97	11.7	106	98	7.8
Acetone	ND	122	113	7.7	107	98	8.8
Acrolein	ND	115	94	20.1	114	98	15.1
Acrylonitrile	ND	114	104	9.2	114	108	5.4
Benzene	ND	101	114	12.1	101	109	7.6
Bromobenzene	ND	91	99	8.4	91	99	8.4
Bromochloromethane	ND	107	119	10.6	108	120	10.5
Bromodichloromethane	ND	105	112	6.5	102	108	5.7
Bromoform	ND	99	98	1.0	102	101	1.0
Bromomethane	ND	109	>130	NC	102	128	22.6
Carbon Disulfide	ND	113	116	2.6	104	104	0.0
Carbon tetrachloride	ND	101	114	12.1	102	110	7.5
Chlorobenzene	ND	95	106	10.9	95	105	10.0
Chloroethane	ND	105	121	14.2	104	110	5.6
Chloroform	ND	105	114	8.2	106	115	8.1
Chloromethane	ND	121	>130	NC	100	119	17.4
cis-1,2-Dichloroethene	ND	110	117	6.2	108	115	6.3
cis-1,3-Dichloropropene	ND	106	108	1.9	107	106	0.9
Dibromochloromethane	ND	97	100	3.0	100	105	4.9
Dibromoethane	ND	107	101	5.8	110	100	9.5
Dibromomethane	ND	103	103	0.0	104	104	0.0
Dichlorodifluoromethane	ND	>130	>130	NC	103	116	11.9
Ethylbenzene	ND	96	107	10.8	95	107	11.9
Hexachlorobutadiene	ND	88	99	11.8	82	93	12.6
Isopropylbenzene	ND	87	100	13.9	91	102	11.4
m&p-Xylene	ND	99	111	11.4	97	107	9.8
Methyl ethyl ketone	ND	>130	108	NC	115	92	22.2
Methyl t-butyl ether (MTBE)	ND	114	95	18.2	114	95	18.2
Methylene chloride	ND	101	96	5.1	106	100	5.8
Naphthalene	ND	111	109	1.8	110	110	0.0
n-Butylbenzene	ND	93	105	12.1	84	93	10.2
n-Propylbenzene	ND	93	104	11.2	89	98	9.6
o-Xylene	ND	97	109	11.7	96	108	11.8
p-Isopropyltoluene	ND	93	104	11.2	86	97	12.0
sec-Butylbenzene	ND	90	102	12.5	88	99	11.8
Styrene	ND	100	110	9.5	97	107	9.8
tert-Butylbenzene	ND	91	101	10.4	91	102	11.4
Tetrachloroethene	ND	94	107	12.9	90	102	12.5
Tetrahydrofuran (THF)	ND	119	91	26.7	117	100	15.7
Toluene	ND	100	110	9.5	99	108	8.7
trans-1,2-Dichloroethene	ND	119	113	5.2	111	104	6.5
trans-1,3-Dichloropropene	ND	113	107	5.5	113	106	6.4
trans-1,4-dichloro-2-butene	ND	122	90	30.2	117	89	27.2
Trichloroethene	ND	89	101	12.6	92	102	10.3
Trichlorofluoromethane	ND	120	128	6.5	109	115	5.4
Trichlorotrifluoroethane	ND	110	114	3.6	105	107	1.9
Vinyl chloride	ND	118	>130	NC	105	114	8.2
% 1,2-dichlorobenzene-d4	101	100	99	1.0	99	99	0.0
% Bromofluorobenzene	98	102	101	1.0	103	102	1.0

QA/QC Data

SDG I.D.: GAR26963

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
% Dibromofluoromethane	97	109	104	4.7	110	105	4.7
% Toluene-d8	95	109	104	4.7	101	101	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
January 19, 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

NY Temperature Narration

January 19, 2009

SDG I.D.: GAR26963

The samples in this delivery group were received at 4C.
(Note acceptance criteria is above freezing up to 6C)

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 1 of 2

Data Delivery:
☐ Fax #:
☒ Email: DAVID@ENVIROTRAC.COM

Customer: ENVIROTRAC
Address:
Project: WATERMARK
Report to: D. LORTHIOIR
Invoice to:
Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Dal Lortie 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	8260 (FULL)
269163	B-9 (4-7	S	1/8/09		X
269164	B-8 (7-7.5)	"	"		X
269165	B-8 (3-5)	"	"		X
269166	B-7 (2-5)	"	"		X
269167	B-7 (8-10)	"	"		X
269168	B-4 (6)	"	"		X
269169	B-4 (2-3)	"	"		X
269170	B-3 (0-5)	"	"		X
269171	B-2 (8-10)	"	"		X
269172	B-2 (4-6)	"	"		X
269173	B-1 (8-10)	"	"		X

Soil VOA [ ] Methanol [ ] NaHSO4 [ ] H2O
GL Soil container [ ] 5g Bisulfate [ ] H2O
GL Soil container [ ] 4oz [ ] 4oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Ziploc/Re Sealable

Relinquished by:	Accepted by	Date:	Time:
Dal Lortie	[signature]	1-7-09	10:15
	[signature]	1/9	17:00

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 eSN/AKT
☐ Other

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

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

Comments, Special Requirements or Regulations:
RESULTS BY 1/16/09

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 2 of 2

Data Delivery:
☐ Fax #: _____
☒ Email: _____

Customer: ENVIRO TRAC
Address: _____
Project: WATERMARK
Report to: D. LORTHIOIR
Invoice to: D. LORTHIOIR
Project P.O: _____
Phone #: _____
Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: _____ Date

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

Analysis Request

8260 (EVAL)

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber [ ] 500ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 [ ] 250ml
PL NaOH [ ] 250ml
Bacteria Bottle

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	
26974	B-2 (15)	GW	1/8/09		X
26975	B-5 (15)	GW	11		X
26976	B-5 (25)	GW	11		X
26977	B-5 (35)	GW	11		X
26978	B-5 (45)	GW	11		X

Relinquished by:	Accepted by:	Date:	Time:
		1-9-09	10:15
		1/9	17:00

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 85MA-CT
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

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

State where samples were collected: NY

Comments, Special Requirements or Regulations:

RESULTS BY 1/16/09