



ENVIRONMENTAL GROUP, INC.
ENGINEERING, ARCHITECTURE AND SURVEYING, PC

SITE CHARACTERIZATION REPORT

**DYNAMIC SYSTEMS, INC.
TOWN OF POESTENKILL
RENSSELAER COUNTY, NEW YORK**

DEC SITE No. 442040

Prepared for:

Dynamic Systems, Inc.
323 State Route 355
Poestenkill, New York 12140

Prepared by:

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Revised October 2012**

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DYNAMIC SYSTEMS, INC.
TOWN OF POESTENKILL, RENSSELAER COUNTY, NEW YORK**

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PROFESSIONAL ENGINEER'S CERTIFICATION

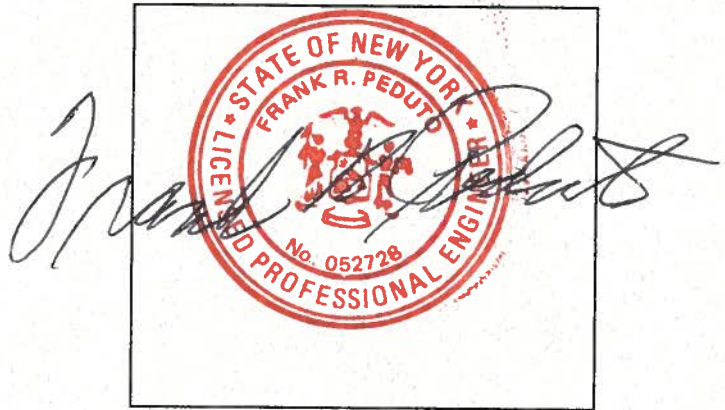
ENGINEER'S CERTIFICATION

I, Frank R. Peduto, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Site Characterization Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved Site Characterization work plan and any DER-approved modifications.

Frank R. Peduto, P.E.

P.E. License No. 052728

Date: October 4, 2012



WARNING: It is in violation of New York State Education Law, Article 145, Section 7209, Special Provision 2, for any person unless he/she is acting under the direction of a Licensed Professional Engineer or Land Surveyor to alter an item in any way. If an item bearing the seal of an Engineer or Land Surveyor is altered, the altering Engineer or Land Surveyor shall affix to the item his/her seal and notation, "Altered By" followed by his/her signature and date of such alteration, and a specific description of the alteration.

1.0 INTRODUCTION

On behalf of Dynamic Systems, Inc. (DSI), located at 323 State Route 355 in Poestenkill, New York, Spectra Environmental Group, Inc. (Spectra) is submitting this Site Characterization Report (SCR) to address trichloroethylene contamination identified in an earlier Phase II Investigation at the DSI site.

Information reviewed prior to the development of this work plan includes the Phase I Environmental Site Assessment (September 2010) and the Phase II Site Investigation Report with addendum (December 2010), conducted and prepared by GaiaTech Inc. The report, which includes findings, boring logs, and the laboratory analytical results, is provided in Appendix A.

This site characterization was conducted in accordance with the December 2011 Site Characterization Work Plan as approved by the New York State Department of Environmental Conservation (NYSDEC).

1.1 SITE LOCATION, PHYSICAL SETTING

The one acre site is located on the northwest corner of the 82 acre property at 323 State Route 355, Poestenkill, New York. The site is developed with an approximately 29,000 square foot light industrial building. The building contains offices, production areas, testing areas, a painting room, a machine shop, and a warehouse. A leach-field based septic system is located on the building's west side and a water supply well is located on the northern side. The well is located north of the parking lot on the north side of the building. It is an approximately 180 foot deep drilled well installed in 1966 (See Figure 2). Municipal water became available in the town in January 2011. Usage rates and well construction details are unknown. The well was disconnected in June 2011 when the facility changed over to the municipal public water supply system.

As indicated in Gaia Tech, Inc. Phase II Site Investigation report included as Appendix A, the following area geology and hydrogeology is as follows: The 7.5-minute topographic map of the area (*Poestenkill, New York* quadrangle, 1995, see Figure 1) indicates the site is located at approximately 460 feet above mean sea level. The site and the site area slope to the east toward a wetland area and Newfoundland Creek.

The depth to groundwater in the site area is believed to range between 6 to 20 feet bgs based on area topography, groundwater depth data information provided by EDR, and Spectra's observed

and recorded field measurements. Area topography also indicates that groundwater in the site area is expected to flow east (toward Newfoundland Creek)

Based on data collected for Gaia Tech, Inc., Phase I ESA, city site supply wells are identified within approximately 2,600 feet of the site. Site representatives stated municipal water connection has been established.

1.2 SITE OCCUPANTS AND OPERATIONS

The site is occupied exclusively by DSI personnel. DSI conducts assembly and testing of equipment used for thermal testing of metals. A small vapor degreasing unit, installed in 1966, used trichloroethylene (TCE) to clean components of equipment prior to use in the operation. The degreasing unit was decommissioned and removed in July 2011. It was removed and replaced by a water-based ultra-sound unit. The tank on the TCE degreaser was intact and had no cracks or leaks when it was removed. All TCE inventory has been properly removed from the premises.

2.0 SITE CHARACTERIZATION REPORT OBJECTIVE

The objective of the SCR is to present the data and information gathered by the site characterization scope of work.

3.0 BACKGROUND INVESTIGATION

In September 2010, GaiaTech Incorporated, Chicago, Illinois (GaiaTech) was hired to perform a Phase I Environmental Site Assessment. The Phase I report identified three areas of environmental concern; a vapor degreaser unit situated within a concrete pit, a historical site use which included the use of chemicals such as oils, coolants and paints, and a leach-field based septic system. A records review has been conducted and is included in the GAIA Phase II Report in Appendix A.

Based on the Phase I findings, a limited Phase II was conducted in November 2010 in which six (6) soil borings were advanced in the area of the degreaser unit and septic leach field area. Soil samples from GP-5 and GP-6 (Figure 2) were collected inside near the degreaser unit. At GP-5 several contaminants (acetone @ .12 mg/kg and Cis-1,2-dichloroethene @0.9 mg/kg) exceeded the most stringent SCOs for the protection of groundwater but did not exceed any other SCOs. TCE was detected in both GP-5 and GP-6 at concentrations of 0.1 mg/kg (below the most stringent SCO of 0.47 mg/kg) and 0.48 mg/kg (minimally above the most stringent SCO of

0.47mg/kg). A complete description with accompanying results tables and boring logs are provided by the GaiaTech Phase II and the Supplemental Investigation report in Appendix A. Section 4.2 (original report) and Section 6.2 (Supplemental Investigation) provides a complete description with summary tables for the six (6) soil borings described in the text.

In December 2010, GaiaTech performed a supplemental Phase II ESA Investigation which included the installation of three (3) temporary monitoring wells and five (5) permanent groundwater monitoring wells. The Phase II ESA Investigation Report identified elevated levels (3800 ppb) of TCE in groundwater in one temporary monitoring well (GP-5) located inside and adjacent to the vapor degreasing unit (see GaiaTech report in Appendix A). The regulatory standard for TCE in groundwater is 5 ppb (ug/L). Several other wells indicated an exceedance of the standard but all were an order of magnitude below the level found in GP-5.

In addition, while there has been no impact to the facility's potable well system, DSI has abandoned that well and connected to the municipal water supply system.

Based on Spectra's review of existing data presented in both the Phase II report and the groundwater monitoring system, it appears the source of the TCE is in the vicinity of the vapor degreasing unit. The plan was based on these initial findings and includes additional soil and groundwater sampling and some soil excavation.

4.0 SITE CHARACTERIZATION PLAN

4.1 SOURCE EXCAVATION

On February 14, 2012 the target soils located in the interior of the DSI facility beneath a concrete floor were excavated and post excavation soil sample were collected, (Figure 2). Soil removal activities were followed as approved in the Spectra Environmental Group, Inc., Materials Handling Work Plan and Community Air Monitoring Plan dated January 2012.

Precision Industrial Maintenance (PIM) served as the on-site contractor. Poly containment was built around work area to contain dust and debris. This consisted of 6 mil fireproof poly from floor to ceiling to contain the 8'x10' area excavated. Estimated size of containment area was 20'x20'. A 1,000 cfm negative air unit with standard HEPA filter was set up in work area. All air was continuously exhausted to the outside. Initial Draeger Tube readings and PID readings were taken prior to work startup.

Concrete was removed first to expose the subgrade soil using a saw which cut approximately 8'x10' area of concrete floor (wet method to reduce dust). Concrete was broken up by saw cutting and jackhammer (wet method to reduce dust) into manageable pieces, cleaned of any impacted soil and stockpiled for ultimate disposal as construction and demolition debris. Concrete was loaded into a bobcat bucket. The Bobcat (equipped with a catalytic converter) was driven through building out the back door. Each bucket of concreted debris was dumped into two 20 yard lined C&D covered roll offs spotted outside of building. One roll off was dedicated for C&D to Albany Landfill and one for contaminated soil to CWM Model City.

PID readings were taken in the air space following the exposure of the sub grade soil and were recorded as ND. There was no significant amount of groundwater encountered that required collection.

Once all concrete was removed from within and around the 8'x10'grease pit area, PIM removed the soil under the concrete floor. Soil was removed to a depth at or just below the measured groundwater level (approximately 3 feet). With the exception of the south wall of the pit (PID readings of 50 ppm), no other soil indicated any soil contamination.

Continuous air monitoring was conducted in work area with a PID meter in addition to monitoring with Draeger Tubes (specific for TCE). This ensured that workers and surrounding work were protected and proper PPE was worn at all times. Outdoor air monitoring was periodically tested with a PID meter. All work was performed under the site specific job hazard analysis and HASP.

4.2 IN-SITU REMEDIATION TECHNOLOGY

The pit was excavated to a depth of seven (7) feet below floor surface. While groundwater depth was measured at 6.0 feet in MW-2 located adjacent to the pit, standing groundwater did not appear in the dense clay subsurface at 7 feet. The soil did exhibit a wet glistening texture indicating the presence of groundwater confined in the dense clay subsurface. The bottom of the pit was then covered with 10 gallons of HRC-X[®], a liquid chemical additive sold by the Regenesi Corporation. HRC-X[®] is a hydrogen release chemical used to accelerate the degradation of chlorinated hydrocarbons like TCE. HRC-X[®] is typically applied using direct-injection techniques. This pressurized injection process allows the product to be placed into the zone of contamination and pushed out into the aquifer. Once in the subsurface, HRC-X[®] will reside within the soil matrix fueling reductive dechlorination for up to 60 months through the extra-slow, controlled release of lactic acid.

The presence of cis 1,2-Dichloroethene and vinyl chloride indicates the TCE is undergoing degradation through a natural attenuation process. Over time the HRX will penetrate the subsurface, enter the groundwater and further enhance the break down of the TCE compound.

After the HRC-X[®] was applied, PIM backfilled the excavation with #2 pea stone to floor grade.

4.2.1 Waste Disposal

Soil removed from the pit was sent to CWM Model City where they were properly disposed in accordance with regulation. Excavated concrete (approximately 13.5 tons) was disposed as C&D debris at the Albany County Landfill. While no standing groundwater was observed, water generated from concrete cutting entered the pit. This water was assumed to be contaminated and disposed of in accordance with regulations. In addition, two drums containing monitoring well purge water liquid from the original Phase II excavation were disposed as hazardous waste. A copy of the detailed waste manifests is included as Appendix B.

4.3 SOIL AND GROUNDWATER SAMPLING

4.3.1 Soil Sampling

On February 21, 2012 six (6) post excavation discrete soil samples were taken, one from each sidewall (PIT East, PIT West, PIT North, and PIT South), one (PIT Bottom) from the bottom of the excavated pit and one additional bottom floor sample (PIT Bottom-3/MSD) for sample accuracy. Soil samples collected from the pit were then sent to Upstate Laboratories, Inc., a New York State Department of Health certified laboratory for analysis for volatile organic contaminants (VOCs) and chlorinated solvents using EPA Methods 8260. February 21, 2012 soil sampling laboratory data package is included as Appendix C.

At sample location PIT West contaminant TCE was detected at a concentration of 0.46 mg/kg (slightly below the unrestricted Use SCO of 0.47 mg/kg and orders of magnitude below the Industrial Use SCO of 400 mg/kg). Each of the remaining side wall samples and bottom sample were either ND or well below SCOs criteria for Industrial use as well as SCOs criteria for commercial use. A complete summary of the six (6) post excavation samples results are included as Table 1.

4.3.2 Groundwater Sampling

On February 14, 2012 Monitoring wells MW1-MW3 located on Dynamic Systems Inc. property were gauged and water levels recorded. Monitoring Wells MW4 and MW5 were unable to be

located and therefore were not sampled at this time. Wells MW1- MW3 were purged to extract a minimum of three volumes from each well using a dedicated hand bailer.

One groundwater sample was collected from each well and sent to Upstate Laboratories, Inc., a New York State Department of Health certified laboratory for analysis for volatile organic contaminants (VOCs) and chlorinated solvents using EPA Method 8260. March 23, 2012 groundwater monitoring well sampling laboratory data package is included as Appendix D.

4.3.3 Monitoring Well Development

Elevated levels of chlorinated solvents were discovered in the February Spectra groundwater sampling event. The high turbidity observed during collection of the samples made the possible surface adsorption of TCE onto the sediment a concern. Spectra postulated that the TCE had possibly adsorbed onto the sediment and was being dissolved by the acid used to preserve the groundwater sample, possibly showing a falsely inflated value for dissolved-phase TCE in groundwater. For this reason, Spectra redeveloped the monitoring wells onsite on March 16, 2012.

Spectra re-developed Monitoring wells GMW-1 through GMW-5. Monitoring well GMW-2 is one inch in diameter and was developed using a Waterra foot-valve pump. Three gallons of development water were removed from the well, lowering the groundwater elevation from 194.20' to 192.50'.

Monitoring wells GMW-1, GMW-3, GMW-4, and GMW-5 are two-inches in diameter. These wells were developed with a battery-powered Whale pump. The water column was surged several times during pumping to free fine sediment in the sand pack. Seventeen (17) gallons of development water were removed from GMW-1. This lowered the groundwater elevation from 193.49' to 147.49'. Five (5) gallons were removed from GMW-3, lowering groundwater from 193.48 to 171.48'. Wells GMW-4 and GMW-5 were pumped dry during development. In GMW-4 groundwater was lowered from 181.23' to 167.23'. In GMW-5 groundwater was lowered from 186.25' to 176.45'.

4.3.4 Field Groundwater Quality Measurements and Sample Collection

On March 23, 2012, Spectra sampled five (5) groundwater monitoring wells located on Dynamic Systems Inc., property. A peristaltic pump was used for the low-flow sampling technique. New unused tubing was used with the pump for each well sampled. Groundwater quality parameters were collected using a Horiba flow-through cell. Equilibrium was determined to be reached

when readings for pH, dissolved oxygen, temperature, ORP, and conductivity changed less than 10% between readings. Once equilibrium was reached, water samples were collected into HCl pre-preserved VOA bottles. The in-situ water quality readings are summarized in Section 4.2.5.

Following sample collection, each groundwater sample was placed on ice in a clean cooler and delivered to Test America in Albany, NY for analysis. All groundwater samples were analyzed using EPA method 8260B.

4.3.5 Groundwater Analytical Results

The following section summarizes the groundwater analytical results for the March 23, 2012 sample event. Isocontours of trichloroethene (TCE) concentrations are provided in Figure 4. Contaminate concentrations identified within groundwater on the site are as described below.

The groundwater samples collected and analyzed from MW2 and MW3, resulted in a trichloroethene (TCE) concentration of 280 ug/L and 1,600 ug/L respectively. These are above the established Title 6 NYCRR Part 703 Groundwater Standard of 5 ug/L.

The groundwater samples collected and analyzed from MW2 and MW3, also resulted in a cis, 1,2-Dichloroethene concentration of 47 ug/L, and 280 ug/L respectively. These are above the established TOGS 1.1.1 Groundwater Standard of 5 ug/L.

The groundwater samples collected and analyzed from MW-3 resulted in a vinyl chloride concentration of 24 ug/L. This is above the established Title 6 NYCRR Part 703 Groundwater Standard of 2 ug/L.

Refer to Table 2 for a tabulated summary of groundwater monitoring well sampling results collected March 23, 2012. Figure 3, Groundwater Contour Map, shows the locations of the monitoring wells sampled on March 23, 2012.

4.3.6 In-Situ Water Quality Measurements

The groundwater chemistry and elevation data measured from each sampling location prior to the March 23, 2012 groundwater sampling event are presented below.

Parameter	Units	Range
Turbidity	Nephelometric turbidity	24-393
PH	pH Units	6.53-7.35
Specific Conductivity	Millisiemens per centimeter	0.097-1.36
Oxidation-Reduction Potential	Millivolts	167-215
Dissolved Oxygen	Milligrams per liter	12.3-0.96
Temperature	Degrees Celsius	9.76-19.33

Well ID	TOC Elevation (ft)	Depth to Water	Groundwater Elevation (ft)
GMW-1	199.49	9.25	190.24
GMW-2	200.00	5.99	194.01
GMW-3	199.48	5.75	193.73
GMW-4	182.23	2.15	180.08
GMW-5	188.45	2.65	185.80

5.0 FINDINGS AND CONCLUSIONS

Elevated levels of TCE are concentrated in an isolated pocket located in the Southern corner of the onsite building. Downgradient well GMW-4 and side gradient wells GMW-1 and GMW-5 have remained non-detect for TCE as well as all other VOC compounds. MW-2 which is located in the source area, and downgradient well MW-3, have showed TCE and cis 1,2-Dichloroethene concentrations exceeding the DEC groundwater standards. Vinyl Chloride was also detected in GMW-3 above DEC groundwater standards, which indicates ongoing degradation of the TCE compound.

GMW-2 which is believed to be in a perched water table has maintained approximately the same level of TCE throughout onsite investigation activities beginning in November 2010.

The soil recorded during site investigations, including soil borings and monitoring well installations, consist of silts and dense clays directly below overburden soils. With the in-situ application of the 10 gallons of HRX, a hydrogen release chemical used to accelerate the

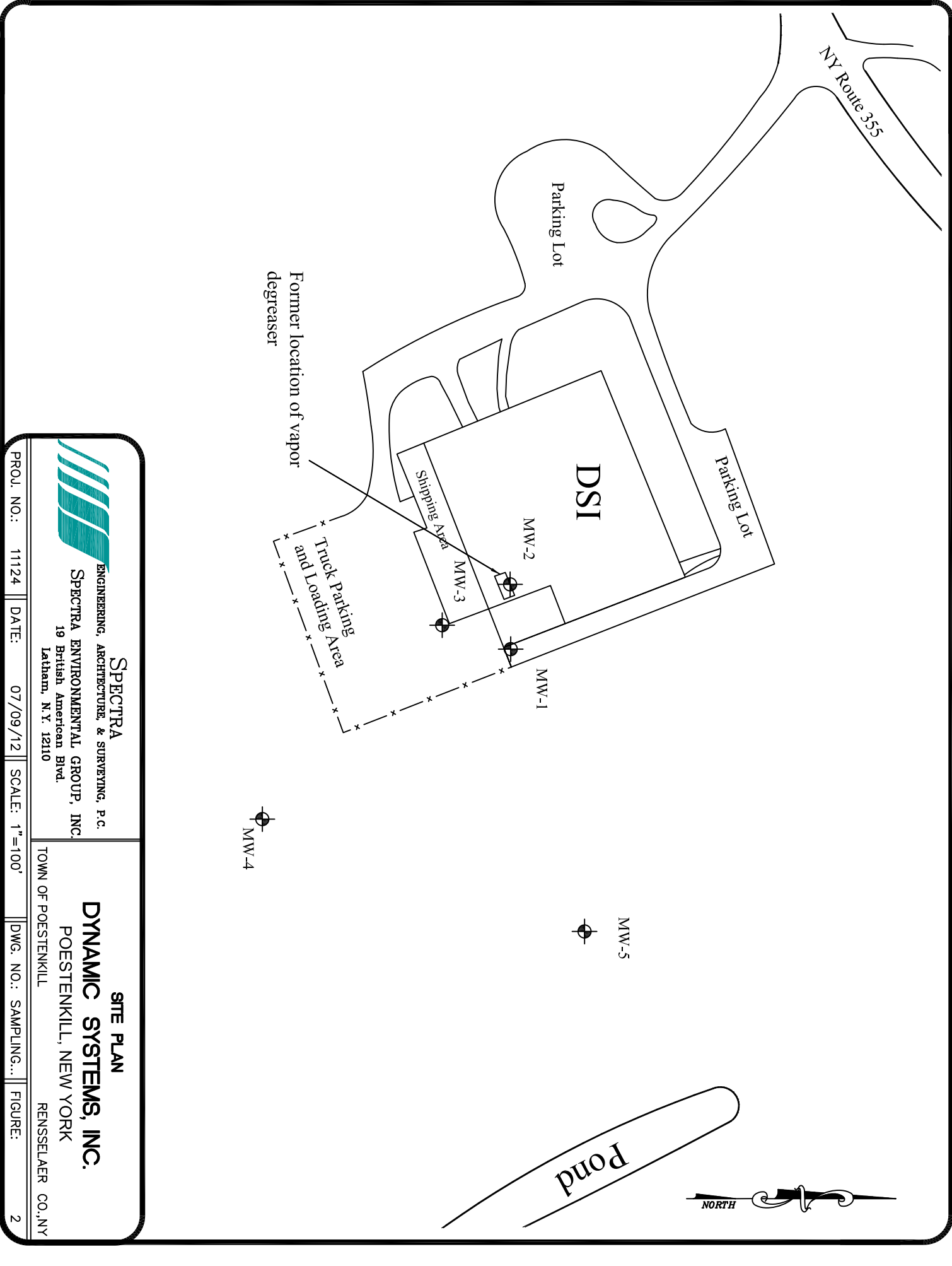
degradation of chlorinated hydrocarbons like TCE being applied, over time the HRX will penetrate the subsurface and enter the groundwater where it will break down the TCE to a benign compound. Due to the slow transport of densely clay laden soils, long term historical use of the solvent TCE, and detection of the degradation product vinyl chloride, the source appears to be localized and will likely remain localized until degradation is complete.

6.0 RECOMMENDATIONS

All potential sources have been removed from operation, a hydrogen reducing agent (HRX) has been applied, and no well water is being used onsite. Therefore it is recommended the source area be monitored quarterly for increased degradation via the existing onsite monitoring well network for the next four quarters. Upon completion of one year of groundwater monitoring, an assessment report will be completed to address the need for continued monitoring, mitigation, or no further action. The report will be submitted to the DEC for review and final decision.

A one time air sampling event should be performed to assess the possibility of vapor intrusion into the building. Sampling should take place during the heating season with an assessment of the results upon receipt of the laboratory analysis. The assessment will be submitted to the DEC for review.

FIGURES



NY Route 355

Parking Lot

Parking Lot

DSI

MW-2

MW-3

MW-1

Former location of vapor degreaser

Truck Parking and Loading Area

Shipping Area

MW-4

MW-5

Pond



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SITE PLAN

DYNAMIC SYSTEMS, INC.

POESTENKILL, NEW YORK

TOWN OF POESTENKILL

RENSSELAER CO., NY

PROJ. NO.: 11124

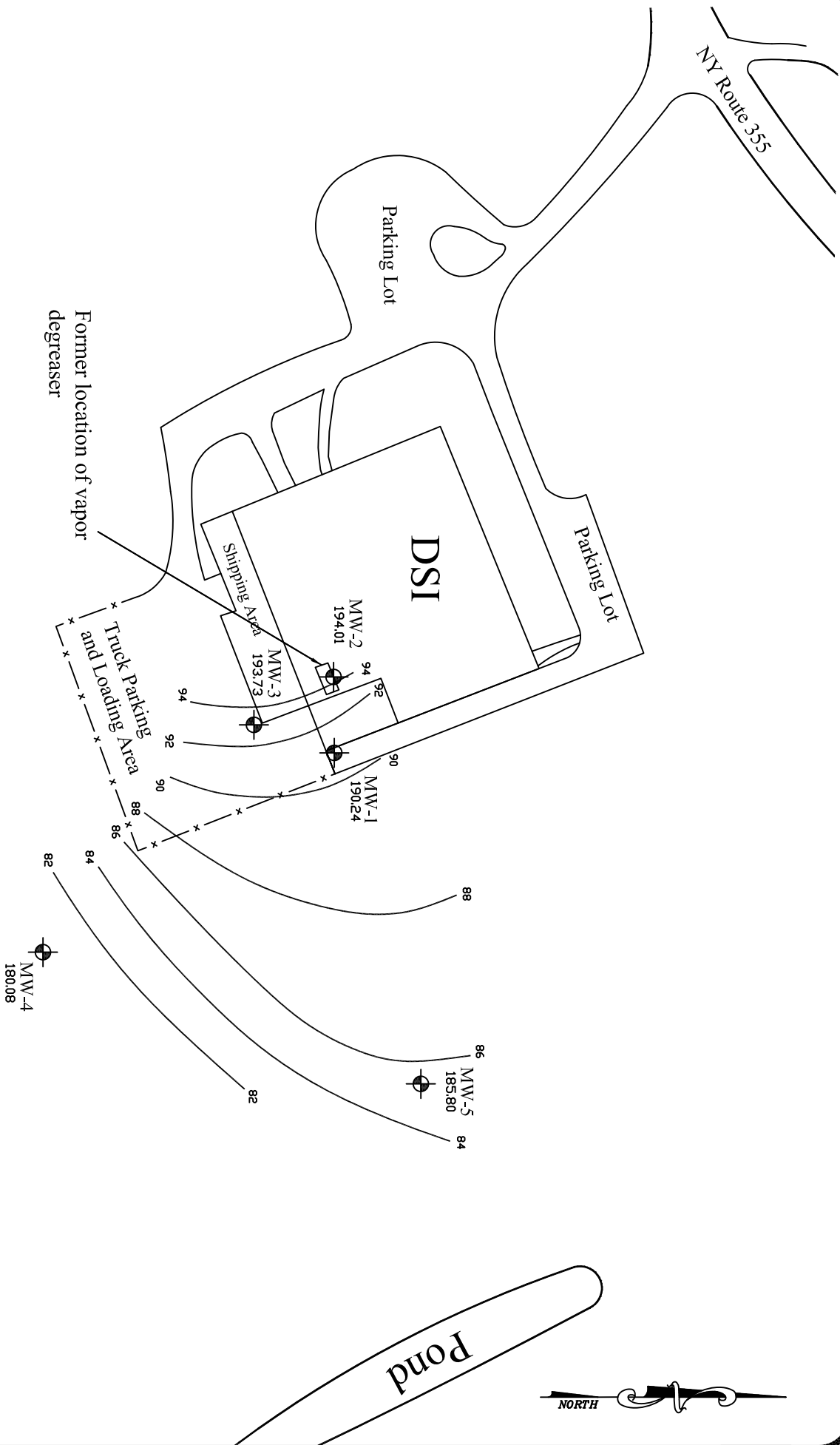
DATE: 07/09/12

SCALE: 1"=100'

DWG. NO.: SAMPLING...

FIGURE:

2



Groundwater elevation data from March 23, 2012 sampling event.



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GROUNDWATER CONTOUR MAP
DYNAMIC SYSTEMS, INC.
POESTENKILL, NEW YORK
TOWN OF POESTENKILL
RENSELAER CO., NY

PROJ. NO.: 11124

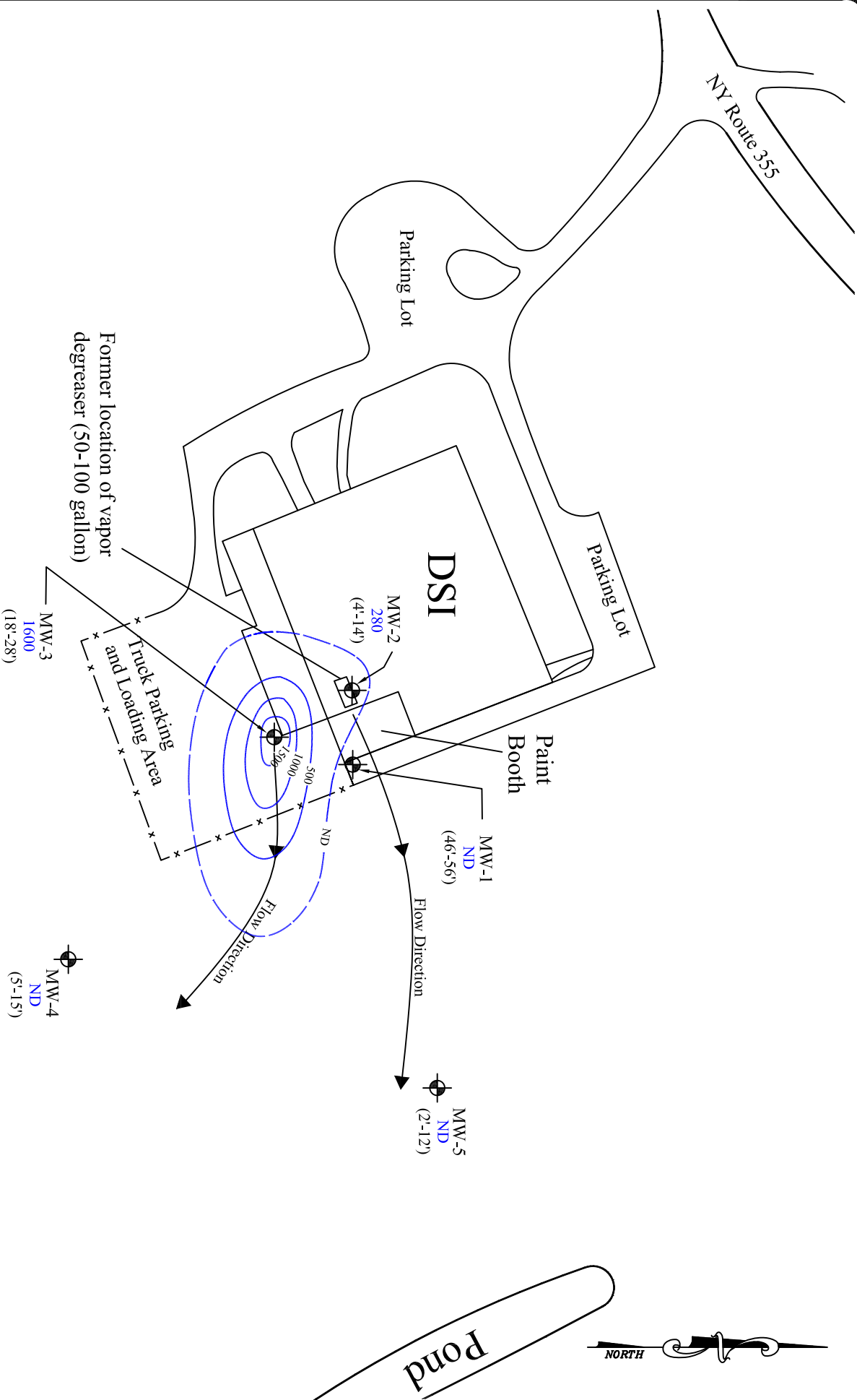
DATE: 07/09/12

SCALE: 1"=100'

DWG. NO.: SAMPLING...

FIGURE:

3



- NOTES:
- 1) TCE CONCENTRATIONS ARE IN PPB (ug/L).
 - 2) VALUES IN PARENTHESES ARE THE WELL SCREEN INTERVALS.



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GROUNDWATER CONCENTRATIONS (TCE)
DYNAMIC SYSTEMS, INC.
POESTENKILL, NEW YORK
TOWN OF POESTENKILL
RENSSELAER CO., NY

PROJ. NO.: 11124

DATE: 07/09/12

SCALE: 1"=100'

DWG. NO.: SAMPLING...

FIGURE:

4

TABLES

TABLE 1
Dynamic Systems, Inc.
Soil Sampling Results
Town of Poestenkill, Rensselaer County, New York

Parameter	Table 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (PPM)	Table 375-6.8(b) Restricted Use Soil Cleanup Objectives for Industrial Use (PPM)	Table 375-6.8(b) Restricted Use Soil Cleanup Objectives for Protection of Groundwater (PPM)	Sample Identification						
				Units	East Wall	West Wall	North Wall	South Wall	Bottom	Bottom Duplicate
Volatile Organic Compounds (VOCs) by EPA Method 8260										
Methylene chloride	0.05	1,000	0.05	mg/kg	0.0055	ND	ND	0.014	0.015	0.013
cis 1,2-Dichloroethene	0.25	1,000	0.25	mg/kg	ND	0.02 J	ND	ND	ND	ND
4-methyl, 2-pentanone				mg/kg	ND	ND	ND	0.054	0.079	0.028
Toluene	0.70	1,000	0.70	mg/kg	ND	ND	ND	ND	ND	0.0033 J
Trichloroethene	0.47	400	0.47	mg/kg	0.065	0.46	0.12	0.015	0.033	0.039
** All other parameters analyzed were non-detect.										

Notes:

No value exceeds Table 375-6.8(a) Unrestricted, or Table 375-6.8(b) Restricted Use Soil Cleanup Objectives for Industrial Use or Protection of Groundwater.

ND - Analyte was not detected.

Data Qualifiers:

J - Indicates an estimated value less than the practical quantization limit (PQL).

Sampled collected on February 14, 2012.

February 2012 samples were analyzed by Upstate Laboratories, Inc. of Syracuse, New York.

ppm (mg/kg) - parts per million = milligrams/kilogram

TABLE 2

Dynamic Systems, Inc.
Groundwater Sampling Results
Town of Poestenkill, Rensselaer County, New York

Parameter	Division of Water Technical and Operational Guidance Series (1.1) (PPB)	Title 6 NYCRR Part 703Water Quality Standards for Groundwater (PPB)	Sample Identification															
			Units	GMW-1			GMW-2			GMW-3			GMW-4			GMW-5		
				December 2010	February 2012	March 2012	December 2010	February 2012	March 2012	December 2010	February 2012	March 2012	December 2010	February 2012	March 2012	December 2010	February 2012	March 2012
Volatile Organic Compounds (VOCs) by EPA Method 8260																		
1,1,2-Trichloroethane	1		ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NOT SAMPLED	ND	ND	NOT SAMPLED	ND
1,1-Dichloroethane	5		ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND
1,1-Dichloroethene	5		ug/L	ND	ND	ND	ND	ND	0.84 J	0.35 J	ND	1.3	ND		ND	ND		ND
Acetone	50		ug/L	31	ND	ND	ND	ND	ND	21	ND	ND	ND		ND	ND		ND
Benzene	1	1	ug/L	0.21 J	ND	ND	ND	ND	ND	0.44 J	ND	ND	ND		ND	0.22 J		ND
2-Butanone (MEK)	50	0.05	ug/L	15	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND
Carbon Disulfide	50		ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9		ND	ND		ND
cis 1,2-Dichloroethene	5		ug/L	ND	ND	ND	28	86	47	28	210	280 D	0.98 J		ND	ND		ND
trans 1,2-Dichloroethene	5		ug/L	ND	ND	ND	0.56 J	ND	2.6	0.41 J	ND	ND	ND		ND	ND		ND
Ethyl Benzene	5		ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND
4-methyl, 2-pentanone	50		ug/L	1.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND
Methyl Tertiary Butyl Ether (MTBE)	5		ug/L	ND	ND	ND	ND	ND	ND	1.2	ND	ND	0.20 J		ND	ND		ND
Tetrachloroethene	50		ug/L	ND	ND	ND	ND	ND	0.63 J	0.39 J	ND	0.51 J	0.41 J		ND	ND		ND
Toluene	5		ug/L	0.55 J	ND	ND	0.30 J	ND	ND	0.58 J	ND	ND	0.57 J		ND	0.47 J		ND
Trichloroethene	5		ug/L	0.27 J	ND	ND	160	840	280 D	370	300	1600 D	17		ND	ND		ND
Vinyl chloride	2	2	ug/L	ND	ND	ND	ND	ND	ND	1.9	ND	24	ND		ND	ND		ND
Xylenes, total			ug/L	0.48 J	ND	ND	ND	ND	ND	0.62 J	ND	ND	0.78 J	ND	ND	ND		
2-Hexanone	50		ug/L	5.1 J	ND	ND	ND	ND	ND	1.5 J	ND	ND	ND	ND	ND	ND		
4-Methyl-2-pentanone (MIBK)			ug/L	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND	ND	ND	ND		
** All other parameters analyzed were non-detect.																		

Notes:
Bold and yellow shaded values indicate values that Exceed Title 6 NYCRR 703 Water Quality Standards or TOGS Series 1.1.1
ND - Analyte was not detected.
Data Qualifiers:
J - Indicates an estimated value less than the practical quantization limit (PQL).
D - This flag identifies all compounds identified in an analysis at secondary dilution factor.
Sampled collected on December 3, 4, and 5, 2010 and February 14, 2012.
December 2010 and March 2012 samples were analyzed by Test America of Buffalo, New York and Edison, New Jersey
February 2012 and Masamples were analyzed by Upstate Laboratories, Inc. of Syracuse, New York.

ppb (ug/L) - parts per billion -
micrograms/Liter

APPENDIX A
PHASE II SITE INVESTIGATION REPORT
PREPARED BY GAIA TECH INC.

PHASE II SITE INVESTIGATION REPORT

**DYNAMIC SYSTEMS, INC.
323 STATE ROUTE 355
POESTENKILL, NEW**

FOR SUBMITTAL TO:

**MCDERMOTT, WILL & EMERY
227 WEST MONROE
CHICAGO, ILLINOIS 60606-5096**

PREPARED BY:

**GAIA TECH INCORPORATED
CHICAGO, ILLINOIS**

DECEMBER 2010

PROJECT No. B1621--420-0

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EXECUTIVE SUMMARY

GaiaTech Inc. was retained to perform a Limited Phase II site investigation at the Dynamic System, Incorporated site in Poestenkill, New York. The purpose of the Limited Phase II and supplemental investigations were to investigate potential subsurface impacts related to concerns identified at the site during GaiaTech's recent Phase I Environmental Site Assessment (ESA).

The 2010 Phase I Environmental Site Assessment identified historic site use and a vapor degreaser unit as areas of environmental concern (AECs). In November 2010, GaiaTech performed a limited Phase II sampling investigation of these two AECs with the investigation consisting of the advancement of six soil borings and collection of groundwater samples from each boring. The limited Phase II identified soil impacts (exceeding applicable Soil Cleanup Objectives) in the vicinity of the vapor degreaser. Groundwater sampling identified limited impacts (exceeding applicable Water Quality Standards) adjacent to the degreaser unit. Sampling of groundwater in the vicinity of the vapor degreaser unit identified trichloroethene (TCE) and TCE degradation products at concentrations exceeding the applicable Water Quality Standards. Based on these findings, a supplemental investigation was recommended.

During the December 2010 supplemental investigation, five permanent monitoring wells were installed at the site with three boring/temporary wells. Groundwater sampling performed during the supplemental investigation identified TCE and its degradation product cis-1,2-dichloroethene at groundwater locations adjacent to the vapor degreaser and in exterior areas south of the degreaser location. TCE concentrations in groundwater ranged from 370 ug/l to 17 ug/l during the follow-up investigation. The groundwater cleanup standard for TCE is 5 ug/l. The TCE impacts identified in groundwater extend approximately 260 feet south of the degreaser location. One deeper groundwater monitoring well (GMW-1), with total depth of approximately 56 feet below grade, was located in the exterior area immediately east of the degreaser unit and yielded no TCE impacts.

Based on the soil and groundwater sample results, no significant impacts were found related to the septic leach field. A low concentration of 4-Nitroaniline was detected in one groundwater sample, which could be a false positive and may not be indicative of any significant subsurface impact. However, a spill or release from a TCE source (likely the degreaser unit) has impacted soil and groundwater in the southeastern portion of the building. Additional investigation may be required to fully determine the extent of the identified solvent impacts. Based on the results of the limited site investigation conducted, it is likely that further action may be required to address the identified impacts at the site.

1.0 INTRODUCTION

GaiaTech, Incorporated (GaiaTech) was retained to perform a Phase II sampling investigation and a subsequent supplemental investigation at the Dynamic Systems, Incorporated (DSI) facility located at 323 State Route 355 in Poestenkill, New York (Figure 1).

1.1 Site Description and Background

The site was developed for agricultural use as early as the mid-1800s. Based on information obtained from site representatives and a review of historical aerial photographs, a barn was located in the approximate location of the current septic system until approximately 1966, when it was burned down as a training exercise for the local fire department.

The northern portion of the approximately 82-acre site is developed with an approximately 29,000-square-foot industrial building. The building contains offices, production areas, testing areas, a painting room (containing one inactive booth and one active booth), a machine shop, and a warehouse. Asphalt-paved parking areas adjoin the building. A leach-field based septic system is located west of the site building. A water supply well is located north of the building. The completed Phase II site investigation has focused on the northern portion only. The southern approximately 60 acres of the site consist of agricultural land. Figure 2 illustrates the site features.

The site building was constructed in 1966 for Duffer Associates, a predecessor of DSI. According to site representatives, the current vapor degreaser and associated concrete pit were installed at the time of construction, and the current septic system and leach field were also installed at that time. Duffer Associates used the site for assembly and testing of equipment for thermal testing of metal. The company was reorganized through a reverse merger buyout of several shareholders in 1986, and the name was changed to Duffer Scientific. The name was changed to DSI in 1993.

DSI conducts assembly and testing of equipment used for thermal testing of metal at the site. A small vapor degreasing unit using trichloroethylene (TCE) is used to clean components of equipment prior to assembly. Some metal components of equipment are painted in a paint booth, depending on specifications. Finished products are stored in the warehouse until delivered to customers by common carrier.

A Phase I Environmental Site Assessment (ESA) was performed by GaiaTech in September 2010. The Phase I ESA report identified the following areas of environmental concern for the site which warrant additional investigation:

- **Vapor Degreaser:** The site operates a vapor degreaser, containing TCE, which is situated within a concrete pit. The pit appeared to be approximately 4 feet deep. Site representatives stated that the degreaser and pit were installed when

the building was constructed in 1966, and were not aware of spills from the degreaser. There is a potential for impact given the age of the degreaser and its historical contents.

- **Historical Site Use:** Historical site operations since 1966 have involved use of chemicals such as oils and coolants and paints, and operation of a leach-field based septic system. The historical use of these chemicals suggests a potential for subsurface impacts at the site.

1.2 Scope of Work

Based on the findings of the Phase I ESA, a limited Phase II sampling investigation was performed at the site in November 2010.

During the limited Phase II investigation, GaiaTech installed 6 soil borings at the site to assess potential impacts associated with the historical use of the site. The investigation addressed the vapor degreaser unit and the historical site use (primarily the septic leach field area) issues identified by the Phase I ESA. One water sample was collected from a tap connecting to the on-site production water well.

Upon review of the limited Phase II investigation results, a supplemental investigation was performed at the site in December 2010. GaiaTech conducted the follow-up investigation which included the installation and sampling of three (3) temporary monitoring wells (TMW1 to TMW3) and five (5) groundwater monitoring wells (GMW1 to GMW5), shown on the attached Figure 3.

1.3 Area Geology and Hydrogeology

The 7.5-minute topographic map of the area (*Poestenkill, New York* quadrangle, 1995) indicates that the site is located at an approximate elevation of 460 feet above mean sea level. The site and site area slope to the east toward a wetland area and Newfoundland Creek.

Area topography indicates that groundwater in the site area is expected to flow to the east (toward Newfoundland Creek). Based on area topography and recorded groundwater depth data information for area provided by EDR, the depth to groundwater in the site area is anticipated to range between 10 to 20 feet bgs.

Based on data collected for the Phase I ESA, no off-site water supply wells are identified within approximately 2,600 feet of the site. Site representatives stated that a municipal water connection would soon be available for the site with a water line currently present across and along Route 355.

2.0 PHASE II FIELD ACTIVITIES

On November 12 and 13, 2010, GaiaTech installed 6 soil borings at the site to assess potential impacts associated with the historical use of the site. The investigation focused on: (1) the area of the vapor degreaser unit and its immediately downgradient areas; and (2) the septic leach field area.

2.1 Methodology

Prior to field activities, GaiaTech completed a subsurface utility clearance at the site through the New York Underground Facilities Protective Organization (NYUFPO). Additionally, a private utility locator completed a subsurface utility clearance in the areas of the borings.

2.1.1 Soil Sampling

On November 12 and 13, 2010, a total of 6 soil borings were installed at the site (Figure 2), all of which were converted to temporary monitoring wells. The borings were performed by Aquifer Drilling & Testing, Inc. (ADT) of Albany, New York. Each boring was installed using a direct-push Geoprobe® sampling unit. Continuous subsurface soil samples were collected using five-foot stainless steel sampling tubes lined with acetate sample liners. Upon retrieval from the sampler, each soil sample was visually inspected for logging purposes and evidence of contamination. Each soil sample was then collected into separate sample bags to be used for field-screening (described further below) and classification prior to collecting soil samples for laboratory analysis. Soil characteristics such as soil type, color, moisture, consistency, grain size, odor, and plasticity were recorded on soil boring logs. Boring locations are illustrated on Figure 3. Copies of these logs are provided in Appendix A.

Specific soil boring locations were determined based on the utility markings. The borings associated with each issue identified in the Phase I are listed below:

- Historical Site Use: Two soil borings (GP-1 and GP-2) were installed adjacent to the septic system leach field. A drinking water sample was collected from a tap within the site building; and
- Vapor Degreaser: Two soil borings (GP-3 and GP-4) were installed outside the southeastern corner of the site building (downgradient) of the vapor degreaser. Two additional soil borings (GP-5 and GP-6) were installed inside the site building, near the existing vapor degreaser unit.

Each of the soil samples underwent field screening for ionizable volatile organics contamination using a Mini-Rae photo-ionization detector (PID) equipped with a 10.6eV lamp, calibrated to a 100 volumetric parts per million

(Vppm) isobutylene standard. The field screening is used to provide an indication of the potential presence of volatile organic compounds (VOCs) to aid in the selection of samples for laboratory analyses. Specific PID field screening procedures were as follows:

- The soil sample was placed in a sample bag.
- The soil boring number and sample depth was written on the sample bag.
- The sample was allowed to warm up under ambient/room temperatures.
- The PID was utilized to draw the headspace from above the soil-air interface.
- The maximum PID reading was recorded on each respective soil boring log.

Soil samples from the borings in which field screening suggested the greatest potential VOC content or other impact were retained for possible laboratory analysis. The samples were then secured in a cooler and preserved with ice.

2.1.2 Groundwater Sampling

Groundwater samples were collected from each of the soil borings, GP-1 through GP-6. The borings were allowed to remain open and disposable tubing was placed down the borehole. Groundwater was present in each boring. Development of the temporary wells was performed to ensure that groundwater was entering the boring from the surrounding subsurface. Development was performed using a peristaltic pump and the disposable tubing.

Groundwater samples were collected using the peristaltic pump and tubing. Upon collection, the samples were transferred into laboratory supplied bottles. The samples were then secured in a cooler and preserved with ice.

Upon completion of soil boring and groundwater sampling activities, and between uses to avoid cross contamination, all down-hole soil boring and non-dedicated sampling equipment was decontaminated using an Alconox[®]/water wash and scrubbing, followed by a water rinse. Once the groundwater sample was retrieved from a boring location, the borehole was back-filled with the soil cuttings and bentonite, and the surface was restored (to the extent feasible) to its original condition.

Temporary well locations are illustrated on Figure 3. Logs of the wells are presented in Appendix A.

2.1.3 Sample Management and Investigation Derived Waste

Under strict sample chain-of-custody procedures, the samples were delivered to Test America in Buffalo, New York.

Investigation Derived waste was containerized in 55-gallon drums and staged on-site, pending disposal off-site at a later day.

3.0 NEW YORK REGULATORY FRAMEWORK

The New York State Department of Environmental Conservation (DEC) has established soil and groundwater regulatory standards under Title 6 of the New York Codes, Rules and Regulations (6 NYCRR).

3.1 Soil Regulatory Standards

GaiaTech compared all soil results to the DEC Soil Cleanup Objectives (SCOs) promulgated in 6 NYCRR Part 375, Subpart 375-6. The SCOs for applicable constituents are provided on Table 1.

3.2 Groundwater Regulatory Standards

GaiaTech compared groundwater sample results to the DEC Water Quality Standards (WQSs) promulgated in 6 NYCRR Part 703, Subpart 703.5. The WQSs for applicable constituents are provided on Table 2.

4.0 PHASE II ANALYSIS AND DISCUSSION

The data obtained during the limited Phase II investigation is summarized and discussed below.

4.1 Geology and Hydrogeology

The soil borings advanced during the limited Phase II were completed to depths ranging from 10 to 15 feet below ground surface (bgs). The subsurface materials typically encountered at the site consisted of mixtures of silt, clay, sand, and gravel.

Groundwater was encountered in the borings at depths ranging from 7 to 12.5 feet bgs.

Soil boring logs documenting field observations are provided in Appendix A.

4.2 Soil Sampling Results

Three soil samples were collected and submitted for laboratory analyses. One sample was obtained from a boring (GP-3) advanced in the southeastern exterior portion of the site. The remaining soil samples were obtained from borings advanced in the vicinity of the vapor degreaser (GP-5 and GP-6). The soil samples were selectively analyzed for VOCs, semivolatile organic compounds (SVOCs), and total Resource Conservation and Recovery Act (RCRA) metals. The locations of the soil borings are illustrated on Figure 3.

Soil boring GP-3 was installed outside of the southeastern corner of the site building. Acetone was detected in the soil sample from GP-3 at a concentration of 0.053 milligrams per kilogram (mg/kg), which exceeds the SCO for protection of groundwater (0.05 mg/kg). The acetone concentration does not exceed any other SCOs. Methylene chloride, total xylenes, 2-methylnaphthalene, bis(2-ethylhexyl)phthalate, naphthalene, arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected in GP-3, but each of these analytes was present at a concentration below the applicable SCO.

Soil samples were collected from borings GP-5 and GP-6, which were installed inside the southeastern portion of the main building and located near the vapor degreaser. Acetone was detected in sample GP-5 at a concentration of 0.12 mg/kg, which exceeds the most stringent SCO (protection of groundwater at 0.05 mg/kg). The detected acetone level does not exceed any other established SCOs. Cis-1,2-dichloroethene (C12DCE) was identified at a concentration of 0.9 mg/kg in sample GP-5. This concentration exceeds the protection of groundwater SCO (the most stringent SCO) of 0.25 mg/kg. The C12DCE concentration does not exceed any other SCOs. Levels of methylene chloride, trans-1,2-dichloroethene, total 1,2-dichloroethene, and TCE were detected in soil sample GP-5, but were less than the most stringent SCO. TCE was

detected in both GP-5 and GP-6 at concentrations of 0.1 mg/kg and 0.048 mg/kg, respectively, which are below the most stringent SCO of 0.47 mg/kg. Both C12DCE and trans-1,2-dichloroethene are degradation products of TCE.

The soil sampling results are summarized on Table 1. The laboratory analytical report is presented in Appendix B.

4.3 Groundwater Sampling Results

A total of six groundwater samples (GP-1 through GP-6) were collected from the borings/temporary monitoring wells and submitted for laboratory analysis. The groundwater samples were selectively analyzed for VOCs, SVOCs, and dissolved RCRA metals. Additionally, a water sample (TW-1) was collected from an interior sink tap, which was connecting to the on-site production water well, and was analyzed for VOCs and SVOCs.

4.3.1 Historic Site Use

No VOCs or SVOCs were detected in the tap water (TW-01) sample. Temporary wells were installed in soil borings GP-1 and GP-2, located adjacent to the septic field. No VOCs were detected in the groundwater samples from GP-1 and GP-2. 4-Nitroaniline was detected in samples GP-1 and GP-2 at concentrations of 0.0077 milligrams per liter (mg/l) and 0.0039 mg/l, respectively. The level of 4-nitroaniline in sample GP-1 exceeds the WQS of 0.005 mg/l. Diethyl phthalate and di-n-butyl phthalate were detected in both samples (GP-1 and GP-2), but neither sample exhibited a concentration exceeding the applicable WQS. Dissolved barium was detected in sample GP-1 at a concentration less than the WQS and was not detected in sample GP-2. No other analytes were detected in temporary well groundwater samples GP-1 and GP-2.

4.3.2 Vapor Degreaser Area

Temporary monitoring wells GP-3 through GP-6 were sampled to evaluate potential impacts associated with the vapor degreaser unit. Wells GP-3 and GP-4 were located on the southeastern exterior area of the site. Wells GP-5 and GP-6 were located adjacent to the vapor degreaser in the interior of the building. During the limited Phase II investigation, a limited volume of groundwater was recovered from temporary well GP-6. Due to the limited volume, groundwater sample GP-6 was only analyzed for VOCs.

In sample GP-3, the VOCs ethylbenzene (at a concentration of 0.019 mg/l) and vinyl chloride (at a concentration of 0.0038 mg/l) were detected at levels exceeding the applicable WQS. Additional VOCs 1,1-dichloroethane, total 1,2-dichloroethene, benzene, C12DCE, toluene, TCE, and total xylenes were

detected in sample GP-3, but were not identified at concentrations exceeding the applicable WQSs. C12DCE and vinyl chloride are both degradation products of TCE. The other southeastern exterior groundwater sample location (GP-4) exhibited detected concentrations of total 1,2-dichloroethene, C12DCE, TCE, and vinyl chloride. C12DCE (concentration of 0.0082 mg/l) and TCE (concentration of 0.015 mg/l) each exceeded the applicable WQS (0.005 mg/l for each compound). Although total 1,2-dichloroethene and vinyl chloride were detected in sample GP-4, the concentrations did not exceed the applicable WQS. Both of these compounds are considered degradation products of TCE. Several SVOCs were detected in samples GP-3 and GP-4, but none exhibited concentrations exceeding the applicable WQS. Sample GP-3 was analyzed for dissolved metals and several were detected, but none had identified concentrations exceeding an applicable WQS.

Interior groundwater samples GP-5 and GP-6 (collected adjacent to the vapor degreaser) exhibited C12DCE (concentrations of 0.22 and 0.065 mg/l, respectively) and TCE (concentrations of 0.015 and 3.8 mg/l, respectively) at levels exceeding the applicable WQS. Sample GP-5 also had identified concentrations of 1,1,2-trichloroethane of 0.0015 mg/l (exceeding the WQS of 0.001 mg/l) and pentachlorophenol of 0.014 mg/l (exceeding the WQS of 0.001 mg/l). In sample GP-6, vinyl chloride was detected at a concentration of 0.0051 mg/l, which exceeds the WQS of 0.002 mg/l. No other analytes were detected in these samples (GP-5 and GP-6) at concentrations exceeding an applicable WQS.

Groundwater sampling results are summarized on Table 2. The laboratory analytical report is presented in Appendix B.

4.4 Recommendation

Based on the findings of the limited Phase II investigation, GaiaTech recommended a supplemental investigation consisting of the installation of five permanent monitoring wells and three temporary monitoring wells to further evaluate the soil and groundwater impacts identified at the site.

5.0 SUPPLEMENTAL INVESTIGATION FIELD ACTIVITIES

Based on the findings of the limited Phase II sampling investigation (November 2010 event), a supplemental investigation was performed at the site. The supplemental investigation activities were performed from December 2, 2010 through December 5, 2010.

5.1 Methodology

Prior to field activities, GaiaTech completed a subsurface utility clearance at the site through the NYUFPO with a private utility locator retained to complete a subsurface utility clearance in the areas of the borings. Borings were planned for the following locations:

- Permanent monitoring wells (GMW-1 and GMW-3) at exterior locations east and south of the vapor degreaser location, respectively;
- Permanent monitoring well (GMW-2) at an interior location adjacent to the vapor degreaser. One deep monitoring well was planned for this area, however, it became a shallow groundwater monitoring well because of limited access to the plant.
- Permanent monitoring wells (GMW-4 and GMW-5) installed in the unused farm field and located approximately 260 feet south and east of the vapor degreaser location, respectively; and
- Three temporary monitoring wells (TMW-1 through TMW-3) located at the edge of the lawn area surrounding the building (along the tree line area).

5.1.1 Soil Sampling

GaiaTech retained Zebra Environmental Corporation of Schenectady, New York and ADT to perform the borings/wells. Due to limited access inside the plant, GaiaTech could not install a deep monitoring well inside the plant near the degreaser. Instead, one permanent deep monitoring well (deep well GMW-1) was located immediately outside the plant and was advanced to a depth of approximately 56 feet bgs to evaluate groundwater quality in the deeper zone beneath the area of the site. Permanent well (intermediate well) GMW-3 was advanced to a depth of 28 feet bgs to provide a groundwater sample at an intermediate depth. All other permanent and temporary monitoring wells were completed to depths ranging from 12 to 17 feet bgs.

Each well was created by advancing a soil boring using direct-push Geoprobe® or hollow stem auger methodology. Continuous subsurface soil samples were obtained from the direct-push unit using a five-foot long sampling tube with disposable acetate liners. The direct-push drilling was completed to a maximum depth of 31 feet bgs. Subsurface soil samples were collected during hollow stem auger drilling by advancing a two-foot long split spoon sampler at five-foot intervals. Upon retrieval from the sampling unit, each soil sample was visually

inspected, logged, and inspected for evidence of contamination. Each soil sample was then collected into separate sample bags to be used for field-screening and classified using the methodology described previously. Soil samples were collected from each boring for laboratory analysis. Two soil samples were obtained from interior boring GMW-2. Soil samples collected from the borings were secured in a cooler and preserved with ice.

Soil boring locations are illustrated on Figure 3. Logs of the borings are provided in Appendix A.

5.1.2 Groundwater Sampling

The boreholes for the permanent monitoring wells were over-drilled to provide annular space around the constructed well. Over-drilling was performed using 8.25-inch outside diameter hollow stem augers (wells GMW-1 and GMW-3), a 2-inch diameter MacroCore direct-push tube (well GMW-2), and 3.25-inch diameter MacroCore direct-push tube (wells GMW-4 and GMW-5). Once the borehole was over-drilled, the permanent well was constructed within the annular space. Wells GMW-1 and GMW-3 through GMW-5 were constructed of ten-foot long, two-inch diameter polyvinyl chloride (PVC), 0.0010-inch slotted screen and blank PVC riser. Interior well GMW-2 was constructed using ten-foot long, one-inch diameter, 0.0010-inch slotted PVC screen and PVC riser. Silica sand was placed in the annular space surrounding the well screen and was extended to approximately one to two feet above the top of the screen. A bentonite seal was placed above the sand and extended one to two feet above the screen. Remaining annular space (in wells GMW-1 and GMW-3) was backfilled with soil cuttings. All wells were covered by a protective, flush-mount road box placed in cement.

Temporary wells were completed by installing ten-foot long, one-inch diameter, 0.0010-inch slotted PVC screen and blank riser into the boring. The screen and riser were removed from the temporary wells after completion of groundwater sampling. Groundwater samples were collected from temporary wells using a check valve and disposable tubing.

Permanent well GMW-1 was developed using a stainless steel impeller pump. Development continued until the well was dry. Permanent wells GMW-2 through GMW-5 were developed using a surge block, disposable tubing, and a check valve to remove water. Well GMW-4 was developed until it became dry. Wells were allowed to recover after development. Approximately 12 hours after development, groundwater samples were subsequently collected from each permanent well using a check valve or the impeller pump.

All groundwater samples were collected and transferred into appropriate laboratory supplied bottles. The samples were then secured in a sample cooler and preserved with ice.

The monitoring well locations are illustrated on Figure 3. Logs of the wells are provided in Appendix A.

5.1.3 Sample Management and Investigation Derived Waste

Under strict sample chain-of-custody procedures, the samples were delivered to Test America in Edison, New Jersey. All soil and groundwater samples were analyzed for VOCs.

Upon completion of soil boring and sampling activities, and between uses to avoid cross contamination, all down-hole soil boring and non-dedicated sampling equipment was decontaminated using an Alconox®/water wash and scrubbing, followed by a water rinse. Temporary monitoring wells were removed after collection of the groundwater samples and the borehole was backfilled with soil cuttings and bentonite. The surface was restored (to the extent feasible) to its original condition.

Soil cuttings from the borings were containerized at the site. A limited volume of cuttings were returned to the borehole and used to backfill the boring above the bentonite seal. A total of four drums of cuttings are present at the site. One drum of development water is also present at the site.

5.1.4 Surveying

Subsequent to the installation of the permanent wells, a relative elevation survey was performed to determine well and groundwater elevations. The survey was performed by RDM Surveying Consultants of Troy, New York. The relative elevation survey utilized the top of casing of interior well GMW-2 as the benchmark elevation (set as 200.00 feet). All other well elevations were determined relative to the elevation at GMW-2. Survey results are summarized on Table 3.

After well development, GaiaTech measured water levels in the five monitoring wells using an electronic water-level probe. The water level measurements and the survey data were used to determine the elevations of the groundwater table beneath the areas of the site and were used to determine the direction of groundwater flow.

6.0 SUPPLEMENTAL INVESTIGATION LABORATORY ANALYSIS AND DISCUSSION

The data obtained during the supplemental Phase II investigation is summarized and discussed below.

6.1 Geology and Hydrogeology

Soil borings/wells GMW-1 and GMW-3 were advanced to depths between 31 and 56 feet bgs to evaluate subsurface conditions in the deeper zones of the site. Deep boring GMW-1 encountered silt to a depth of approximately 12 feet with gravel extending to 15 feet. Underlying the gravel were layers of silt, clay, and silty clay (typically with little sand in the shallower strata). The silt and clay units were stiff to very stiff, but did not preclude advancement of the split-spoon or augers. Intermediate boring/well GMW-3 encountered similar materials in the subsurface (silt and sand to 20 feet bgs with silt to the terminus of the boring at 31 feet bgs).

Groundwater was present in the permanent wells at depths ranging from 1.17 to 14.88 feet. Based on the well and groundwater elevations, groundwater flow was determined to be directed to the southeast under a gradient of 0.06.

Figure 4 presents the potentiometric surface map for the site. Table 3 presents the groundwater elevation data.

6.2 Soil Sampling Results

GaiaTech compared all soil results to the DEC SCOs promulgated in 6 NYCRR Part 375, Subpart 375-6. A summary table of the soil analytical results is attached as Table 1. None of the nine soil samples collected from the borings advanced for the permanent and temporary monitoring wells during the follow-up investigation. Of the soil samples collected during the initial and follow-up investigations, only GP-5 (near the degreaser) exhibited any analyte concentrations exceeding the most stringent SCOs. Soil sampling results are summarized on Table 1. The laboratory analytical report is presented in Appendix C.

6.3 Groundwater Sampling Results

GaiaTech compared the groundwater sample results from wells GMW-1 through GMW-5 and TMW-1 through TMW-3 to the DEC GSs promulgated in 6 NYCRR Part 703. A summary table of the groundwater analytical results is attached as Table 2.

Deep well GMW-1 (east of the vapor degreaser) and shallow wells TMW-2, and TMW-3 did not exhibit any VOC concentrations exceeding the DEC GSs. However, TCE was

detected in the groundwater samples collected from wells GMW-1, TMW-2, and TMW-3 with concentrations ranging from 0.00027 to 0.0023 mg/l.

Well GMW-2, adjacent to the vapor degreaser, exhibited concentrations of c12DCE and TCE exceeding the applicable GSs. The detected concentration of c12DCE (0.028 mg/l) exceeds the GS of 0.005 mg/l. The TCE level detected in the GMW-2 groundwater sample (0.16 mg/l) exceeds the GS of 0.005 mg/l.

Intermediate well GMW-3, located south of the degreaser, exhibited c12DCE and TCE levels exceeding the applicable GSs. The detected c12DCE concentration was 0.028 mg/l (GS of 0.005 mg/l) and TCE was present at a level of 0.37 mg/l (GS of 0.005 mg/l).

Well GMW-4, located approximately 250 feet further downgradient from GMW-3, exhibited a TCE concentration of 0.017 mg/l (exceeding the GS of 0.005 mg/l). No other analytes were detected at concentrations exceeding a GS in groundwater sample GMW-4.

Temporary well TMW-1, located approximately 50 feet south of GMW-3, had c12DCE and TCE levels exceeding the applicable GSs. Sample TMW-1 exhibited a c12DCE concentration of 0.012 mg/l (exceeding the GS of 0.005 mg/l) and a TCE concentration of 0.029 mg/l (exceeding the GS of 0.005 mg/l).

Groundwater sampling results are summarized on Table 2. The laboratory analytical reports are presented in Appendix C.

7.0 CONCLUSIONS

GaiaTech performed a limited Phase II site investigation at the DSI site in Poestenkill, New York. Based on the limited Phase II and the supplemental investigation conducted at the DSI site and described in this report, GaiaTech has the following conclusions:

- No significant impacts were found related to the septic leach field. A low concentration of 4-Nitroaniline was detected in one groundwater sample, which could be a false positive and may not be indicative of any significant subsurface impact.
- No impacts were detected in the groundwater sample collected from an outlet tap supplied by the on-site well (located on the north side of the building).
- Based on the soil and groundwater sample results, a spill or release from a TCE source (likely the degreaser unit) has impacted soil and groundwater in the southeastern portion of the building. Additional investigation may be required to fully determine the extent of the identified solvent impacts. Based on the results of the limited site investigation conducted, it is likely that further action may be required to address the identified impacts at the site.

8.0 LIMITATIONS

GaiaTech performed this investigation exclusively for McDermott, Will & Emery and Thayer-Hidden Creek. This report and the findings shall not be relied upon, in whole or in part, by any other party, except by or with the express consent of GaiaTech and authorized representatives of McDermott, Will & Emery and Thayer-Hidden Creek. This report and the findings contained herein shall not be relied upon, in whole or in part, by any other party, except by or with the express written consent of a responsible official of GaiaTech. Any reliance upon this report by third parties beyond its intended purpose shall be at such parties' sole risk.

GaiaTech has conducted these professional services in accordance with current scientific principles and industrial standards of practices in the fields of environmental science and engineering on the date the work was conducted and in the same geographical area of the subject site for similar studies. GaiaTech's findings and recommendations must be considered as professional opinions based upon the limited data collected during the course of the environmental site investigation, which is limited in time and scope. GaiaTech makes no warranty, express or implied.

Only a limited number of groundwater and soil samples were collected. The variations among these samples and results may not become evident until further investigation. In the event that more data are available, it may be necessary to re-assess the conditions of the subject site in order to revise the conclusions and recommendations contained in this report.

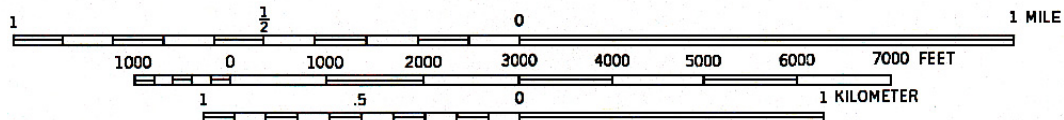
Independent laboratories have performed analytical laboratory analyses. GaiaTech has derived the findings and recommendations, in part, from the analytical reports. These findings are contingent upon the validity of the analytical reports.

Limited groundwater and soil samples were analyzed for specific parameters as detailed in the report. Other chemical compounds, which were not analyzed for, may exist at the site, although unlikely based upon available information regarding the subject site identified during the Phase I ESA.

Figures



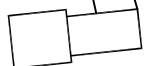
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Contour Interval 5 Feet



UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR/USGS
AVRILL PARK QUADRANGLE
NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHIC)
1953 PHOTOREVISED 1980



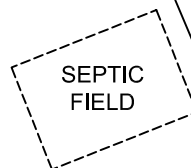
RESIDENTIAL



RESIDENCE
OF A DSI
EMPLOYEE

PARKING
LOT

2 PROPANE
ASTs



SEPTIC
FIELD

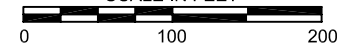
OFFICES

BUILDING

PAINT
BOOTH

APPROX LOCATION OF
VAPOR DEGREASER
(ABOUT 50-100) GAL.

SCALE IN FEET



LEGEND

 SITE BOUNDARY

DESCRIPTION:

DYNAMIC SYSTEMS, INC.
323 ROUTE 355
POESTENKILL, NY

DRAWN:

RJ

SCALE:

GRAPHIC

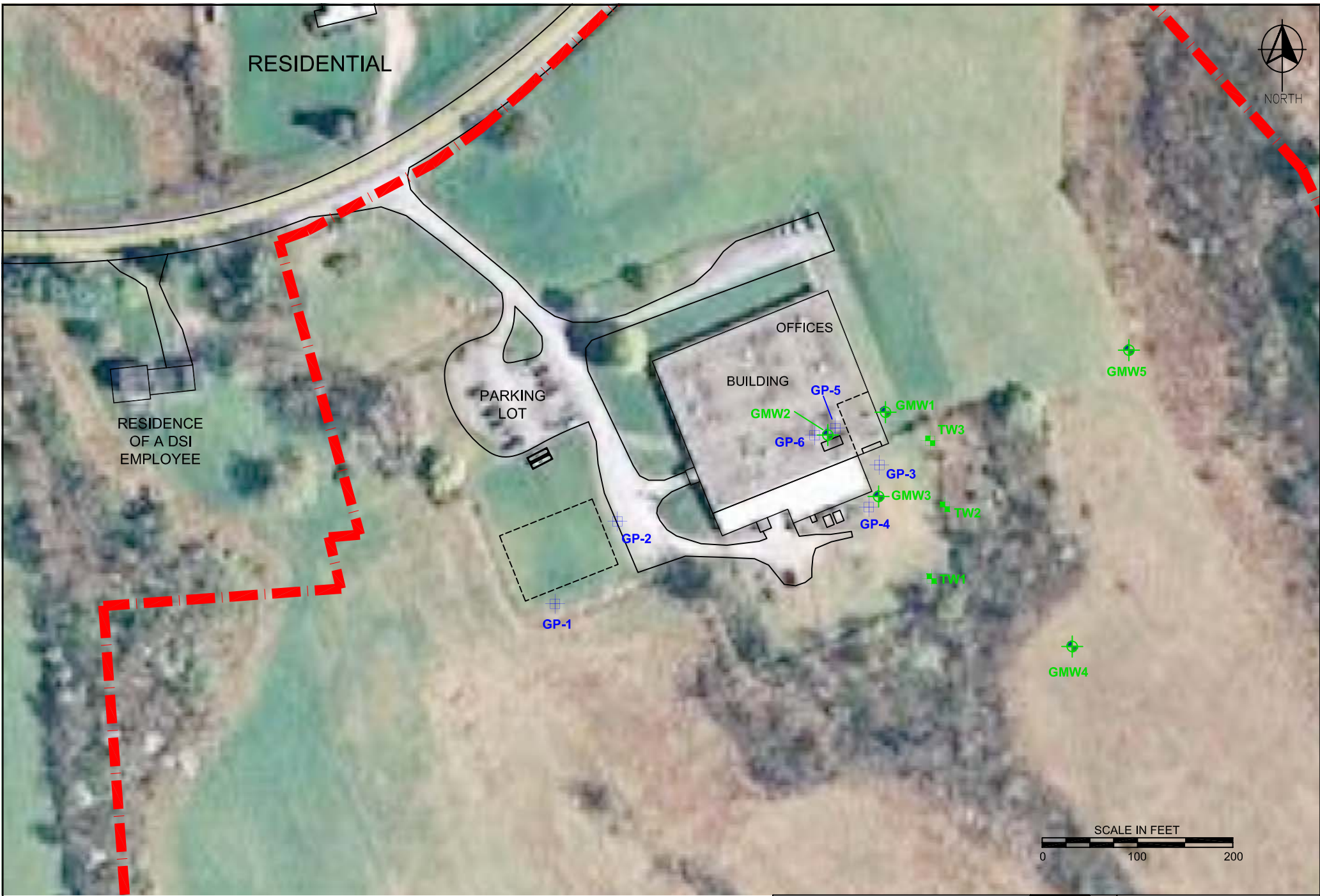
DATE:

12/16/10

FILE:
B1621-420-0

FIGURE: 2
SITE FEATURES





LEGEND

- SITE BOUNDARY
- SOIL BORING/TEMPORARY WELL LOCATION (NOV-DEC 2010)
- SOIL BORING/TEMP. MONITORING WELL LOCATION (DEC 2010)
- MONITORING WELL LOCATION (DEC 2010)

DESCRIPTION:

DYNAMIC SYSTEMS, INC.
323 ROUTE 355
POESTENKILL, NY

DRAWN:

RJ

SCALE:

GRAPHIC

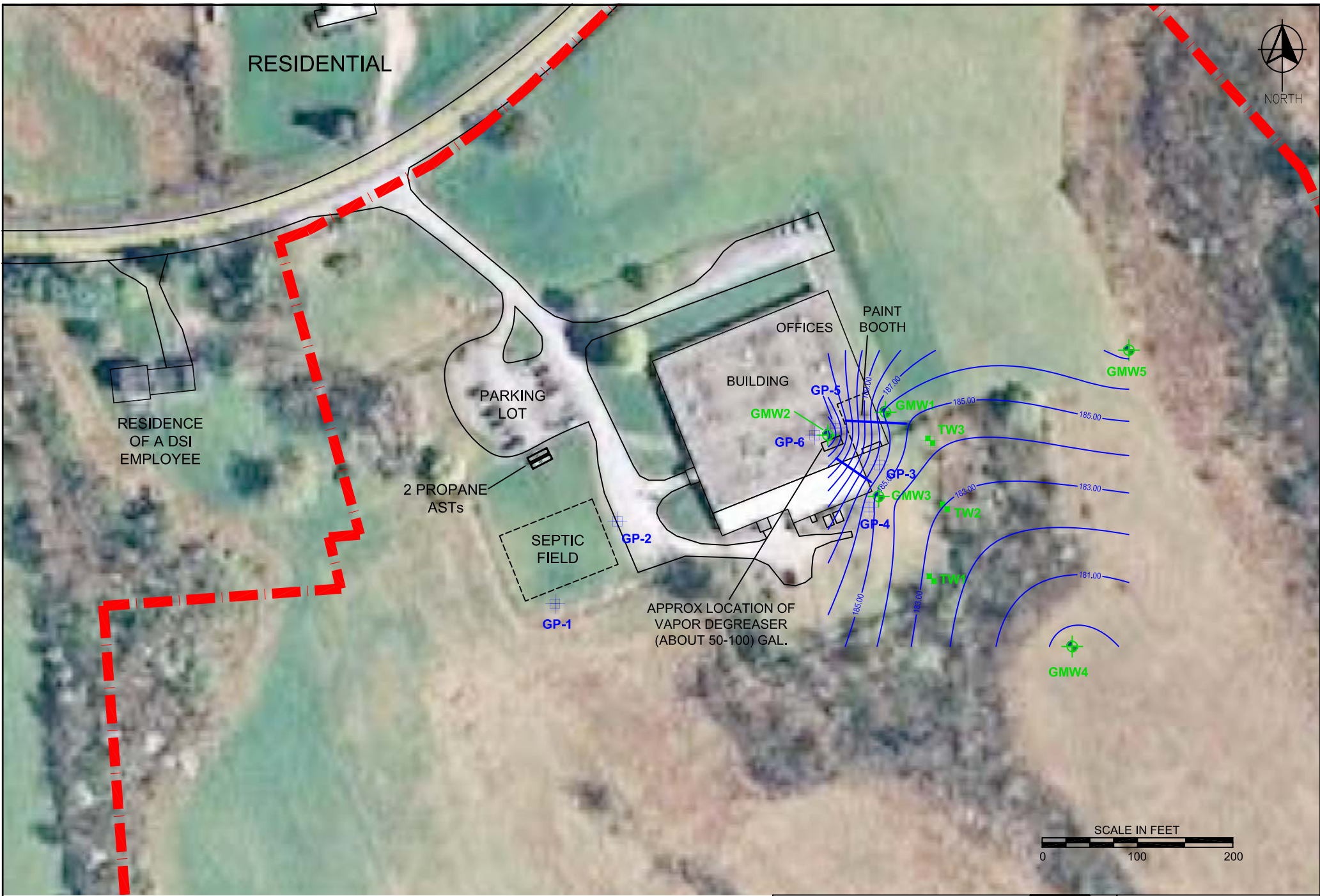
DATE:

12/16/10

FILE: B1621-420-0

FIGURE: 3
SAMPLING LOCATIONS

GaiaTech



LEGEND

- SITE BOUNDARY
- SOIL BORING/TEMPORARY WELL LOCATION (NOV-DEC 2010)
- CONTOUR LINE

- SOIL BORING/TEMP. MONITORING WELL LOCATION (DEC 2010)
- MONITORING WELL LOCATION (DEC 2010)

DESCRIPTION:

DYNAMIC SYSTEMS, INC.
323 ROUTE 355
POESTENKILL, NY

DRAWN:

RJ

SCALE:

GRAPHIC

DATE:

12/16/10

FILE:
B1621-420-0

FIGURE:

4
POTENTIOMETRIC SURFACE

MAP
GaiaTech

Tables

TABLE 1
Soil Sampling Results

Sample ID	Soil Cleanup Objectives			GP-3	GP-5	GP-6	GMW-1	GMW-2	GMW-2	GMW-3	GMW-4	GMW-5	TMW-1	TMW-2	TMW-3
Sample Depth (ft)				1-2	4-6	7-8	8-10	8-10	10-12	15-16	10-11	10-11	13-14	7-8	6/7/2010
Date Sampled				11/12/2010	11/13/2010	11/13/2010	12/2/2010	12/3/2010	12/3/2010	12/2/2010	12/2/2010	12/2/2010	12/2/2010	12/2/2010	12/2/2010
	Residential	Industrial	Protection of Groundwater												
VOCs - Method 8260B	mg/kg			mg/kg											
Acetone	100	1,000	0.05	0.053	0.12	BDL	0.004 ¹	0.0064	0.0056	0.0046 ¹	0.0057 ¹	0.0042 ¹	0.0054 ¹	0.0041 ¹	0.0092 ¹
Carbon Disulfide	NE	NE	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00055	BDL	BDL	BDL	BDL
Methyl Acetate	NE	NE	NE	BDL	BDL	BDL	BDL	0.00097	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Methylene chloride	51	1,000	0.05	0.036	0.018 ¹	0.018 ¹	0.00061 ¹	0.00071	BDL	0.00077 ¹	0.00062 ¹	0.00080 ¹	0.00083 ¹	0.00074 ¹	0.00064 ¹
trans-1,2-Dichloroethene	100	1,000	0.19	BDL	0.0057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Trichloroethene	10	400	0.47	BDL	0.1	0.048	0.0018	0.0058	0.005	0.15	BDL	BDL	0.0016	BDL	BDL
1,2-Dichloroethene, total	NE	NE	NE	BDL	0.9	0.0048	BDL	BDL	BDL	0.00065	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	59	1,000	0.25	BDL	0.9	0.0048	BDL	BDL	0.00055	0.00065	BDL	BDL	BDL	BDL	BDL
Xylenes, total	100	1,000	1.6	0.34	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SVOCs Method 8270C	mg/kg			mg/kg											
2-Methylnaphthalene	NE	NE	NE	1.1	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	NE	NE	NE	13	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	100	1,000	12	0.59	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
RCRA Metals - Method SW 846	mg/kg			mg/kg											
Arsenic	16	16	16	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	350	10,000	820	193	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	2.5	60	7.5	0.204	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	22*	800*	19*	17.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	400	3,900	450	14.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.81	5.7	0.73	0.0364	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	36	6,800	4	1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	36	6,800	8.3	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Samples analyzed at Test America in Buffalo, New York and Edison, New Jersey; Only detected compounds are listed.

Soil Remediation Objectives adapted from New York State Department of Environmental Conservation

6 NYCRR Part 375, Subpart 375-6.

VOCs : Volatile Organic Compounds; SVOCs : Semi-Volatile Organic Compounds

BDL: Below Laboratory Detection Limit; NE : Not established; NA : Not analyzed

* The soil cleanup objective for hexavalent chromium is presented. There is no soil cleanup objective for total chromium

¹ Compound was detected in the associated method blank. Detection likely due to laboratory contamination

mg/kg is approximately equivalent to parts per million (ppm)

Bold and shaded values indicate levels that exceed Protection of Groundwater Soil Cleanup Objective

TABLE 2
Groundwater Sampling Results

Sample ID		TW-1	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GMW-1	GMW-2	GMW-3	GMW-4	GMW-5	TMW-1	TMW-2	TMW-3
Date Sampled	Groundwater Standards	11/12/2010	11/12/2010	11/12/2010	11/12/2010	11/12/2010	11/13/2010	11/13/2010	12/5/2010	12/3/2010	12/4/2010	12/4/2010	12/4/2010	12/2/2010	12/2/2010	12/2/2010
VOCs - Method 8260B	mg/l	mg/l														
1,1,2-Trichloroethane	0.001	BDL	BDL	BDL	BDL	BDL	0.0015	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	0.005	BDL	BDL	BDL	0.00055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethene	0.005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00035	BDL	BDL	BDL	BDL	BDL
1,2-Dichloroethene, total	NE	BDL	BDL	BDL	0.0018	0.0082	0.22	0.065	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Acetone	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.031	BDL	0.021	BDL	BDL	BDL	BDL	BDL
Benzene	0.001	BDL	BDL	BDL	0.00053	BDL	BDL	BDL	0.00021	BDL	0.00044	BDL	0.00022	0.00031	0.00027	BDL
2-Butanone	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.015	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Disulfide	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0019	BDL	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethene	0.005	BDL	BDL	BDL	0.0018	0.0082	0.22	0.065	BDL	0.028	0.028	0.00098	BDL	0.012	BDL	BDL
trans-1,2-Dichloroethene	0.005	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00056	0.00041	BDL	BDL	0.00043	BDL	BDL	BDL
Ethylbenzene	0.005	BDL	BDL	BDL	0.019	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.00043	0.00051	0.00047
2-Hexanone	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0051	BDL	0.0015	BDL	BDL	BDL	BDL	BDL
4-Methyl, 2-pentanone	0.05	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0016	BDL	0.0010	BDL	BDL	BDL	BDL	BDL
Methyl tertiary Butyl Ether (MTBE)	NE	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0012	0.0002	BDL	BDL	BDL	BDL
Tetrachloroethene	0.005	BDL	BDL	BDL	BDL	BDL	0.0028	BDL	BDL	BDL	0.00039	0.00041	BDL	BDL	BDL	BDL
Toluene	0.005	BDL	BDL	BDL	0.004	BDL	BDL	BDL	0.00055	0.0003	0.00058	0.00057	0.00047	0.0017	0.0019	0.0020
Trichloroethene	0.005	BDL	BDL	BDL	0.002	0.015	3.8	0.21	0.00027	0.16	0.37	0.017	BDL	0.029	0.0023	0.0019
Vinyl chloride	0.002	BDL	BDL	BDL	0.0038	0.0011	0.0014	0.0051	BDL	BDL	0.0019	BDL	BDL	0.0013	BDL	BDL
Xylenes, total	NE	BDL	BDL	BDL	0.11	BDL	BDL	BDL	0.00048	BDL	0.00062	0.00078	BDL	0.0015	0.0017	0.0015
SVOCs - Method 8270C	mg/l	mg/l														
2,4-Dimethylphenol	1	BDL	BDL	BDL	0.0073	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	BDL	BDL	BDL	0.0015	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NE	BDL	BDL	BDL	0.00088	BDL	0.00052	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	0.005	BDL	0.0077	0.0039	BDL	BDL	0.0015	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	NE	BDL	BDL	BDL	BDL	BDL	0.00048*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	NE	BDL	0.0014	0.00053	0.00091	0.00075	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	0.05	BDL	0.00075*	0.00048*	0.00088*	0.00043*	0.00091	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	0.01	BDL	BDL	BDL	0.0019	BDL	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.001	BDL	BDL	BDL	BDL	BDL	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Metals - US EPA Method 6010B/7470A	mg/l	mg/l														
Arsenic	0.05	NA	BDL	NA	0.0099	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1	NA	0.0404	NA	0.419	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	0.005	NA	BDL	NA	0.0004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	0.05	NA	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.05	NA	BDL	NA	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.0007	NA	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	0.01	NA	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	0.05	NA	BDL	NA	BDL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Samples analyzed at Test America, Buffalo, New York and Edison, New Jersey; Only detected compounds are listed
Groundwater Standards adapted from New York State Department of Environmental Conservation (DEC
6 *NYCRR Part 703*.

VOCs : Volatile Organic Compounds;

SVOCs : Semi-Volatile Organic Compounds.

BDL : Below detection limit

NE : Not established; NA : Not analyzed

*Compound was detected in the associated method blank. Detection likely due to laboratory contamination.

mg/l is approximately equivalent to parts per million (ppm).

Bold and shaded values indicate levels that exceed groundwater standards.

GROUNDWATER ELEVATION DATA

Well ID	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
GMW-1	199.49	13.81	185.68
GMW-2	200	4.63	195.37
GMW-3	199.48	14.88	184.6
GMW-4	182.23	2.63	179.6
GMW-5	188.45	1.17	187.28

NOTE: Well level data was collected after development.

Appendix A

Soil Boring/Monitoring Well Logs

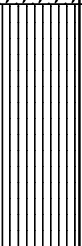
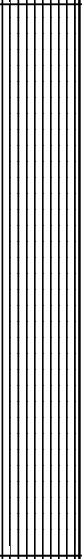
LOG OF BORING GP-1

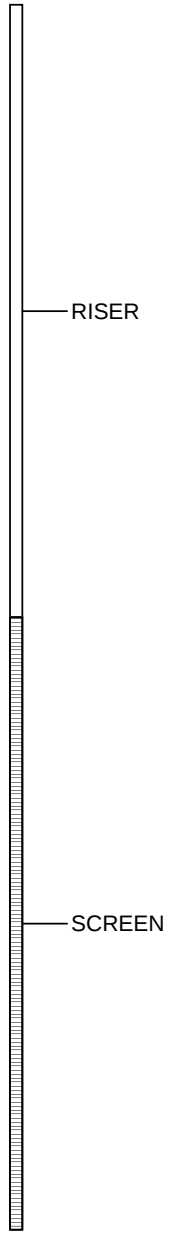
(Page 1 of 1)

Dynamic Systems Inc.
323 NY Route 355
Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION
Date/Time Started : 11/12/10
Date/Time Completed : 11/12/10
Total Depth of Boring : approx 10 feet bgs
Total Depth of Well : approx 10 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-1 Elev.:
0							0-4" TOPSOIL, organic, sand	
					GT		4"-3' SAND and GRAVEL, brown	
1		N/A	50	0.0				
					MH		3'-5' SANDY SILT - hard, tan/gray	
5								
					MH		5-9.5' SANDY SILT - some gravel, wet	
2		N/A	50	0.0				
					MH		9.5'-10' TILL, gray	
10							End of Boring @ 10' BGS Refusal @ 10 feet	



LOG OF BORING GP-2

(Page 1 of 1)

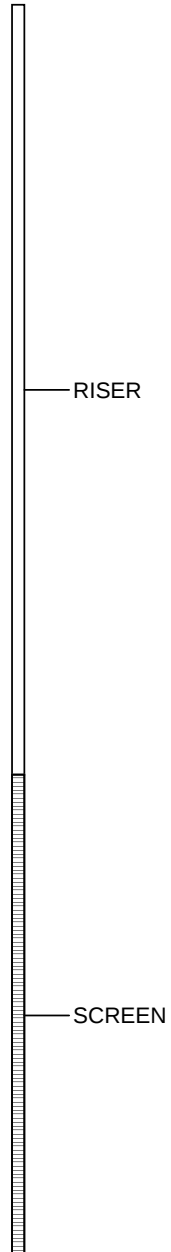
Dynamic Systems Inc.
323 NY Route 355
Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION

Date/Time Started : 11/12/10
Date/Time Completed : 11/12/10
Total Depth of Boring : approx 13 feet bgs
Total Depth of Well : approx 13 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-2 Elev.:
0							0-4" TOPSOIL, organic	
					GT		4"-3' SAND and GRAVEL, brown	
1	1	N/A	60	0.0				
					SM		3'-8' SILTY SAND and GRAVEL	
5								
	2	N/A	100	0.0				
					MH		8-9.5' SANDY SILT - hard, compact, tan	
					GM		9.5'-10' TILL, gray/brn, damp	
10								
	3	N/A	100	N/A	GM		10'-13' TILL, gray, wet	
End of Boring @ 13' BGS								



LOG OF BORING GP-3

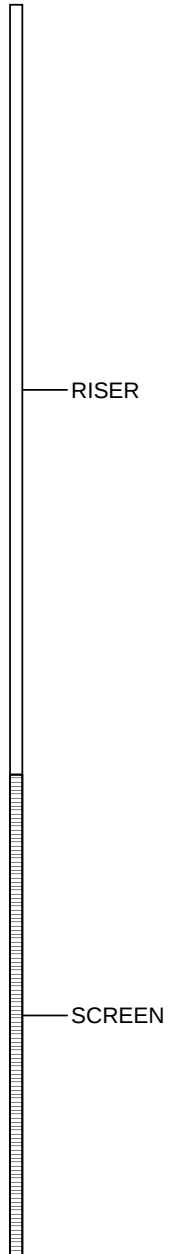
(Page 1 of 1)

Dynamic Systems Inc.
323 NY Route 355
Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION
Date/Time Started : 11/12/10
Date/Time Completed : 11/12/10
Total Depth of Boring : approx 13 feet bgs
Total Depth of Well : approx 13 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-3 Elev.:
0							0-4" TOPSOIL, organic, sand	
							4"-4' SILTY SAND, rock, brown/gray	
1	1	N/A	70	500	SM			
							4'-5' SILTY CLAY - gray	
					ML			
5							5'-10' CLAYEY SILT - gray	
	2	N/A	100	30.1	MH			
							10'-11' CLAYEY SILT - gray, saturated	
10					MH			
							11'-12' SAND - Poorly Graded,gray, coarse	
	3	N/A	100	N/A	SP			
							12'-13' TILL - gray/brown	
					GM			
End of Boring @ 13' BGS Soil Sample @ 1-2'								



LOG OF BORING GP-4

(Page 1 of 1)

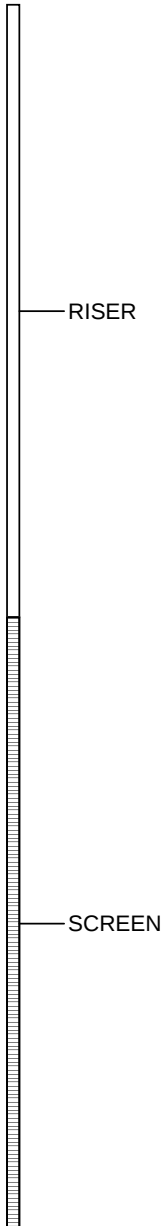
Dynamic Systems Inc.
323 NY Route 355
Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION

Date/Time Started : 11/12/10
Date/Time Completed : 11/12/10
Total Depth of Boring : approx 10 feet bgs
Total Depth of Well : approx 10 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-4 Elev.:
0							0-6" TOPSOIL and coarse brown sand	
							6"-5' SILTY SAND, rock, brown	
1	N/A	60	0.0		SM			
5	2	N/A	100	N/A	ML		5'-7' SILTY CLAY - coarse sand, brown/gray, saturated	
							7'-10' SILTY SAND - brown, hard, some rock	
3	N/A	100	1.5		SM			
10							End of Boring @ 10' BGS	



LOG OF BORING GP-5

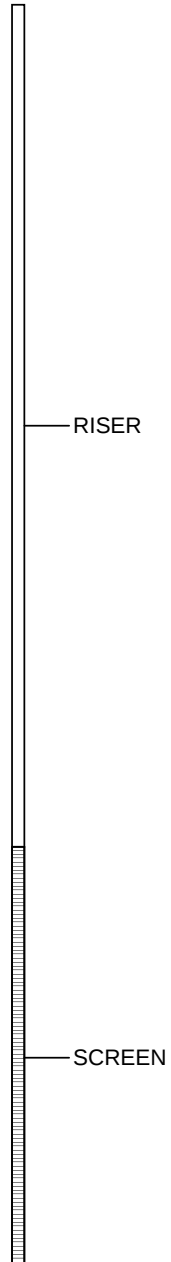
(Page 1 of 1)

Dynamic Systems Inc.
323 NY Route 355
Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION
Date/Time Started : 11/13/10
Date/Time Completed : 11/13/10
Total Depth of Boring : approx 15 feet bgs
Total Depth of Well : approx 15 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-5 Elev.:
0							0-8" CONCRETE	
	1	N/A	75	11.6	SM		8"-10" SAND and GRAVEL	
					SM		10"-2.5' SILTY SAND, some rock, brown	
	2	N/A	75	113	MH		2.5'-4.5' CLAYEY SILT, gray	
					SM		4.5'-5' SILTY SAND, some rock, brown	
	3	N/A	100	82.9	MH		5'-10' SANDY SILT - brown, some rock	
	4	N/A	100	110				
					MH		10'-12.5' SANDY SILT - some rock, brown, saturated	
	5	N/A	80	NA	ML		12.5'-15' CLAYEY SILT - , some rock, brown.gray	
15							End of Boring @ 15' BGS Soil Sample @ 4'-6'	



LOG OF BORING GP-6

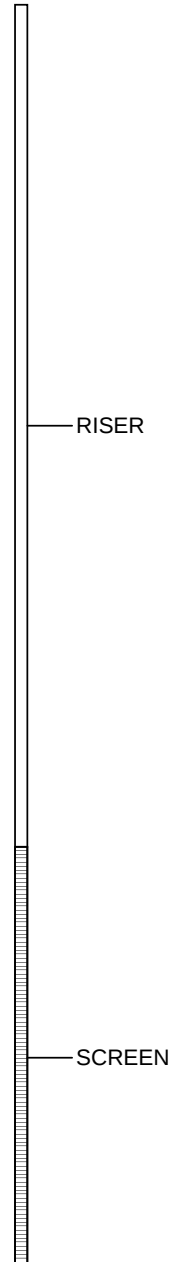
(Page 1 of 1)

Dynamic Systems Inc.
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Poestenkill, New York
GaiaTech Project No. B1621-420-0

SOIL BORING CONSTRUCTION INFORMATION
Date/Time Started : 11/13/10
Date/Time Completed : 11/13/10
Total Depth of Boring : approx 15 feet bgs
Total Depth of Well : approx 15 feet bgs

Logged By : R. Kusek
Drilling Method : Geoprobe - Direct Push
Hole Diameter : 2 inches
Drilling Company : Aquifer Drilling
Sampling Method : 5-foot Macro-core

Depth in	Samples	Blow Count	% Recovery	PID (ppm)	USCS	GRAPHIC	DESCRIPTION	Well: GP-6 Elev.:
0							0-8" CONCRETE	
	1	N/A	70	2.8	SM		8"-10" SAND and GRAVEL 10"-4' SILTY SAND, some rock, brown	
					SM			
	2	N/A	70	40.7				
					ML		4'-5' CLAYEY SILT, brown/gray, some rock	
5							5'-12.5' SANDY SILT, some rock, brown	
	3	N/A	100	48.6				
	4	N/A	100	100.3	SM			
10								
	5	N/A	100	49.3				
	6	N/A	100	N/A	ML		12.5'-15' CLAYEY SILT - brown, some rock, damp	
15							End of Boring @ 15' BGS Soil Sample @ 7-8'	



Date/Time : 12/02-04/10 0810
 Total Depth of Boring : 57 feet bgs
 Total Depth of Well : 56.1
 Logged By : MDuet
 Drilling Method : Direct-push/HSA
 Hole Diameter : 2 inch/8.25-inch
 Drilling Company : Zebra Env/Aquifer Drilling
 Sampling Method : Continuous/5 foot interval

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 46 feet
 Well Diameter : 2 inch
 Well Completed as : permanent well
 Top of Casing Elev. : 199.49
 Surface Elevation : NA
 GW Elevation : 185.68

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-1 199.49
0	1	0.0				SILT, brown, moist, medium density, some medium sand, little clay	Cover
							Cement
	2	0.0	80			Same, but no clay	
5	3	0.0		ML		Same, but brown-grey, trace medium gravel, trace clay	
	4	0.0	87				
10	5	0.0	39				
				GP		GRAVEL, Poorly Graded, white-grey, dry	Riser
15						BLIND DRILL	Backfill
20							
25							

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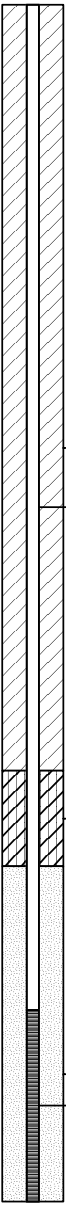
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MONITORING WELL GMW-1

(page 1 of 3)

Date/Time : 12/02-04/10 0810
 Total Depth of Boring : 57 feet bgs
 Total Depth of Well : 56.1
 Logged By : MDuet
 Drilling Method : Direct-push/HSA
 Hole Diameter : 2 inch/8.25-inch
 Drilling Company : Zebra Env/Aquifer Drilling
 Sampling Method : Continuous/5 foot interval

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 46 feet
 Well Diameter : 2 inch
 Well Completed as : permanent well
 Top of Casing Elev. : 199.49
 Surface Elevation : NA
 GW Elevation : 185.68

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-1 199.49
25	6		67	ML		SILT, grey, dry, dense, little medium to fine sand BLOWS 10-15-5 (N=25)	 Backfill Riser Bentonite Sand Screen
						BLIND DRILL	
30	7		78	CL		CLAY, grey, low plasticity, moist, some coarse to medium sand BLOWS 13-21-14 (N=34)	
				SC		CLAY with SAND, grey, low plasticity, moist BLIND DRILL	
35	8		78	CL		CLAY, grey, moist, moderate plasticity, very stiff, little silt, little fine sand BLOWS 5-10-13 (N=15)	
						BLIND DRILL	
40	9		100	CL		CLAY, grey, moist, high plasticity, little silt BLOWS 9-8-10 (N=17)	
						BLIND DRILL	
45	10		89	CL		CLAY, grey, moist, moderate plasticity, stiff BLOWS 8-12-12 (N=20)	
				ML		SILT, grey, dry, trace clay	
50						BLIND DRILL	
GaiaTech, Inc. Environmental Planning for Business Chicago, IL						Dynamic Systems Inc. 323 State Route 355 Poestenkill, NY GaiaTech Project # B1621-420-0	MONITORING WELL GMW-1 (page 2 of 3)

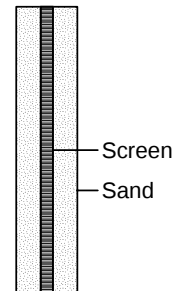
Date/Time : 12/02-04/10 0810
Total Depth of Boring : 57 feet bgs
Total Depth of Well : 56.1
Logged By : MDuet
Drilling Method : Direct-push/HSA
Hole Diameter : 2 inch/8.25-inch
Drilling Company : Zebra Env/Aquifer Drilling
Sampling Method : Continuous/5 foot interval

Well Screen Type : PVC
Well Screen Slot Size : 0.01 inch
Length of Well Screen : 10 feet
Well Riser Type : PVC
Length of Riser : 46 feet
Well Diameter : 2 inch
Well Completed as : permanent well
Top of Casing Elev. : 199.49
Surface Elevation : NA
GW Elevation : 185.68

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION
-------	--------	-----	-----	------	---------	-------------

GMW-1
199.49

50	11		67	CL		CLAY and SILT, grey, moist, moderate plasticity, stiff BLOWS 7-9-14 (N=16)
55						BLIND DRILL



End of Boring - 56 feet
Soil sample collected from 8 to 10 feet bgs

55

60

65

70

75

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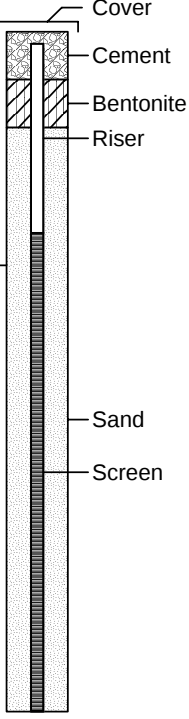
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MONITORING WELL GMW-1

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Date/Time : 12/03/10 1000
 Total Depth of Boring : 14.5 feet bgs
 Total Depth of Well : 14.2
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 2 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 4 feet
 Well Diameter : 1 inch
 Well Completed as : permanent well
 Top of Casing Elev. : 200.00
 Surface Elevation : NA
 GW Elevation : 195.37

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-2 200.00
0	1	9.5		CO		CONCRETE, 8 inches	
				ML		SILT and CLAY, dark brown, dry, medium density, trace coarse gravel Same, but brown	
	2	48.0	75	GW		GRAVEL, Well Graded, coarse	
						SILT., brown-grey, some clay, trace medium gravel Same, but brown	
5	3	9.6		ML		SILT, brown, dry, medium density, little medium to fine sand, little clay	
	4	39.6	100			Same, but dark brown, little coarse to medium gravel	
	5	23.3		GP		GRAVEL, Poorly Graded, coarse with silt	
10	6	6.1	100	ML		SILT, brown, some sand, little clay Same, but trace clay	
	7	5.3				SILT, wet, little clay, some medium to fine sand	
	8	7.1	100			SILT, dry, little medium sand, trace clay	
15	END OF BORING - REFUSAL at 14.5 feet bgs Samples collected at 8 to 10 feet bgs and 10 to 12 feet bgs						
20							
25							

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MONITORING WELL GMW-2

Date/Time : 12/03/10 1035	Well Screen Type : PVC
Total Depth of Boring : 31 feet bgs	Well Screen Slot Size : 0.01 inch
Total Depth of Well : 28	Length of Well Screen : 10 feet
Logged By : MDuet	Well Riser Type : PVC
Drilling Method : Direct-push/HSA	Length of Riser : 17.5 feet
Hole Diameter : 2 inch/8.25 inch	Well Diameter : 2 inch
Drilling Company : Zebra Env	Well Completed as : permanent well
Sampling Method : Continuous	Top of Casing Elev. : 199.48
	Surface Elevation : NA
	GW Elevation : 184.60

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-3 199.48
0				ML		TOPSOIL	
	1	0.0		ML		SAND, Well Graded, dark brown, coarse to medium, dry	
						SILT, brown, platy, dry, medium density, some clay, trace coarse gravel	
	2	0.0	67	GW		SILT, brown-grey, dry, medium density, some medium sand	
5						SILT, grey, wet, some clay	
	3	0.0				SILT, brown, moist, medium density, some coarse to medium sand	
				GW			
	4	0.0	67	ML		GRAVEL, Well Graded, white, coarse to medium, dry, medium density	
10						SILT, brown-grey, dry, medium density, little clay	
	5	0.0		SW		SAND, Well Graded, coarse to medium, brown-grey, weak, wet, trace clay	
	6	0.0	77	ML		SILT, brown-grey, medium density, little clay, trace medium gravel	
15	7	1.8		SW		SAND, Well Graded, medium, brown-grey, wet, little silt	
						Same, but dry, hard	
	8	1.6	93			Same, with trace coarse gravel	
20	9	0.0		ML		SILT, grey, medium density, moist, little medium sand, trace clay	
						Same, but dry	
	10	0.0	63				
25							

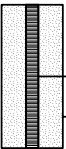
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MONITORING WELL GMW-3

(page 1 of 2)

12-13-2010 Z:\Projects\B1621- Dynamic Systems, Inc\B1621-420-0-Dynamic Systems Sampling\Technical\GMW3.bor

Date/Time : 12/03/10 1035 Total Depth of Boring : 31 feet bgs Total Depth of Well : 28 Logged By : MDuet Drilling Method : Direct-push/HSA Hole Diameter : 2 inch/8.25 inch Drilling Company : Zebra Env Sampling Method : Continuous						Well Screen Type : PVC Well Screen Slot Size : 0.01 inch Length of Well Screen : 10 feet Well Riser Type : PVC Length of Riser : 17.5 feet Well Diameter : 2 inch Well Completed as : permanent well Top of Casing Elev. : 199.48 Surface Elevation : NA GW Elevation : 184.60											
DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION						GMW-3 199.48					
25	11	0.0				Same, but no clay, dry, little gravel						 Screen Sand					
30	12	0.0	67														
END OF BORING - REFUSAL at 31 feet bgs Sample collected at 15 to 16 feet bgs																	
35																	
40																	
45																	
50																	
GaiaTech, Inc. Environmental Planning for Business Chicago, IL						Dynamic Systems Inc. 323 State Route 355 Poestenkill, NY GaiaTech Project # B1621-420-0						MONITORING WELL GMW-3 (page 2 of 2)					

Date/Time : 12/02/10 1220
 Total Depth of Boring : 15 feet bgs
 Total Depth of Well : 15
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 3.25 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 4.75 feet
 Well Diameter : 2 inch
 Well Completed as : permanent well
 Top of Casing Elev. : 182.23
 Surface Elevation : NA
 GW Elevation : 179.60

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-4 182.23
0				ML		TOPSOIL, 8 inches	
1	1	0.0				SILT, light brown, dry, medium desnity, trace sand	
						Same with trace coarse gravel	
2	2	0.0	93			Silt, light brown, dry, medium density, little clay, trace medium sand	
3	3	0.0				Same with trace coarse gravel	
4	4	0.0	93	ML			
5	5	2.2				SILT, wet, weak, trace clay	
6	6	1.2	100			SILT, light brown, medium density, moist, some clay	
						Same, but grey, trace coarse gravel	
15						END OF BORING - 15 feet bgs Sample collected at 10 to 11 feet bgs	
20							
25							

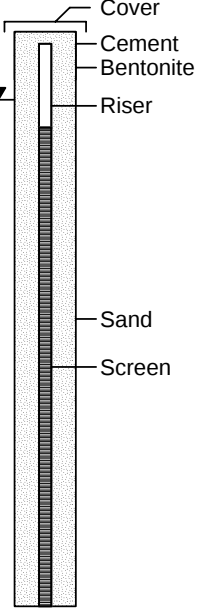
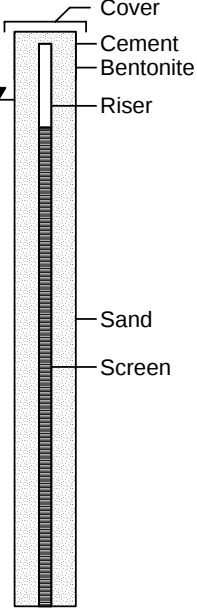
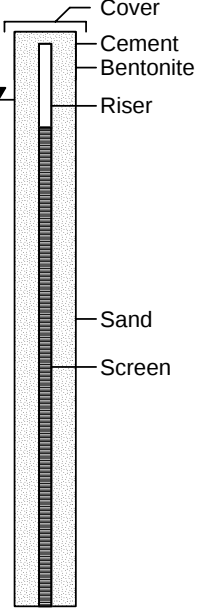
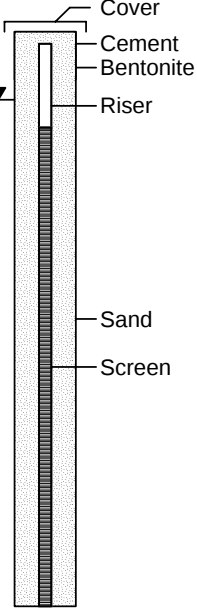
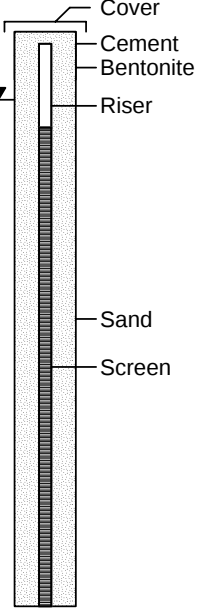
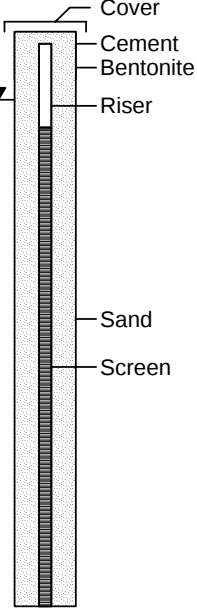
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MONITORING WELL GMW-4

Date/Time : 12/02/10 1320
 Total Depth of Boring : 14 feet bgs
 Total Depth of Well : 12
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 3.25 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 1.75 feet
 Well Diameter : 2 inch
 Well Completed as : permanent well
 Top of Casing Elev. : 188.45
 Surface Elevation : NA
 GW Elevation : 187.28

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	GMW-5 188.45
0				ML		TOPSOIL, 6 inches	
	1	1.0		CL		CLAY, brown, moist, stiff, moderate plasticity	
	2	1.3	70	ML		SILT, green-grey, some sand SILT, brown-grey, moist, medium density, little sand	
5							
	3	0.0		SP		SAND, Poorly Graded, brown, medium, wet, loose, some silt	
							
	4	0.9	77	ML		SILT, light brown, moist to dry, medium density, some medium to fine sand	
10							
	5	2.0					
							
	6	1.0	70	SW		SAND, Well Graded, medium to fine, dry, grey, hard, some silt	
							
15						END OF BORING - Refusal at 14 feet bgs Sample collected at 10 to 11 feet bgs	
20							
25							

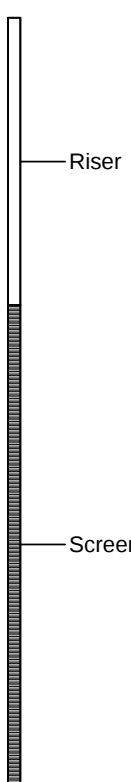
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MONITORING WELL GMW-5

Date/Time : 12/02/10 1000
 Total Depth of Boring : 15 feet bgs
 Total Depth of Well : 15
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 3.25 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

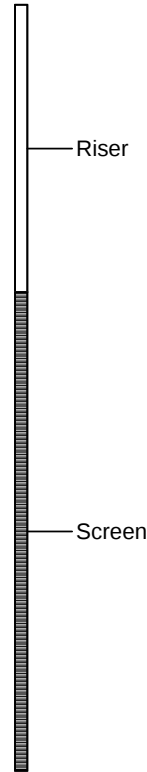
Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 6 feet
 Well Diameter : 1 inch
 Well Completed as : temporary well
 Top of Casing Elev. :
 Surface Elevation : NA
 GW Elevation : 5 feet bgs

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	TMW-1
0				ML		TOPSOIL, 4 inches	
1	1	0.0				SILT, brown, moist, medium density, some medium sand, little clay	
2	2	0.0	30	CL			
3	3	0.0				Same, but wet	
4	4	0.0	87	SP		SAND, Poorly Graded, medium, light green-grey, moist, weak, little clay	
5	5	0.0				SAND, Poorly Graded, medium, brown-grey, trace clay, trace silt	
6	6	0.5	90	SW		Same, but little silt, trace clay	
						SAND, Poorly Graded, wet, medium, trace silt	
						SAND, Well Graded, medium to fine, brown-grey, little brown mottling, medium density, moist, some silt	
15	END OF BORING - 15 feet bgs Sample collected at 13 to 14 feet bgs						
20							
25							

Date/Time : 12/02/10 0935
 Total Depth of Boring : 15 feet bgs
 Total Depth of Well : 15
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 3.25 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 6 feet
 Well Diameter : 1 inch
 Well Completed as : temporary well
 Top of Casing Elev. :
 Surface Elevation : NA
 GW Elevation : 5.5 feet bgs

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	TMW-2
0				ML		TOPSOIL, 6 inches	
	1	0.0		CL		CLAY, brown, moist, little sand	
	2	0.0	50	ML		SILT, brown, moist, medium density, some medium sand, trace clay	
5	3	0.0		SP		SAND, Poorly Graded, medium, light brown, wet, little silt	
	4	0.0	90			SAND, Well Graded, medium to coarse, light brown, medium density, some brown mottling	
	5	0.0		SW		SAND, Well Graded, medium, brown-grey, medium density, dry, some silt	
	6	0.0	93			Same, but wet	
15						END OF BORING - 15 feet bgs Sample collected at 7 to 8 feet bgs	
20							
25							



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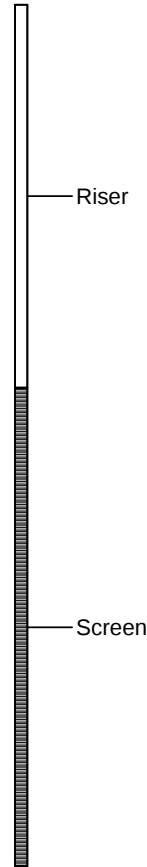
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TEMPORARY WELL TMW-2

Date/Time : 12/02/10 0855
 Total Depth of Boring : 20 feet bgs
 Total Depth of Well : 17
 Logged By : MDuet
 Drilling Method : Direct-push
 Hole Diameter : 3.25 inch
 Drilling Company : Zebra Env
 Sampling Method : Continuous

Well Screen Type : PVC
 Well Screen Slot Size : 0.01 inch
 Length of Well Screen : 10 feet
 Well Riser Type : PVC
 Length of Riser : 8 feet
 Well Diameter : 1 inch
 Well Completed as : temporary well
 Top of Casing Elev. :
 Surface Elevation : NA
 GW Elevation : 5 feet bgs

DEPTH	Sample	PID	REC	USCS	GRAPHIC	DESCRIPTION	TMW-3
0				ML		TOPSOIL, 8 inches	
	1	0.0		SM		SILTY SAND, brown, moist, weak	
				SC		SAND and CLAY, brown, medium density, moist	
	2	0.0	100				
5				SP		SAND, Poorly Graded, light brown, medium density, dry, little silt Same, but wet SAND, medium, green-grey, some brown mottling, medium density, moist Same with coarse gravel	▼
	3	0.0					
	4	0.0	80			SAND, Well Graded, medium to fine, green-grey, dry, hard, with silt	
10							
	5	0.0				SAND, Well Graded, medium to fine, brown-grey, wet, soft, trace clay	
						SAND, Poorly Graded, medium t fine, green-grey, moist, medium density	
	6	0.0	100	SW		SAND, medium, brown-grey, dry, some silt, trace coarse gravel	
15							
	7	0.0				SAND, Poorly Graded, medium to coarse, brown-grey, moist, medium density	
	8	0.0	97			Same with trace silt SAND, grey, brittle, dry	
20						END OF BORING - 20 feet bgs Sample collected at 6 to 7 feet bgs	
25							



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TEMPORARY WELL TMW-3

Appendix B

Limited Phase II Laboratory Analytical Report

Analytical Report

Work Order: RTK1123

Project Description
Poestenkill, NY Project

For:

Rebecca Kusek

GaiaTech Inc.

135 S. LaSalle St.

Chicago, IL 60603



Brian Fischer

Project Manager

Brian.Fischer@testamericainc.com

Thursday, November 18, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

TestAmerica Buffalo Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA, RCRA	NY200003
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

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TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

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DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS and /or MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
P18	Lab to filter and preserve volumes.
P7	Sample filtered in lab.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-01 (GP-3 1-2 - Solid)						Sampled: 11/12/10 10:45		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	53		28	4.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Methylene Chloride	36		5.7	2.6	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Xylenes, total	340		11	0.96	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
<u>Semivolatile Organics by GC/MS</u>										
2-Methylnaphthalene	1100	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Bis(2-ethylhexyl) phthalate	13000	D08	950	310	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Naphthalene	590	D08,J	950	16	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
<u>Total Metals by SW 846 Series Methods</u>										
Arsenic	5.1		2.3	0.5	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Barium	193		0.565	0.124	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Cadmium	0.204	J	0.226	0.034	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Chromium	17.8		0.565	0.226	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Lead	14.6		1.1	0.3	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Selenium	1.1	J	4.5	0.6	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Mercury	0.0364		0.0228	0.0092	mg/kg dry	1.00	11/17/10 13:17	JRK	10K1560	7471A
<u>General Chemistry Parameters</u>										
Percent Solids	88		0.010	NR	%	1.00	11/17/10 07:14	JRR	10K1493	Dry Weight
Sample ID: RTK1123-03 (GP-1 - Water)						Sampled: 11/12/10 12:00		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS</u>										
4-Nitroaniline	7.7	J	9.4	0.24	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Diethyl phthalate	1.4	J	4.7	0.21	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Di-n-butyl phthalate	0.75	J, B	4.7	0.29	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
<u>Dissolved Metals by SW 846 Series Methods</u>										
Barium	0.0404	P7	0.0020	0.0005	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Sample ID: RTK1123-04 (GP-2 - Water)						Sampled: 11/12/10 12:30		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS</u>										
4-Nitroaniline	3.9	J	9.6	0.24	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Diethyl phthalate	0.53	J	4.8	0.21	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Di-n-butyl phthalate	0.48	J, B	4.8	0.30	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Sample ID: RTK1123-05 (GP-3 - Water)						Sampled: 11/12/10 13:15		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1-Dichloroethane	0.55	J	1.0	0.38	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichloroethene, Total	1.8	J	2.0	0.70	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Benzene	0.53	J	1.0	0.41	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Ethylbenzene	19		1.0	0.74	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Toluene	4.0		1.0	0.51	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Trichloroethene	2.0		1.0	0.46	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Vinyl chloride	3.8		1.0	0.90	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B

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Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

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Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-05 (GP-3 - Water) - cont.					Sampled: 11/12/10 13:15			Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	110		2.0	0.66	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4-Dimethylphenol	7.3		4.8	0.48	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Methylnaphthalene	1.5	J	4.8	0.58	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Methylphenol	0.88	J	9.7	0.35	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Diethyl phthalate	0.91	J	4.8	0.21	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Di-n-butyl phthalate	0.88	J, B	4.8	0.30	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Naphthalene	1.9	J	4.8	0.73	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
<u>Dissolved Metals by SW 846 Series Methods</u>										
Arsenic	0.0099	J, P7	0.0100	0.0056	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Barium	0.419	P7	0.0020	0.0005	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Cadmium	0.0004	J, P7	0.0010	0.0003	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Lead	0.0050	P7	0.0050	0.0030	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Sample ID: RTK1123-06 (GP-4 - Water)					Sampled: 11/12/10 13:00			Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	8.2		2.0	0.70	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
cis-1,2-Dichloroethene	8.2		1.0	0.81	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Trichloroethene	15		1.0	0.46	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Vinyl chloride	1.1		1.0	0.90	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
<u>Semivolatile Organics by GC/MS</u>										
Diethyl phthalate	0.75	J	4.9	0.22	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Di-n-butyl phthalate	0.43	J, B	4.9	0.30	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C

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Work Order: RTK1123

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
GP-3 1-2	RTK1123-01	Solid	11/12/10 10:45	11/13/10 09:30	
TW-1	RTK1123-02	Water	11/12/10 09:00	11/13/10 09:30	
GP-1	RTK1123-03	Water	11/12/10 12:00	11/13/10 09:30	P18
GP-2	RTK1123-04	Water	11/12/10 12:30	11/13/10 09:30	
GP-3	RTK1123-05	Water	11/12/10 13:15	11/13/10 09:30	P18
GP-4	RTK1123-06	Water	11/12/10 13:00	11/13/10 09:30	

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-01 (GP-3 1-2 - Solid)						Sampled: 11/12/10 10:45		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.7	0.41	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,1,2,2-Tetrachloroethane	ND		5.7	0.92	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,1,2-Trichloroethane	ND		5.7	0.74	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.7	1.3	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,1-Dichloroethane	ND		5.7	0.69	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,1-Dichloroethene	ND		5.7	0.70	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2,4-Trichlorobenzene	ND		5.7	0.35	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dibromo-3-chloropropane	ND		5.7	2.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dibromoethane (EDB)	ND		5.7	0.73	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dichlorobenzene	ND		5.7	0.45	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dichloroethane	ND		5.7	0.29	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dichloroethene, Total	ND		11	3.0	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dichloropropane	ND		5.7	2.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,3-Dichlorobenzene	ND		5.7	0.29	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,4-Dichlorobenzene	ND		5.7	0.80	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
2-Butanone (MEK)	ND		28	2.1	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
2-Hexanone	ND		28	2.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
4-Methyl-2-pentanone (MIBK)	ND		28	1.9	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Acetone	53		28	4.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Benzene	ND		5.7	0.28	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Bromodichloromethane	ND		5.7	0.76	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Bromoform	ND		5.7	2.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Bromomethane	ND		5.7	0.51	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Carbon disulfide	ND		5.7	2.8	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Carbon Tetrachloride	ND		5.7	0.55	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Chlorobenzene	ND		5.7	0.75	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Chlorodibromomethane	ND		5.7	0.73	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Chloroethane	ND		5.7	1.3	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Chloroform	ND		5.7	0.35	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Chloromethane	ND		5.7	0.34	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
cis-1,2-Dichloroethene	ND		5.7	0.73	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
cis-1,3-Dichloropropene	ND		5.7	0.82	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Cyclohexane	ND		5.7	0.80	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Dichlorodifluoromethane	ND		5.7	0.47	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Ethylbenzene	ND		5.7	0.39	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Isopropylbenzene	ND		5.7	0.86	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Methyl Acetate	ND		5.7	1.1	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Methyl tert-Butyl Ether	ND		5.7	0.56	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Methylcyclohexane	ND		5.7	0.87	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Methylene Chloride	36		5.7	2.6	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Styrene	ND		5.7	0.28	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Tetrachloroethene	ND		5.7	0.76	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Toluene	ND		5.7	0.43	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
trans-1,2-Dichloroethene	ND		5.7	0.59	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
trans-1,3-Dichloropropene	ND		5.7	2.5	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Trichloroethene	ND		5.7	1.3	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-01 (GP-3 1-2 - Solid) - cont.						Sampled: 11/12/10 10:45		Recvd: 11/13/10 09:30		

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		5.7	0.54	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Vinyl chloride	ND		5.7	0.69	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
Xylenes, total	340		11	0.96	ug/kg dry	1.00	11/16/10 12:30	RJ	10K1539	8260B
1,2-Dichloroethane-d4	113 %		Surr Limits: (64-126%)				11/16/10 12:30	RJ	10K1539	8260B
4-Bromofluorobenzene	110 %		Surr Limits: (72-126%)				11/16/10 12:30	RJ	10K1539	8260B
Toluene-d8	108 %		Surr Limits: (71-125%)				11/16/10 12:30	RJ	10K1539	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND	D08	950	210	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4,6-Trichlorophenol	ND	D08	950	63	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4-Dichlorophenol	ND	D08	950	50	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4-Dimethylphenol	ND	D08	950	260	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4-Dinitrophenol	ND	D08	1900	330	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4-Dinitrotoluene	ND	D08	950	150	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,6-Dinitrotoluene	ND	D08	950	230	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Chloronaphthalene	ND	D08	950	64	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Chlorophenol	ND	D08	950	48	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Methylnaphthalene	1100	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Methylphenol	ND	D08	950	29	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Nitroaniline	ND	D08	1900	300	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2-Nitrophenol	ND	D08	950	43	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
3,3'-Dichlorobenzidine	ND	D08	950	830	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
3-Nitroaniline	ND	D08	1900	220	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4,6-Dinitro-2-methylphenol	ND	D08	1900	330	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Bromophenyl phenyl ether	ND	D08	950	300	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Chloro-3-methylphenol	ND	D08	950	39	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Chloroaniline	ND	D08	950	280	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Chlorophenyl phenyl ether	ND	D08	950	20	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Methylphenol	ND	D08	1900	53	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Nitroaniline	ND	D08	1900	110	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
4-Nitrophenol	ND	D08	1900	230	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Acenaphthene	ND	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Acenaphthylene	ND	D08	950	7.8	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Acetophenone	ND	D08	950	49	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Anthracene	ND	D08	950	24	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Atrazine	ND	D08	950	42	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzaldehyde	ND	D08	950	100	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzo(a)anthracene	ND	D08	950	16	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzo(a)pyrene	ND	D08	950	23	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzo(b)fluoranthene	ND	D08	950	18	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzo(ghi)perylene	ND	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Benzo(k)fluoranthene	ND	D08	950	10	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Biphenyl	ND	D08	950	59	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Bis(2-chloroethoxy)methane	ND	D08	950	52	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Bis(2-chloroethyl)ether	ND	D08	950	82	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,2'-Oxybis(1-Chloropropene)	ND	D08	950	99	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-01 (GP-3 1-2 - Solid) - cont.

Sampled: 11/12/10 10:45

Recvd: 11/13/10 09:30

Semivolatile Organics by GC/MS - cont.

Bis(2-ethylhexyl) phthalate	13000	D08	950	310	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Butyl benzyl phthalate	ND	D08	950	250	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Caprolactam	ND	D08	950	410	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Carbazole	ND	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Chrysene	ND	D08	950	9.5	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Dibenzo(a,h)anthracene	ND	D08	950	11	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Dibenzofuran	ND	D08	950	9.9	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Diethyl phthalate	ND	D08	950	29	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Dimethyl phthalate	ND	D08	950	25	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Di-n-butyl phthalate	ND	D08	950	330	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Di-n-octyl phthalate	ND	D08	950	22	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Fluoranthene	ND	D08	950	14	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Fluorene	ND	D08	950	22	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Hexachlorobenzene	ND	D08	950	47	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Hexachlorobutadiene	ND	D08	950	49	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Hexachlorocyclopentadiene	ND	D08	950	290	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Hexachloroethane	ND	D08	950	73	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Indeno(1,2,3-cd)pyrene	ND	D08	950	26	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Isophorone	ND	D08	950	47	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Naphthalene	590	D08,J	950	16	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Nitrobenzene	ND	D08	950	42	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
N-Nitrosodi-n-propylamine	ND	D08	950	75	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
N-Nitrosodiphenylamine	ND	D08	950	52	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Pentachlorophenol	ND	D08	1900	330	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Phenanthrene	ND	D08	950	20	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Phenol	ND	D08	950	100	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Pyrene	ND	D08	950	6.1	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
Tetraethyl-Lead	ND	D08	5600	910	ug/kg dry	5.00	11/16/10 20:49	MAF	10K1500	8270C
2,4,6-Tribromophenol	131 %	D08	Surr Limits: (39-146%)				11/16/10 20:49	MAF	10K1500	8270C
2-Fluorobiphenyl	123 %	D08,Z2	Surr Limits: (37-120%)				11/16/10 20:49	MAF	10K1500	8270C
2-Fluorophenol	84 %	D08	Surr Limits: (18-120%)				11/16/10 20:49	MAF	10K1500	8270C
Nitrobenzene-d5	109 %	D08	Surr Limits: (34-132%)				11/16/10 20:49	MAF	10K1500	8270C
Phenol-d5	105 %	D08	Surr Limits: (11-120%)				11/16/10 20:49	MAF	10K1500	8270C
p-Terphenyl-d14	122 %	D08	Surr Limits: (58-147%)				11/16/10 20:49	MAF	10K1500	8270C

Total Metals by SW 846 Series Methods

Arsenic	5.1		2.3	0.5	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Barium	193		0.565	0.124	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Cadmium	0.204	J	0.226	0.034	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Chromium	17.8		0.565	0.226	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Lead	14.6		1.1	0.3	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Selenium	1.1	J	4.5	0.6	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Silver	ND		0.565	0.226	mg/kg dry	1.00	11/17/10 22:08	MxM	10K1516	6010B
Mercury	0.0364		0.0228	0.0092	mg/kg dry	1.00	11/17/10 13:17	JRK	10K1560	7471A

General Chemistry Parameters

Percent Solids	88		0.010	NR	%	1.00	11/17/10 07:14	JRR	10K1493	Dry Weight
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GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-02 (TW-1 - Water)						Sampled: 11/12/10 09:00		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-02 (TW-1 - Water) - cont.

Sampled: 11/12/10 09:00

Recvd: 11/13/10 09:30

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/16/10 06:47	NMD	10K1505	8260B

1,2-Dichloroethane-d4	111 %		Surr Limits: (66-137%)				11/16/10 06:47	NMD	10K1505	8260B
4-Bromofluorobenzene	96 %		Surr Limits: (73-120%)				11/16/10 06:47	NMD	10K1505	8260B
Toluene-d8	105 %		Surr Limits: (71-126%)				11/16/10 06:47	NMD	10K1505	8260B

Semivolatiles Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4-Dichlorophenol	ND		4.8	0.49	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4-Dimethylphenol	ND		4.8	0.48	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4-Dinitrophenol	ND		9.6	2.1	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Chloronaphthalene	ND		4.8	0.44	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Chlorophenol	ND		4.8	0.51	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Methylnaphthalene	ND		4.8	0.58	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Methylphenol	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Nitroaniline	ND		9.6	0.40	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2-Nitrophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
3-Nitroaniline	ND		9.6	0.46	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Chloroaniline	ND		4.8	0.57	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Methylphenol	ND		9.6	0.35	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Nitroaniline	ND		9.6	0.24	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
4-Nitrophenol	ND		9.6	1.5	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Acenaphthene	ND		4.8	0.39	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Acenaphthylene	ND		4.8	0.37	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Acetophenone	ND		4.8	0.52	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Anthracene	ND		4.8	0.27	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Atrazine	ND		4.8	0.44	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzaldehyde	ND		4.8	0.26	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzo(a)anthracene	ND		4.8	0.35	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzo(a)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzo(ghi)perylene	ND		4.8	0.34	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Biphenyl	ND		4.8	0.63	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		4.8	0.50	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-02 (TW-1 - Water) - cont.						Sampled: 11/12/10 09:00		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Butyl benzyl phthalate	ND		4.8	0.40	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Caprolactam	ND		4.8	2.1	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Carbazole	ND		4.8	0.29	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Chrysene	ND		4.8	0.32	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Dibenzo(a,h)anthracene	ND		4.8	0.40	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Dibenzofuran	ND		9.6	0.49	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Diethyl phthalate	ND		4.8	0.21	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Dimethyl phthalate	ND		4.8	0.35	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Di-n-butyl phthalate	ND		4.8	0.30	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Di-n-octyl phthalate	ND		4.8	0.45	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Fluoranthene	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Fluorene	ND		4.8	0.35	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Hexachlorobenzene	ND		4.8	0.49	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Hexachlorobutadiene	ND		4.8	0.65	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Hexachloroethane	ND		4.8	0.57	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Isophorone	ND		4.8	0.41	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Naphthalene	ND		4.8	0.73	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Nitrobenzene	ND		4.8	0.28	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Pentachlorophenol	ND		9.6	2.1	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Phenanthrene	ND		4.8	0.42	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Phenol	ND		4.8	0.38	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
Pyrene	ND		4.8	0.33	ug/L	1.00	11/17/10 22:42	JLG	10K1499	8270C
2,4,6-Tribromophenol	103 %		Surr Limits: (52-132%)				11/17/10 22:42	JLG	10K1499	8270C
2-Fluorobiphenyl	81 %		Surr Limits: (48-120%)				11/17/10 22:42	JLG	10K1499	8270C
2-Fluorophenol	43 %		Surr Limits: (20-120%)				11/17/10 22:42	JLG	10K1499	8270C
Nitrobenzene-d5	78 %		Surr Limits: (46-120%)				11/17/10 22:42	JLG	10K1499	8270C
Phenol-d5	32 %		Surr Limits: (16-120%)				11/17/10 22:42	JLG	10K1499	8270C
p-Terphenyl-d14	92 %		Surr Limits: (24-136%)				11/17/10 22:42	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-03 (GP-1 - Water)						Sampled: 11/12/10 12:00		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-03 (GP-1 - Water) - cont.

Sampled: 11/12/10 12:00

Recvd: 11/13/10 09:30

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/16/10 07:10	NMD	10K1505	8260B

1,2-Dichloroethane-d4	111 %		Surr Limits: (66-137%)				11/16/10 07:10	NMD	10K1505	8260B
4-Bromofluorobenzene	93 %		Surr Limits: (73-120%)				11/16/10 07:10	NMD	10K1505	8260B
Toluene-d8	101 %		Surr Limits: (71-126%)				11/16/10 07:10	NMD	10K1505	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,4-Dichlorophenol	ND		4.7	0.48	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,4-Dimethylphenol	ND		4.7	0.47	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,4-Dinitrophenol	ND		9.4	2.1	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Chloronaphthalene	ND		4.7	0.43	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Chlorophenol	ND		4.7	0.50	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Methylnaphthalene	ND		4.7	0.57	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Methylphenol	ND		4.7	0.38	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Nitroaniline	ND		9.4	0.40	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2-Nitrophenol	ND		4.7	0.45	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
3-Nitroaniline	ND		9.4	0.45	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Chloroaniline	ND		4.7	0.56	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Methylphenol	ND		9.4	0.34	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Nitroaniline	7.7	J	9.4	0.24	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
4-Nitrophenol	ND		9.4	1.4	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Acenaphthene	ND		4.7	0.39	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Acenaphthylene	ND		4.7	0.36	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Acetophenone	ND		4.7	0.51	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Anthracene	ND		4.7	0.26	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Atrazine	ND		4.7	0.43	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzaldehyde	ND		4.7	0.25	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzo(a)anthracene	ND		4.7	0.34	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzo(a)pyrene	ND		4.7	0.44	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzo(ghi)perylene	ND		4.7	0.33	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Biphenyl	ND		4.7	0.62	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.7	0.49	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-03 (GP-1 - Water) - cont.

Sampled: 11/12/10 12:00

Recvd: 11/13/10 09:30

Semivolatile Organics by GC/MS - cont.

Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Butyl benzyl phthalate	ND		4.7	0.40	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Caprolactam	ND		4.7	2.1	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Carbazole	ND		4.7	0.28	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Chrysene	ND		4.7	0.31	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Dibenzo(a,h)anthracene	ND		4.7	0.40	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Dibenzofuran	ND		9.4	0.48	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Diethyl phthalate	1.4	J	4.7	0.21	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Dimethyl phthalate	ND		4.7	0.34	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Di-n-butyl phthalate	0.75	J, B	4.7	0.29	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Di-n-octyl phthalate	ND		4.7	0.44	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Fluoranthene	ND		4.7	0.38	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Fluorene	ND		4.7	0.34	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Hexachlorobenzene	ND		4.7	0.48	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Hexachlorobutadiene	ND		4.7	0.64	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Hexachloroethane	ND		4.7	0.56	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Isophorone	ND		4.7	0.41	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Naphthalene	ND		4.7	0.72	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Nitrobenzene	ND		4.7	0.27	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Pentachlorophenol	ND		9.4	2.1	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Phenanthrene	ND		4.7	0.42	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Phenol	ND		4.7	0.37	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C
Pyrene	ND		4.7	0.32	ug/L	1.00	11/17/10 23:06	JLG	10K1499	8270C

2,4,6-Tribromophenol	66 %	Surr Limits: (52-132%)	11/17/10 23:06	JLG	10K1499	8270C
2-Fluorobiphenyl	84 %	Surr Limits: (48-120%)	11/17/10 23:06	JLG	10K1499	8270C
2-Fluorophenol	43 %	Surr Limits: (20-120%)	11/17/10 23:06	JLG	10K1499	8270C
Nitrobenzene-d5	85 %	Surr Limits: (46-120%)	11/17/10 23:06	JLG	10K1499	8270C
Phenol-d5	34 %	Surr Limits: (16-120%)	11/17/10 23:06	JLG	10K1499	8270C
p-Terphenyl-d14	52 %	Surr Limits: (24-136%)	11/17/10 23:06	JLG	10K1499	8270C

Dissolved Metals by SW 846 Series Methods

Arsenic	ND	P7	0.0100	0.0056	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Barium	0.0404	P7	0.0020	0.0005	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Cadmium	ND	P7	0.0010	0.0003	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Chromium	ND	P7	0.0040	0.0009	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Lead	ND	P7	0.0050	0.0030	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Selenium	ND	P7	0.0150	0.0087	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Silver	ND	P7	0.0030	0.0017	mg/L	1.00	11/17/10 20:58	AMH	10K1510	6010B
Mercury	ND		0.0002	0.0001	mg/L	1.00	11/17/10 13:19	JRK	10K1557	7470A

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-04 (GP-2 - Water)						Sampled: 11/12/10 12:30		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-04 (GP-2 - Water) - cont.

Sampled: 11/12/10 12:30

Recvd: 11/13/10 09:30

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/16/10 07:33	NMD	10K1505	8260B

1,2-Dichloroethane-d4	112 %		Surr Limits: (66-137%)				11/16/10 07:33	NMD	10K1505	8260B
4-Bromofluorobenzene	99 %		Surr Limits: (73-120%)				11/16/10 07:33	NMD	10K1505	8260B
Toluene-d8	108 %		Surr Limits: (71-126%)				11/16/10 07:33	NMD	10K1505	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4-Dichlorophenol	ND		4.8	0.49	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4-Dimethylphenol	ND		4.8	0.48	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4-Dinitrophenol	ND		9.6	2.1	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,6-Dinitrotoluene	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Chloronaphthalene	ND		4.8	0.44	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Chlorophenol	ND		4.8	0.51	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Methylnaphthalene	ND		4.8	0.58	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Methylphenol	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Nitroaniline	ND		9.6	0.40	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2-Nitrophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
3,3'-Dichlorobenzidine	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
3-Nitroaniline	ND		9.6	0.46	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4,6-Dinitro-2-methylphenol	ND		9.6	2.1	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Chloroaniline	ND		4.8	0.57	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Methylphenol	ND		9.6	0.35	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Nitroaniline	3.9	J	9.6	0.24	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
4-Nitrophenol	ND		9.6	1.5	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Acenaphthene	ND		4.8	0.39	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Acenaphthylene	ND		4.8	0.37	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Acetophenone	ND		4.8	0.52	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Anthracene	ND		4.8	0.27	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Atrazine	ND		4.8	0.44	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzaldehyde	ND		4.8	0.26	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzo(a)anthracene	ND		4.8	0.35	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzo(a)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzo(ghi)perylene	ND		4.8	0.34	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Benzo(k)fluoranthene	ND		4.8	0.70	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Biphenyl	ND		4.8	0.63	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Bis(2-chloroethyl)ether	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.8	0.50	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-04 (GP-2 - Water) - cont.						Sampled: 11/12/10 12:30		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Butyl benzyl phthalate	ND		4.8	0.40	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Caprolactam	ND		4.8	2.1	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Carbazole	ND		4.8	0.29	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Chrysene	ND		4.8	0.32	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Dibenzo(a,h)anthracene	ND		4.8	0.40	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Dibenzofuran	ND		9.6	0.49	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Diethyl phthalate	0.53	J	4.8	0.21	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Dimethyl phthalate	ND		4.8	0.35	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Di-n-butyl phthalate	0.48	J, B	4.8	0.30	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Di-n-octyl phthalate	ND		4.8	0.45	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Fluoranthene	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Fluorene	ND		4.8	0.35	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Hexachlorobenzene	ND		4.8	0.49	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Hexachlorobutadiene	ND		4.8	0.65	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Hexachloroethane	ND		4.8	0.57	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Isophorone	ND		4.8	0.41	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Naphthalene	ND		4.8	0.73	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Nitrobenzene	ND		4.8	0.28	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Pentachlorophenol	ND		9.6	2.1	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Phenanthrene	ND		4.8	0.42	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Phenol	ND		4.8	0.38	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
Pyrene	ND		4.8	0.33	ug/L	1.00	11/17/10 23:29	JLG	10K1499	8270C
2,4,6-Tribromophenol	53 %		Surr Limits: (52-132%)				11/17/10 23:29	JLG	10K1499	8270C
2-Fluorobiphenyl	79 %		Surr Limits: (48-120%)				11/17/10 23:29	JLG	10K1499	8270C
2-Fluorophenol	37 %		Surr Limits: (20-120%)				11/17/10 23:29	JLG	10K1499	8270C
Nitrobenzene-d5	76 %		Surr Limits: (46-120%)				11/17/10 23:29	JLG	10K1499	8270C
Phenol-d5	30 %		Surr Limits: (16-120%)				11/17/10 23:29	JLG	10K1499	8270C
p-Terphenyl-d14	51 %		Surr Limits: (24-136%)				11/17/10 23:29	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-05 (GP-3 - Water)						Sampled: 11/12/10 13:15		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,1-Dichloroethane	0.55	J	1.0	0.38	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichloroethene, Total	1.8	J	2.0	0.70	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Benzene	0.53	J	1.0	0.41	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Ethylbenzene	19		1.0	0.74	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Toluene	4.0		1.0	0.51	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Trichloroethene	2.0		1.0	0.46	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-05 (GP-3 - Water) - cont.						Sampled: 11/12/10 13:15		Recvd: 11/13/10 09:30		

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Vinyl chloride	3.8		1.0	0.90	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
Xylenes, total	110		2.0	0.66	ug/L	1.00	11/16/10 07:56	NMD	10K1505	8260B
1,2-Dichloroethane-d4	111 %		Surr Limits: (66-137%)				11/16/10 07:56	NMD	10K1505	8260B
4-Bromofluorobenzene	115 %		Surr Limits: (73-120%)				11/16/10 07:56	NMD	10K1505	8260B
Toluene-d8	106 %		Surr Limits: (71-126%)				11/16/10 07:56	NMD	10K1505	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4,6-Trichlorophenol	ND		4.8	0.59	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4-Dichlorophenol	ND		4.8	0.49	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4-Dimethylphenol	7.3		4.8	0.48	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4-Dinitrophenol	ND		9.7	2.1	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,6-Dinitrotoluene	ND		4.8	0.39	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Chloronaphthalene	ND		4.8	0.44	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Chlorophenol	ND		4.8	0.51	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Methylnaphthalene	1.5	J	4.8	0.58	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Methylphenol	ND		4.8	0.39	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Nitroaniline	ND		9.7	0.41	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2-Nitrophenol	ND		4.8	0.46	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
3,3'-Dichlorobenzidine	ND		4.8	0.39	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
3-Nitroaniline	ND		9.7	0.46	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4,6-Dinitro-2-methylphenol	ND		9.7	2.1	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Bromophenyl phenyl ether	ND		4.8	0.43	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Chloro-3-methylphenol	ND		4.8	0.43	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Chloroaniline	ND		4.8	0.57	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Chlorophenyl phenyl ether	ND		4.8	0.34	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Methylphenol	0.88	J	9.7	0.35	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Nitroaniline	ND		9.7	0.24	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
4-Nitrophenol	ND		9.7	1.5	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Acenaphthene	ND		4.8	0.40	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Acenaphthylene	ND		4.8	0.37	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Acetophenone	ND		4.8	0.52	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Anthracene	ND		4.8	0.27	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Atrazine	ND		4.8	0.44	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzaldehyde	ND		4.8	0.26	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzo(a)anthracene	ND		4.8	0.35	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzo(a)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzo(b)fluoranthene	ND		4.8	0.33	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzo(ghi)perylene	ND		4.8	0.34	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Benzo(k)fluoranthene	ND		4.8	0.71	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Biphenyl	ND		4.8	0.63	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Bis(2-chloroethoxy)methane	ND		4.8	0.34	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Bis(2-chloroethyl)ether	ND		4.8	0.39	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.8	0.50	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-05 (GP-3 - Water) - cont.						Sampled: 11/12/10 13:15		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND		4.8	1.7	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Butyl benzyl phthalate	ND		4.8	0.41	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Caprolactam	ND		4.8	2.1	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Carbazole	ND		4.8	0.29	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Chrysene	ND		4.8	0.32	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Dibenzo(a,h)anthracene	ND		4.8	0.41	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Dibenzofuran	ND		9.7	0.49	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Diethyl phthalate	0.91	J	4.8	0.21	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Dimethyl phthalate	ND		4.8	0.35	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Di-n-butyl phthalate	0.88	J, B	4.8	0.30	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Di-n-octyl phthalate	ND		4.8	0.45	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Fluoranthene	ND		4.8	0.39	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Fluorene	ND		4.8	0.35	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Hexachlorobenzene	ND		4.8	0.49	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Hexachlorobutadiene	ND		4.8	0.66	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Hexachlorocyclopentadiene	ND		4.8	0.57	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Hexachloroethane	ND		4.8	0.57	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Indeno(1,2,3-cd)pyrene	ND		4.8	0.45	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Isophorone	ND		4.8	0.42	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Naphthalene	1.9	J	4.8	0.73	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Nitrobenzene	ND		4.8	0.28	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
N-Nitrosodi-n-propylamine	ND		4.8	0.52	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
N-Nitrosodiphenylamine	ND		4.8	0.49	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Pentachlorophenol	ND		9.7	2.1	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Phenanthrene	ND		4.8	0.43	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Phenol	ND		4.8	0.38	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
Pyrene	ND		4.8	0.33	ug/L	1.00	11/17/10 23:53	JLG	10K1499	8270C
2,4,6-Tribromophenol	104 %		Surr Limits: (52-132%)				11/17/10 23:53	JLG	10K1499	8270C
2-Fluorobiphenyl	83 %		Surr Limits: (48-120%)				11/17/10 23:53	JLG	10K1499	8270C
2-Fluorophenol	45 %		Surr Limits: (20-120%)				11/17/10 23:53	JLG	10K1499	8270C
Nitrobenzene-d5	81 %		Surr Limits: (46-120%)				11/17/10 23:53	JLG	10K1499	8270C
Phenol-d5	34 %		Surr Limits: (16-120%)				11/17/10 23:53	JLG	10K1499	8270C
p-Terphenyl-d14	54 %		Surr Limits: (24-136%)				11/17/10 23:53	JLG	10K1499	8270C
<u>Dissolved Metals by SW 846 Series Methods</u>										
Arsenic	0.0099	J, P7	0.0100	0.0056	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Barium	0.419	P7	0.0020	0.0005	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Cadmium	0.0004	J, P7	0.0010	0.0003	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Chromium	ND	P7	0.0040	0.0009	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Lead	0.0050	P7	0.0050	0.0030	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Selenium	ND	P7	0.0150	0.0087	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Silver	ND	P7	0.0030	0.0017	mg/L	1.00	11/17/10 21:01	AMH	10K1510	6010B
Mercury	ND		0.0002	0.0001	ma/L	1.00	11/17/10 13:20	JRK	10K1557	7470A

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-06 (GP-4 - Water)						Sampled: 11/12/10 13:00		Recvd: 11/13/10 09:30		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dichloroethene, Total	8.2		2.0	0.70	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
cis-1,2-Dichloroethene	8.2		1.0	0.81	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Trichloroethene	15		1.0	0.46	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1123-06 (GP-4 - Water) - cont.

Sampled: 11/12/10 13:00

Recvd: 11/13/10 09:30

Volatile Organic Compounds by EPA 8260B - cont.

Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Vinyl chloride	1.1		1.0	0.90	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/16/10 12:51	LH	10K1538	8260B

1,2-Dichloroethane-d4	95 %		Surr Limits: (66-137%)				11/16/10 12:51	LH	10K1538	8260B
4-Bromofluorobenzene	98 %		Surr Limits: (73-120%)				11/16/10 12:51	LH	10K1538	8260B
Toluene-d8	121 %		Surr Limits: (71-126%)				11/16/10 12:51	LH	10K1538	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		4.9	0.47	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4,6-Trichlorophenol	ND		4.9	0.60	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4-Dichlorophenol	ND		4.9	0.50	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4-Dimethylphenol	ND		4.9	0.49	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4-Dinitrophenol	ND		9.8	2.2	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4-Dinitrotoluene	ND		4.9	0.44	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,6-Dinitrotoluene	ND		4.9	0.39	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Chloronaphthalene	ND		4.9	0.45	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Chlorophenol	ND		4.9	0.52	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Methylnaphthalene	ND		4.9	0.59	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Methylphenol	ND		4.9	0.39	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Nitroaniline	ND		9.8	0.41	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2-Nitrophenol	ND		4.9	0.47	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
3,3'-Dichlorobenzidine	ND		4.9	0.39	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
3-Nitroaniline	ND		9.8	0.47	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4,6-Dinitro-2-methylphenol	ND		9.8	2.2	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Bromophenyl phenyl ether	ND		4.9	0.44	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Chloro-3-methylphenol	ND		4.9	0.44	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Chloroaniline	ND		4.9	0.58	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Chlorophenyl phenyl ether	ND		4.9	0.34	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Methylphenol	ND		9.8	0.35	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Nitroaniline	ND		9.8	0.25	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
4-Nitrophenol	ND		9.8	1.5	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Acenaphthene	ND		4.9	0.40	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Acenaphthylene	ND		4.9	0.37	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Acetophenone	ND		4.9	0.53	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Anthracene	ND		4.9	0.27	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Atrazine	ND		4.9	0.45	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzaldehyde	ND		4.9	0.26	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzo(a)anthracene	ND		4.9	0.35	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzo(a)pyrene	ND		4.9	0.46	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzo(b)fluoranthene	ND		4.9	0.33	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzo(ghi)perylene	ND		4.9	0.34	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Benzo(k)fluoranthene	ND		4.9	0.72	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Biphenyl	ND		4.9	0.64	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Bis(2-chloroethoxy)methane	ND		4.9	0.34	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Bis(2-chloroethyl)ether	ND		4.9	0.39	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,2'-Oxybis(1-Chloropropene)	ND		4.9	0.51	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1123-06 (GP-4 - Water) - cont.						Sampled: 11/12/10 13:00		Recvd: 11/13/10 09:30		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND		4.9	1.8	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Butyl benzyl phthalate	ND		4.9	0.41	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Caprolactam	ND		4.9	2.2	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Carbazole	ND		4.9	0.29	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Chrysene	ND		4.9	0.32	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Dibenzo(a,h)anthracene	ND		4.9	0.41	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Dibenzofuran	ND		9.8	0.50	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Diethyl phthalate	0.75	J	4.9	0.22	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Dimethyl phthalate	ND		4.9	0.35	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Di-n-butyl phthalate	0.43	J, B	4.9	0.30	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Di-n-octyl phthalate	ND		4.9	0.46	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Fluoranthene	ND		4.9	0.39	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Fluorene	ND		4.9	0.35	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Hexachlorobenzene	ND		4.9	0.50	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Hexachlorobutadiene	ND		4.9	0.67	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Hexachlorocyclopentadiene	ND		4.9	0.58	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Hexachloroethane	ND		4.9	0.58	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Indeno(1,2,3-cd)pyrene	ND		4.9	0.46	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Isophorone	ND		4.9	0.42	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Naphthalene	ND		4.9	0.75	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Nitrobenzene	ND		4.9	0.28	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
N-Nitrosodi-n-propylamine	ND		4.9	0.53	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
N-Nitrosodiphenylamine	ND		4.9	0.50	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Pentachlorophenol	ND		9.8	2.2	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Phenanthrene	ND		4.9	0.43	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Phenol	ND		4.9	0.38	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
Pyrene	ND		4.9	0.33	ug/L	1.00	11/18/10 00:17	JLG	10K1499	8270C
2,4,6-Tribromophenol	102 %		Surr Limits: (52-132%)				11/18/10 00:17	JLG	10K1499	8270C
2-Fluorobiphenyl	74 %		Surr Limits: (48-120%)				11/18/10 00:17	JLG	10K1499	8270C
2-Fluorophenol	33 %		Surr Limits: (20-120%)				11/18/10 00:17	JLG	10K1499	8270C
Nitrobenzene-d5	66 %		Surr Limits: (46-120%)				11/18/10 00:17	JLG	10K1499	8270C
Phenol-d5	27 %		Surr Limits: (16-120%)				11/18/10 00:17	JLG	10K1499	8270C
p-Terphenyl-d14	59 %		Surr Limits: (24-136%)				11/18/10 00:17	JLG	10K1499	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Dissolved Metals by SW 846 Series Methods									
6010B	10K1510	RTK1123-03	50.00	mL	50.00	mL	11/16/10 11:50	MDM	3005A
6010B	10K1510	RTK1123-05	50.00	mL	50.00	mL	11/16/10 11:50	MDM	3005A
7470A	10K1557	RTK1123-03	30.00	mL	50.00	mL	11/17/10 10:15	JRK	7470A
7470A	10K1557	RTK1123-05	30.00	mL	50.00	mL	11/17/10 10:15	JRK	7470A
General Chemistry Parameters									
Dry Weight	10K1493	RTK1123-01	10.00	g	10.00	g	11/15/10 15:32	JRR	Dry Weight
Semivolatile Organics by GC/MS									
8270C	10K1500	RTK1123-01	30.41	g	1.00	mL	11/16/10 08:00	CXM	3550B MB
8270C	10K1499	RTK1123-06	1,020.00	mL	1.00	mL	11/16/10 10:00	JXB	3510C MB
8270C	10K1499	RTK1123-05	1,035.00	mL	1.00	mL	11/16/10 10:00	JXB	3510C MB
8270C	10K1499	RTK1123-02	1,040.00	mL	1.00	mL	11/16/10 10:00	JXB	3510C MB
8270C	10K1499	RTK1123-04	1,040.00	mL	1.00	mL	11/16/10 10:00	JXB	3510C MB
8270C	10K1499	RTK1123-03	1,060.00	mL	1.00	mL	11/16/10 10:00	JXB	3510C MB
Total Metals by SW 846 Series Methods									
6010B	10K1516	RTK1123-01	0.50	g	50.00	mL	11/16/10 11:50	MDM	3050B
7471A	10K1560	RTK1123-01	0.60	g	50.00	mL	11/17/10 11:30	JRK	7471A_
Volatile Organic Compounds by EPA 8260B									
8260B	10K1538	RTK1123-06	5.00	mL	5.00	mL	11/16/10 10:19	LCH	5030B MS
8260B	10K1505	RTK1123-02	5.00	mL	5.00	mL	11/15/10 19:40	NMD	5030B MS
8260B	10K1505	RTK1123-03	5.00	mL	5.00	mL	11/15/10 19:40	NMD	5030B MS
8260B	10K1505	RTK1123-04	5.00	mL	5.00	mL	11/15/10 19:40	NMD	5030B MS
8260B	10K1505	RTK1123-05	5.00	mL	5.00	mL	11/15/10 19:40	NMD	5030B MS
8260B	10K1539	RTK1123-01	5.00	g	5.00	mL	11/16/10 09:27	RMJ	5030B MS

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/15/10 (Lab Number:10K1505-BLK1, Batch: 10K1505)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1123

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/15/10 (Lab Number:10K1505-BLK1, Batch: 10K1505)											
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
<i>Surrogate:</i>							95	66-137			
<i>1,2-Dichloroethane-d4</i>											
<i>Surrogate:</i>							103	73-120			
<i>4-Bromofluorobenzene</i>											
<i>Surrogate: Toluene-d8</i>							107	71-126			
LCS Analyzed: 11/15/10 (Lab Number:10K1505-BS1, Batch: 10K1505)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	23.9	95	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	22.3	89	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	26.7	107	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	23.3	93	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	48.7		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			

GaiaTech Inc.
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Work Order: RTK1123
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/15/10 (Lab Number:10K1505-BS1, Batch: 10K1505)											
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	25.3	101	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	26.8	107	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	24.2	97	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	26.7	107	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	19.7	79	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	ND		57-132			
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	27.7	111	74-122			
Toluene		25.0	1.0	0.51	ug/L	25.5	102	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	24.5	98	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	25.4	101	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	80.1	107	76-122			
Surrogate:					ug/L		94	66-137			
1,2-Dichloroethane-d4											
Surrogate:					ug/L		105	73-120			
4-Bromofluorobenzene											

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Project: Poestenkill, NY Project
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Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 11/15/10 (Lab Number:10K1505-BS1, Batch: 10K1505)

Surrogate: Toluene-d8 ug/L 108 71-126

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 11/16/10 (Lab Number:10K1538-BLK1, Batch: 10K1538)

1,1,1-Trichloroethane	1.0	0.82	ug/L	ND
1,1,2,2-Tetrachloroethane	1.0	0.21	ug/L	ND
1,1,2-Trichloroethane	1.0	0.23	ug/L	ND
1,1,2-Trichlorotrifluoroethane	1.0	0.31	ug/L	ND
1,1-Dichloroethane	1.0	0.38	ug/L	ND
1,1-Dichloroethene	1.0	0.29	ug/L	ND
1,2,4-Trichlorobenzene	1.0	0.41	ug/L	ND
1,2-Dibromo-3-chloropropane	1.0	0.39	ug/L	ND
1,2-Dibromoethane (EDB)	1.0	0.73	ug/L	ND
1,2-Dichlorobenzene	1.0	0.79	ug/L	ND
1,2-Dichloroethane	1.0	0.21	ug/L	ND
1,2-Dichloroethene, Total	2.0	0.70	ug/L	ND
1,2-Dichloropropane	1.0	0.72	ug/L	ND
1,3-Dichlorobenzene	1.0	0.78	ug/L	ND
1,4-Dichlorobenzene	1.0	0.84	ug/L	ND
2-Butanone (MEK)	10	1.3	ug/L	ND
2-Hexanone	5.0	1.2	ug/L	ND
4-Methyl-2-pentanone (MIBK)	5.0	2.1	ug/L	ND
Acetone	10	3.0	ug/L	ND
Benzene	1.0	0.41	ug/L	ND
Bromodichloromethane	1.0	0.39	ug/L	ND
Bromoform	1.0	0.26	ug/L	ND
Bromomethane	1.0	0.69	ug/L	ND
Carbon disulfide	1.0	0.19	ug/L	ND
Carbon Tetrachloride	1.0	0.27	ug/L	ND
Chlorobenzene	1.0	0.75	ug/L	ND
Chlorodibromomethane	1.0	0.32	ug/L	ND
Chloroethane	1.0	0.32	ug/L	ND
Chloroform	1.0	0.34	ug/L	ND
Chloromethane	1.0	0.35	ug/L	ND
cis-1,2-Dichloroethene	1.0	0.81	ug/L	ND
cis-1,3-Dichloropropene	1.0	0.36	ug/L	ND
Cyclohexane	1.0	0.18	ug/L	ND
Dichlorodifluoromethane	1.0	0.68	ug/L	ND

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/16/10 (Lab Number:10K1538-BLK1, Batch: 10K1538)											
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate:					ug/L		110	66-137			
1,2-Dichloroethane-d4					ug/L		98	73-120			
Surrogate:					ug/L		107	71-126			
4-Bromofluorobenzene					ug/L		107	71-126			
Surrogate: Toluene-d8					ug/L		107	71-126			
LCS Analyzed: 11/16/10 (Lab Number:10K1538-BS1, Batch: 10K1538)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	25.1	100	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	23.0	92	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	27.2	109	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	27.2	109	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	49.4		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1538-BS1, Batch: 10K1538)											
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	25.6	102	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	26.3	105	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	24.6	99	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	26.3	105	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	20.4	82	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	ND		57-132			
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	26.3	105	74-122			
Toluene		25.0	1.0	0.51	ug/L	24.5	98	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	24.7	99	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	26.4	105	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	75.7	101	76-122			
Surrogate:					ug/L		110	66-137			
1,2-Dichloroethane-d4											

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											

LCS Analyzed: 11/16/10 (Lab Number:10K1538-BS1, Batch: 10K1538)

Surrogate:					ug/L		97	73-120			
4-Bromofluorobenzene											
Surrogate: Toluene-d8					ug/L		102	71-126			

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 11/16/10 (Lab Number:10K1539-BLK1, Batch: 10K1539)

1,1,1-Trichloroethane	5.0	0.36	ug/kg wet	ND
1,1,2,2-Tetrachloroethane	5.0	0.81	ug/kg wet	ND
1,1,2-Trichloroethane	5.0	0.65	ug/kg wet	ND
1,1,2-Trichlorotrifluoroethane	5.0	1.1	ug/kg wet	ND
1,1-Dichloroethane	5.0	0.61	ug/kg wet	ND
1,1-Dichloroethene	5.0	0.61	ug/kg wet	ND
1,2,4-Trichlorobenzene	5.0	0.30	ug/kg wet	ND
1,2-Dibromo-3-chloropropane	5.0	2.5	ug/kg wet	ND
1,2-Dibromoethane (EDB)	5.0	0.64	ug/kg wet	ND
1,2-Dichlorobenzene	5.0	0.39	ug/kg wet	ND
1,2-Dichloroethane	5.0	0.25	ug/kg wet	ND
1,2-Dichloroethene, Total	10	2.6	ug/kg wet	ND
1,2-Dichloropropane	5.0	2.5	ug/kg wet	ND
1,3-Dichlorobenzene	5.0	0.26	ug/kg wet	ND
1,4-Dichlorobenzene	5.0	0.70	ug/kg wet	ND
2-Butanone (MEK)	25	1.8	ug/kg wet	ND
2-Hexanone	25	2.5	ug/kg wet	ND
4-Methyl-2-pentanone (MIBK)	25	1.6	ug/kg wet	ND
Acetone	25	4.2	ug/kg wet	ND
Benzene	5.0	0.24	ug/kg wet	ND
Bromodichloromethane	5.0	0.67	ug/kg wet	ND
Bromoform	5.0	2.5	ug/kg wet	ND
Bromomethane	5.0	0.45	ug/kg wet	ND
Carbon disulfide	5.0	2.5	ug/kg wet	ND
Carbon Tetrachloride	5.0	0.48	ug/kg wet	ND
Chlorobenzene	5.0	0.66	ug/kg wet	ND
Chlorodibromomethane	5.0	0.64	ug/kg wet	ND
Chloroethane	5.0	1.1	ug/kg wet	ND
Chloroform	5.0	0.31	ug/kg wet	ND
Chloromethane	5.0	0.30	ug/kg wet	ND

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Work Order: RTK1123
Project: Poestenkill, NY Project
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 11/16/10 (Lab Number:10K1539-BLK1, Batch: 10K1539)

cis-1,2-Dichloroethene			5.0	0.64	ug/kg wet	ND					
cis-1,3-Dichloropropene			5.0	0.72	ug/kg wet	ND					
Cyclohexane			5.0	0.70	ug/kg wet	ND					
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND					
Ethylbenzene			5.0	0.34	ug/kg wet	ND					
Isopropylbenzene			5.0	0.75	ug/kg wet	ND					
Methyl Acetate			5.0	0.93	ug/kg wet	ND					
Methyl tert-Butyl Ether			5.0	0.49	ug/kg wet	ND					
Methylcyclohexane			5.0	0.76	ug/kg wet	ND					
Methylene Chloride			5.0	2.3	ug/kg wet	ND					
Styrene			5.0	0.25	ug/kg wet	ND					
Tetrachloroethene			5.0	0.67	ug/kg wet	ND					
Toluene			5.0	0.38	ug/kg wet	ND					
trans-1,2-Dichloroethene			5.0	0.52	ug/kg wet	ND					
trans-1,3-Dichloropropene			5.0	2.2	ug/kg wet	ND					
Trichloroethene			5.0	1.1	ug/kg wet	ND					
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND					
Vinyl chloride			5.0	0.61	ug/kg wet	ND					
Xylenes, total			10	0.84	ug/kg wet	ND					

Surrogate:					ug/kg wet		94	64-126			
1,2-Dichloroethane-d4											
Surrogate:					ug/kg wet		100	72-126			
4-Bromofluorobenzene											
Surrogate: Toluene-d8					ug/kg wet		104	71-125			

LCS Analyzed: 11/16/10 (Lab Number:10K1539-BS1, Batch: 10K1539)

1,1,1-Trichloroethane			5.0	0.36	ug/kg wet	ND		77-121			
1,1,2,2-Tetrachloroethane			5.0	0.81	ug/kg wet	ND		80-120			
1,1,2-Trichloroethane			5.0	0.65	ug/kg wet	ND		78-122			
1,1,2-Trichlorotrifluoroethane			5.0	1.1	ug/kg wet	ND		60-140			
1,1-Dichloroethane		50.0	5.0	0.61	ug/kg wet	48.6	97	79-126			
1,1-Dichloroethene		50.0	5.0	0.61	ug/kg wet	50.5	101	65-153			
1,2,4-Trichlorobenzene			5.0	0.30	ug/kg wet	ND		64-120			
1,2-Dibromo-3-chloropropane			5.0	2.5	ug/kg wet	ND		63-124			
1,2-Dibromoethane (EDB)			5.0	0.64	ug/kg wet	ND		78-120			
1,2-Dichlorobenzene		50.0	5.0	0.39	ug/kg wet	45.3	91	75-120			
1,2-Dichloroethane		50.0	5.0	0.25	ug/kg wet	45.5	91	77-122			

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Work Order: RTK1123
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1539-BS1, Batch: 10K1539)											
1,2-Dichloroethene, Total			10	2.6	ug/kg wet	99.1		82-120			
1,2-Dichloropropane			5.0	2.5	ug/kg wet	ND		75-124			
1,3-Dichlorobenzene			5.0	0.26	ug/kg wet	ND		74-120			
1,4-Dichlorobenzene			5.0	0.70	ug/kg wet	ND		73-120			
2-Butanone (MEK)			25	1.8	ug/kg wet	ND		70-134			
2-Hexanone			25	2.5	ug/kg wet	ND		59-130			
4-Methyl-2-pentanone (MIBK)			25	1.6	ug/kg wet	ND		65-133			
Acetone			25	4.2	ug/kg wet	ND		61-137			
Benzene		50.0	5.0	0.24	ug/kg wet	48.6	97	79-127			
Bromodichloromethane			5.0	0.67	ug/kg wet	ND		80-122			
Bromoform			5.0	2.5	ug/kg wet	ND		68-126			
Bromomethane			5.0	0.45	ug/kg wet	ND		37-149			
Carbon disulfide			5.0	2.5	ug/kg wet	ND		64-131			
Carbon Tetrachloride			5.0	0.48	ug/kg wet	ND		75-135			
Chlorobenzene		50.0	5.0	0.66	ug/kg wet	49.2	98	76-124			
Chlorodibromomethane			5.0	0.64	ug/kg wet	ND		76-125			
Chloroethane			5.0	1.1	ug/kg wet	ND		69-135			
Chloroform			5.0	0.31	ug/kg wet	ND		80-118			
Chloromethane			5.0	0.30	ug/kg wet	ND		63-127			
cis-1,2-Dichloroethene		50.0	5.0	0.64	ug/kg wet	48.6	97	81-117			
cis-1,3-Dichloropropene			5.0	0.72	ug/kg wet	ND		82-120			
Cyclohexane			5.0	0.70	ug/kg wet	ND		70-130			
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND		57-142			
Ethylbenzene		50.0	5.0	0.34	ug/kg wet	48.9	98	80-120			
Isopropylbenzene			5.0	0.75	ug/kg wet	ND		72-120			
Methyl Acetate			5.0	0.93	ug/kg wet	ND		60-140			
Methyl tert-Butyl Ether		50.0	5.0	0.49	ug/kg wet	43.5	87	63-125			
Methylcyclohexane			5.0	0.76	ug/kg wet	ND		60-140			
Methylene Chloride			5.0	2.3	ug/kg wet	ND		61-127			
Styrene			5.0	0.25	ug/kg wet	ND		80-120			
Tetrachloroethene		50.0	5.0	0.67	ug/kg wet	52.3	105	74-122			
Toluene		50.0	5.0	0.38	ug/kg wet	45.7	91	74-128			
trans-1,2-Dichloroethene		50.0	5.0	0.52	ug/kg wet	50.6	101	78-126			
trans-1,3-Dichloropropene			5.0	2.2	ug/kg wet	ND		73-123			
Trichloroethene		50.0	5.0	1.1	ug/kg wet	47.9	96	77-129			
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND		65-146			
Vinyl chloride			5.0	0.61	ug/kg wet	ND		61-133			

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Work Order: RTK1123

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Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1539-BS1, Batch: 10K1539)											
Xylenes, total		150	10	0.84	ug/kg wet	149	99	80-120			
Surrogate: 1,2-Dichloroethane-d4					ug/kg wet		93	64-126			
Surrogate: 4-Bromofluorobenzene					ug/kg wet		103	72-126			
Surrogate: Toluene-d8					ug/kg wet		105	71-125			

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Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1499-BLK2, Batch: 10K1499)											
2,4,5-Trichlorophenol			5.0	0.48	ug/L	ND					
2,4,6-Trichlorophenol			5.0	0.61	ug/L	ND					
2,4-Dichlorophenol			5.0	0.51	ug/L	ND					
2,4-Dimethylphenol			5.0	0.50	ug/L	ND					
2,4-Dinitrophenol			10	2.2	ug/L	ND					
2,4-Dinitrotoluene			5.0	0.45	ug/L	ND					
2,6-Dinitrotoluene			5.0	0.40	ug/L	ND					
2-Chloronaphthalene			5.0	0.46	ug/L	ND					
2-Chlorophenol			5.0	0.53	ug/L	ND					
2-Methylnaphthalene			5.0	0.60	ug/L	ND					
2-Methylphenol			5.0	0.40	ug/L	ND					
2-Nitroaniline			10	0.42	ug/L	ND					
2-Nitrophenol			5.0	0.48	ug/L	ND					
3,3'-Dichlorobenzidine			5.0	0.40	ug/L	ND					
3-Nitroaniline			10	0.48	ug/L	ND					
4,6-Dinitro-2-methylphenol			10	2.2	ug/L	ND					
4-Bromophenyl phenyl ether			5.0	0.45	ug/L	ND					
4-Chloro-3-methylphenol			5.0	0.45	ug/L	ND					
4-Chloroaniline			5.0	0.59	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.35	ug/L	ND					
4-Methylphenol			10	0.36	ug/L	ND					
4-Nitroaniline			10	0.25	ug/L	ND					
4-Nitrophenol			10	1.5	ug/L	ND					
Acenaphthene			5.0	0.41	ug/L	ND					
Acenaphthylene			5.0	0.38	ug/L	ND					
Acetophenone			5.0	0.54	ug/L	ND					
Anthracene			5.0	0.28	ug/L	ND					
Atrazine			5.0	0.46	ug/L	ND					
Benzaldehyde			5.0	0.27	ug/L	ND					
Benzo(a)anthracene			5.0	0.36	ug/L	ND					
Benzo(a)pyrene			5.0	0.47	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.34	ug/L	ND					
Benzo(ghi)perylene			5.0	0.35	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.73	ug/L	ND					
Biphenyl			5.0	0.65	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1499-BLK2, Batch: 10K1499)											
Bis(2-chloroethoxy)methane			5.0	0.35	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	0.40	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.52	ug/L	ND					
Bis(2-ethylhexyl)phthalate			5.0	1.8	ug/L	ND					
Butyl benzyl phthalate			5.0	0.42	ug/L	0.46					J
Caprolactam			5.0	2.2	ug/L	ND					
Carbazole			5.0	0.30	ug/L	ND					
Chrysene			5.0	0.33	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.42	ug/L	ND					
Dibenzofuran			10	0.51	ug/L	ND					
Diethyl phthalate			5.0	0.22	ug/L	ND					
Dimethyl phthalate			5.0	0.36	ug/L	ND					
Di-n-butyl phthalate			5.0	0.31	ug/L	0.37					J
Di-n-octyl phthalate			5.0	0.47	ug/L	ND					
Fluoranthene			5.0	0.40	ug/L	ND					
Fluorene			5.0	0.36	ug/L	ND					
Hexachlorobenzene			5.0	0.51	ug/L	ND					
Hexachlorobutadiene			5.0	0.68	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.59	ug/L	ND					
Hexachloroethane			5.0	0.59	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.47	ug/L	ND					
Isophorone			5.0	0.43	ug/L	ND					
Naphthalene			5.0	0.76	ug/L	ND					
Nitrobenzene			5.0	0.29	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.54	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.51	ug/L	ND					
Pentachlorophenol			10	2.2	ug/L	ND					
Phenanthrene			5.0	0.44	ug/L	ND					
Phenol			5.0	0.39	ug/L	ND					
Pyrene			5.0	0.34	ug/L	ND					
Surrogate: 2,4,6-Tribromophenol					ug/L		104	52-132			
Surrogate: 2-Fluorobiphenyl					ug/L		74	48-120			
Surrogate: 2-Fluorophenol					ug/L		45	20-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1499-BLK2, Batch: 10K1499)											
Surrogate:					ug/L		76	46-120			
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/L		34	16-120			
Surrogate:					ug/L		102	24-136			
p-Terphenyl-d14											
LCS Analyzed: 11/17/10 (Lab Number:10K1499-BS2, Batch: 10K1499)											
1,2,4-Trichlorobenzene		100	10	0.44	ug/L	55.1	55	40-120			
1,2-Dichlorobenzene			10	0.40	ug/L	ND		33-120			
1,3-Dichlorobenzene			10	0.48	ug/L	ND		28-120			
2,4,5-Trichlorophenol			5.0	0.48	ug/L	ND		65-126			
2,4,6-Trichlorophenol			5.0	0.61	ug/L	ND		64-120			
2,4-Dichlorophenol			5.0	0.51	ug/L	ND		64-120			
2,4-Dimethylphenol			5.0	0.50	ug/L	ND		57-120			
2,4-Dinitrophenol			10	2.2	ug/L	ND		42-153			
2,4-Dinitrotoluene		100	5.0	0.45	ug/L	104	104	59-125			
2,6-Dinitrotoluene			5.0	0.40	ug/L	ND		74-134			
2-Chloronaphthalene			5.0	0.46	ug/L	ND		52-120			
2-Chlorophenol		100	5.0	0.53	ug/L	63.8	64	48-120			
2-Methylnaphthalene			5.0	0.60	ug/L	ND		48-120			
2-Methylphenol			5.0	0.40	ug/L	ND		39-120			
2-Nitroaniline			10	0.42	ug/L	ND		67-136			
2-Nitrophenol			5.0	0.48	ug/L	ND		59-120			
3,3'-Dichlorobenzidine			5.0	0.40	ug/L	ND		33-140			
3-Nitroaniline			10	0.48	ug/L	ND		69-129			
4,6-Dinitro-2-methylphenol			10	2.2	ug/L	ND		64-159			
4-Bromophenyl phenyl ether			5.0	0.45	ug/L	ND		71-126			
4-Chloro-3-methylphenol		100	5.0	0.45	ug/L	87.1	87	64-120			
4-Chloroaniline			5.0	0.59	ug/L	ND		60-124			
4-Chlorophenyl phenyl ether			5.0	0.35	ug/L	ND		71-122			
4-Methylphenol			10	0.36	ug/L	ND		36-120			
4-Nitroaniline			10	0.25	ug/L	ND		64-135			
4-Nitrophenol		100	10	1.5	ug/L	40.1	40	16-120			
Acenaphthene		100	5.0	0.41	ug/L	81.8	82	60-120			
Acenaphthylene			5.0	0.38	ug/L	ND		63-120			
Acetophenone			5.0	0.54	ug/L	ND		45-120			
Anthracene			5.0	0.28	ug/L	ND		69-131			
Atrazine			5.0	0.46	ug/L	ND		70-129			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1499-BS2, Batch: 10K1499)											
Benzaldehyde			5.0	0.27	ug/L	ND		30-140			
Benzo(a)anthracene			5.0	0.36	ug/L	ND		73-138			
Benzo(a)pyrene			5.0	0.47	ug/L	ND		74-126			
Benzo(b)fluoranthene			5.0	0.34	ug/L	ND		75-133			
Benzo(ghi)perylene			5.0	0.35	ug/L	ND		66-152			
Benzo(k)fluoranthene			5.0	0.73	ug/L	ND		75-133			
Biphenyl			5.0	0.65	ug/L	ND		30-140			
Bis(2-chloroethoxy)methane			5.0	0.35	ug/L	ND		62-120			
Bis(2-chloroethyl)ether			5.0	0.40	ug/L	ND		51-120			
2,2'-Oxybis(1-Chloropropane)			5.0	0.52	ug/L	ND		47-120			
Bis(2-ethylhexyl)phthalate		100	5.0	1.8	ug/L	109	109	69-136			
Butyl benzyl phthalate			5.0	0.42	ug/L	ND		62-149			
Caprolactam			5.0	2.2	ug/L	ND		30-140			
Carbazole			5.0	0.30	ug/L	ND		68-133			
Chrysene			5.0	0.33	ug/L	ND		69-140			
Dibenzo(a,h)anthracene			5.0	0.42	ug/L	ND		67-144			
Dibenzofuran			10	0.51	ug/L	ND		66-120			
Diethyl phthalate			5.0	0.22	ug/L	ND		78-128			
Dimethyl phthalate			5.0	0.36	ug/L	ND		73-127			
Di-n-butyl phthalate			5.0	0.31	ug/L	0.480		67-132			J,B
Di-n-octyl phthalate			5.0	0.47	ug/L	ND		72-145			
Fluoranthene			5.0	0.40	ug/L	1.27		67-133			J
Fluorene		100	5.0	0.36	ug/L	91.0	91	66-129			
Hexachlorobenzene			5.0	0.51	ug/L	ND		38-131			
Hexachlorobutadiene			5.0	0.68	ug/L	ND		30-120			
Hexachlorocyclopentadiene			5.0	0.59	ug/L	ND		23-120			
Hexachloroethane		100	5.0	0.59	ug/L	44.3	44	25-120			
Indeno(1,2,3-cd)pyrene			5.0	0.47	ug/L	ND		69-146			
Isophorone			5.0	0.43	ug/L	ND		64-120			
Naphthalene			5.0	0.76	ug/L	ND		48-120			
Nitrobenzene			5.0	0.29	ug/L	ND		52-120			
N-Nitrosodi-n-propylamine		100	5.0	0.54	ug/L	76.1	76	56-120			
N-Nitrosodiphenylamine			5.0	0.51	ug/L	ND		25-125			
Pentachlorophenol		100	10	2.2	ug/L	100	100	39-136			
Phenanthrene			5.0	0.44	ug/L	ND		67-130			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Semivolatile Organics by GC/MS

LCS Analyzed: 11/17/10 (Lab Number:10K1499-BS2, Batch: 10K1499)

Phenol		100	5.0	0.39	ug/L	31.2	31	17-120			
Pyrene		100	5.0	0.34	ug/L	101	101	58-136			

Surrogate:					ug/L		96	52-132			
2,4,6-Tribromophenol											
Surrogate:					ug/L		72	48-120			
2-Fluorobiphenyl											
Surrogate:					ug/L		37	20-120			
2-Fluorophenol											
Surrogate:					ug/L		70	46-120			
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/L		30	16-120			
Surrogate:					ug/L		94	24-136			
p-Terphenyl-d14											

Semivolatile Organics by GC/MS

Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)

2,4,5-Trichlorophenol		170	36	ug/kg wet	ND
2,4,6-Trichlorophenol		170	11	ug/kg wet	ND
2,4-Dichlorophenol		170	8.7	ug/kg wet	ND
2,4-Dimethylphenol		170	45	ug/kg wet	ND
2,4-Dinitrophenol		330	58	ug/kg wet	ND
2,4-Dinitrotoluene		170	26	ug/kg wet	ND
2,6-Dinitrotoluene		170	41	ug/kg wet	ND
2-Chloronaphthalene		170	11	ug/kg wet	ND
2-Chlorophenol		170	8.5	ug/kg wet	ND
2-Methylnaphthalene		170	2.0	ug/kg wet	ND
2-Methylphenol		170	5.1	ug/kg wet	ND
2-Nitroaniline		330	53	ug/kg wet	ND
2-Nitrophenol		170	7.6	ug/kg wet	ND
3,3'-Dichlorobenzidine		170	150	ug/kg wet	ND
3-Nitroaniline		330	38	ug/kg wet	ND
4,6-Dinitro-2-methylphenol		330	57	ug/kg wet	ND
4-Bromophenyl phenyl ether		170	53	ug/kg wet	ND
4-Chloro-3-methylphenol		170	6.8	ug/kg wet	ND
4-Chloroaniline		170	49	ug/kg wet	ND
4-Chlorophenyl phenyl ether		170	3.5	ug/kg wet	ND
4-Methylphenol		330	9.3	ug/kg wet	ND
4-Nitroaniline		330	19	ug/kg wet	ND

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)											
4-Nitrophenol			330	40	ug/kg wet	ND					
Acenaphthene			170	2.0	ug/kg wet	ND					
Acenaphthylene			170	1.4	ug/kg wet	ND					
Acetophenone			170	8.5	ug/kg wet	ND					
Anthracene			170	4.3	ug/kg wet	ND					
Atrazine			170	7.4	ug/kg wet	ND					
Benzaldehyde			170	18	ug/kg wet	ND					
Benzo(a)anthracene			170	2.9	ug/kg wet	ND					
Benzo(a)pyrene			170	4.0	ug/kg wet	ND					
Benzo(b)fluoranthene			170	3.2	ug/kg wet	ND					
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND					
Benzo(k)fluoranthene			170	1.8	ug/kg wet	ND					
Biphenyl			170	10	ug/kg wet	ND					
Bis(2-chloroethoxy)methane			170	9.0	ug/kg wet	ND					
Bis(2-chloroethyl)ether			170	14	ug/kg wet	ND					
2,2'-Oxybis(1-Chloropropane)			170	17	ug/kg wet	ND					
Bis(2-ethylhexyl)phthalate			170	54	ug/kg wet	ND					
Butyl benzyl phthalate			170	45	ug/kg wet	ND					
Caprolactam			170	72	ug/kg wet	ND					
Carbazole			170	1.9	ug/kg wet	ND					
Chrysene			170	1.7	ug/kg wet	ND					
Dibenzo(a,h)anthracene			170	2.0	ug/kg wet	ND					
Dibenzofuran			170	1.7	ug/kg wet	ND					
Diethyl phthalate			170	5.0	ug/kg wet	ND					
Dimethyl phthalate			170	4.3	ug/kg wet	ND					
Di-n-butyl phthalate			170	58	ug/kg wet	ND					
Di-n-octyl phthalate			170	3.9	ug/kg wet	ND					
Fluoranthene			170	2.4	ug/kg wet	ND					
Fluorene			170	3.8	ug/kg wet	ND					
Hexachlorobenzene			170	8.3	ug/kg wet	ND					
Hexachlorobutadiene			170	8.5	ug/kg wet	ND					
Hexachlorocyclopentadiene			170	50	ug/kg wet	ND					
Hexachloroethane			170	13	ug/kg wet	ND					
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND					
Isophorone			170	8.3	ug/kg wet	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)											
Naphthalene			170	2.8	ug/kg wet	ND					
Nitrobenzene			170	7.4	ug/kg wet	ND					
N-Nitrosodi-n-propylamine			170	13	ug/kg wet	ND					
N-Nitrosodiphenylamine			170	9.1	ug/kg wet	ND					
Pentachlorophenol			330	57	ug/kg wet	ND					
Phenanthrene			170	3.5	ug/kg wet	ND					
Phenol			170	18	ug/kg wet	ND					
Pyrene			170	1.1	ug/kg wet	ND					
Tetraethyl-Lead			990	160	ug/kg wet	ND					
<i>Surrogate:</i>											
2,4,6-Tribromophenol					ug/kg wet		87	39-146			
<i>Surrogate:</i>											
2-Fluorobiphenyl					ug/kg wet		59	37-120			
<i>Surrogate:</i>											
2-Fluorophenol					ug/kg wet		49	18-120			
<i>Surrogate:</i>											
Nitrobenzene-d5					ug/kg wet		54	34-132			
<i>Surrogate: Phenol-d5</i>											
					ug/kg wet		57	11-120			
<i>Surrogate:</i>											
p-Terphenyl-d14					ug/kg wet		80	58-147			
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
1,2,4-Trichlorobenzene	3260	320	4.7		ug/kg wet	1740	53	39-120			
1,2-Dichlorobenzene		320	3.2		ug/kg wet	ND		18-120			
1,3-Dichlorobenzene		320	2.9		ug/kg wet	ND		14-120			
1,4-Dichlorobenzene	3260	320	2.2		ug/kg wet	1520	47	34-120			
1,4-Dioxane	3260	200	37		ug/kg wet	ND		11-120			
2,4,5-Trichlorophenol		170	36		ug/kg wet	ND		59-126			
2,4,6-Trichlorophenol		170	11		ug/kg wet	ND		59-123			
2,4-Dichlorophenol		170	8.6		ug/kg wet	ND		52-120			
2,4-Dimethylphenol		170	45		ug/kg wet	ND		36-120			
2,4-Dinitrophenol		320	58		ug/kg wet	ND		35-146			
2,4-Dinitrotoluene	3260	170	26		ug/kg wet	2250	69	55-125			
2,6-Dinitrotoluene		170	40		ug/kg wet	ND		66-128			
2-Chloronaphthalene		170	11		ug/kg wet	ND		57-120			
2-Chlorophenol	3260	170	8.4		ug/kg wet	1770	54	38-120			
2-Methylnaphthalene		170	2.0		ug/kg wet	ND		47-120			
2-Methylphenol		170	5.1		ug/kg wet	ND		48-120			
2-Nitroaniline		320	53		ug/kg wet	ND		61-130			
2-Nitrophenol		170	7.5		ug/kg wet	ND		50-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
3,3'-Dichlorobenzidine			170	140	ug/kg wet	ND		48-126			
3-Nitroaniline			320	38	ug/kg wet	ND		61-127			
4,6-Dinitro-2-methylphenol			320	57	ug/kg wet	ND		49-155			
4-Bromophenyl phenyl ether			170	52	ug/kg wet	ND		58-131			
4-Chloro-3-methylphenol		3260	170	6.8	ug/kg wet	2080	64	49-125			
4-Chloroaniline			170	48	ug/kg wet	ND		49-120			
4-Chlorophenyl phenyl ether			170	3.5	ug/kg wet	ND		63-124			
4-Methylphenol			320	9.2	ug/kg wet	ND		50-119			
4-Nitroaniline			320	18	ug/kg wet	ND		63-128			
4-Nitrophenol		3260	320	40	ug/kg wet	2540	78	43-137			
Acenaphthene		3260	170	1.9	ug/kg wet	1990	61	53-120			
Acenaphthylene			170	1.3	ug/kg wet	ND		58-121			
Acetophenone			170	8.5	ug/kg wet	ND		66-120			
Anthracene			170	4.2	ug/kg wet	ND		62-129			
Atrazine			170	7.3	ug/kg wet	ND		73-133			
Benzaldehyde			170	18	ug/kg wet	ND		21-120			
Benzo(a)anthracene			170	2.8	ug/kg wet	ND		65-133			
Benzo(a)pyrene			170	4.0	ug/kg wet	ND		64-127			
Benzo(b)fluoranthene			170	3.2	ug/kg wet	ND		64-135			
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND		50-152			
Benzo(k)fluoranthene			170	1.8	ug/kg wet	ND		58-138			
Biphenyl			170	10	ug/kg wet	ND		71-120			
Bis(2-chloroethoxy)methane			170	9.0	ug/kg wet	ND		61-133			
Bis(2-chloroethyl)ether			170	14	ug/kg wet	ND		45-120			
2,2'-Oxybis(1-Chloropropane)			170	17	ug/kg wet	ND		44-120			
Bis(2-ethylhexyl)phthalate		3260	170	53	ug/kg wet	2480	76	61-133			
Butyl benzyl phthalate			170	44	ug/kg wet	ND		61-129			
Caprolactam			170	71	ug/kg wet	ND		54-133			
Carbazole			170	1.9	ug/kg wet	ND		59-129			
Chrysene			170	1.6	ug/kg wet	ND		64-131			
Dibenzo(a,h)anthracene			170	1.9	ug/kg wet	ND		54-148			
Dibenzofuran			170	1.7	ug/kg wet	ND		56-120			
Diethyl phthalate			170	5.0	ug/kg wet	ND		66-126			
Dimethyl phthalate			170	4.3	ug/kg wet	ND		65-124			

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Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
Di-n-butyl phthalate			170	57	ug/kg wet	ND		58-130			
Di-n-octyl phthalate			170	3.9	ug/kg wet	ND		62-133			
Fluoranthene			170	2.4	ug/kg wet	ND		62-131			
Fluorene		3260	170	3.8	ug/kg wet	2200	68	63-126			
Hexachlorobenzene			170	8.2	ug/kg wet	ND		60-132			
Hexachlorobutadiene			170	8.4	ug/kg wet	ND		45-120			
Hexachlorocyclopentadiene			170	50	ug/kg wet	ND		31-120			
Hexachloroethane		3260	170	13	ug/kg wet	1460	45	41-120			
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND		56-149			
Isophorone			170	8.2	ug/kg wet	ND		56-120			
Naphthalene			170	2.7	ug/kg wet	ND		46-120			
Nitrobenzene			170	7.3	ug/kg wet	ND		49-120			
N-Nitrosodi-n-propylamine		3260	170	13	ug/kg wet	1970	61	46-120			
N-Nitrosodiphenylamine			170	9.0	ug/kg wet	ND		20-119			
Pentachlorophenol		3260	320	57	ug/kg wet	2590	80	33-136			
Phenanthrene			170	3.5	ug/kg wet	ND		60-130			
Phenol		3260	170	17	ug/kg wet	1690	52	36-120			
Pyrene		3260	170	1.1	ug/kg wet	2500	77	51-133			
Tetraethyl-Lead		3260	980	160	ug/kg wet	932	29	10-120			J

Surrogate: ug/kg wet 79 39-146
2,4,6-Tribromophenol
Surrogate: ug/kg wet 59 37-120
2-Fluorobiphenyl
Surrogate: ug/kg wet 51 18-120
2-Fluorophenol
Surrogate: ug/kg wet 57 34-132
Nitrobenzene-d5
Surrogate: Phenol-d5 ug/kg wet 58 11-120
Surrogate: ug/kg wet 72 58-147
p-Terphenyl-d14

Matrix Spike Analyzed: 11/16/10 (Lab Number:10K1500-MS1, Batch: 10K1500)

QC Source Sample: RTK1123-01

1,2,4-Trichlorobenzene	ND	3750	1900	27	ug/kg dry	3880	104	39-120			D08
1,2-Dichlorobenzene	ND		1900	18	ug/kg dry	ND		18-120			D08
1,3-Dichlorobenzene	ND		1900	17	ug/kg dry	ND		14-120			D08
1,4-Dichlorobenzene	ND	3750	1900	13	ug/kg dry	2980	79	34-120			D08
1,4-Dioxane	ND	3750	1100	210	ug/kg dry	ND		11-120			D08
2,4,5-Trichlorophenol	ND		960	210	ug/kg dry	ND		59-126			D08
2,4,6-Trichlorophenol	ND		960	63	ug/kg dry	ND		59-123			D08

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/16/10 (Lab Number:10K1500-MS1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
2,4-Dichlorophenol	ND		960	50	ug/kg dry	ND		52-120			D08
2,4-Dimethylphenol	ND		960	260	ug/kg dry	330		36-120			D08,J
2,4-Dinitrophenol	ND		1900	330	ug/kg dry	ND		35-146			D08
2,4-Dinitrotoluene	ND	3750	960	150	ug/kg dry	4100	109	55-125			D08
2,6-Dinitrotoluene	ND		960	230	ug/kg dry	ND		66-128			D08
2-Chloronaphthalene	ND		960	64	ug/kg dry	ND		57-120			D08
2-Chlorophenol	ND	3750	960	48	ug/kg dry	3440	92	38-120			D08
2-Methylnaphthalene	1110		960	12	ug/kg dry	1020		47-120			D08
2-Methylphenol	ND		960	29	ug/kg dry	ND		48-120			D08
2-Nitroaniline	ND		1900	300	ug/kg dry	ND		61-130			D08
2-Nitrophenol	ND		960	43	ug/kg dry	ND		50-120			D08
3,3'-Dichlorobenzidine	ND		960	830	ug/kg dry	ND		48-126			D08
3-Nitroaniline	ND		1900	220	ug/kg dry	ND		61-127			D08
4,6-Dinitro-2-methylphenol	ND		1900	330	ug/kg dry	ND		49-155			D08
4-Bromophenyl phenyl ether	ND		960	300	ug/kg dry	ND		58-131			D08
4-Chloro-3-methylphenol	ND	3750	960	39	ug/kg dry	4790	128	49-125			D08,M7
4-Chloroaniline	ND		960	280	ug/kg dry	ND		49-120			D08
4-Chlorophenyl phenyl ether	ND		960	20	ug/kg dry	ND		63-124			D08
4-Methylphenol	ND		1900	53	ug/kg dry	ND		50-119			D08
4-Nitroaniline	ND		1900	110	ug/kg dry	ND		63-128			D08
4-Nitrophenol	ND	3750	1900	230	ug/kg dry	4820	128	43-137			D08
Acenaphthene	ND	3750	960	11	ug/kg dry	4310	115	53-120			D08
Acenaphthylene	ND		960	7.8	ug/kg dry	ND		58-121			D08
Acetophenone	ND		960	49	ug/kg dry	ND		66-120			D08
Anthracene	ND		960	24	ug/kg dry	ND		62-129			D08
Atrazine	ND		960	42	ug/kg dry	ND		73-133			D08
Benzaldehyde	ND		960	100	ug/kg dry	ND		21-120			D08
Benzo(a)anthracene	ND		960	16	ug/kg dry	ND		65-133			D08
Benzo(a)pyrene	ND		960	23	ug/kg dry	ND		64-127			D08
Benzo(b)fluoranthene	ND		960	18	ug/kg dry	ND		64-135			D08
Benzo(ghi)perylene	ND		960	11	ug/kg dry	ND		50-152			D08
Benzo(k)fluoranthene	ND		960	10	ug/kg dry	ND		58-138			D08
Biphenyl	ND		960	59	ug/kg dry	ND		71-120			D08
Bis(2-chloroethoxy)methane	ND		960	52	ug/kg dry	ND		61-133			D08
Bis(2-chloroethyl)ether	ND		960	82	ug/kg dry	ND		45-120			D08

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Work Order: RTK1123

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/16/10 (Lab Number:10K1500-MS1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
2,2'-Oxybis(1-Chloroprop ane)	ND		960	99	ug/kg dry	ND		44-120			D08
Bis(2-ethylhexyl) phthalate	12900	3750	960	310	ug/kg dry	14900	53	61-133			D08,M8
Butyl benzyl phthalate	ND		960	260	ug/kg dry	ND		61-129			D08
Caprolactam	ND		960	410	ug/kg dry	ND		54-133			D08
Carbazole	ND		960	11	ug/kg dry	ND		59-129			D08
Chrysene	ND		960	9.5	ug/kg dry	ND		64-131			D08
Dibenzo(a,h)anthracene	ND		960	11	ug/kg dry	ND		54-148			D08
Dibenzofuran	ND		960	9.9	ug/kg dry	ND		56-120			D08
Diethyl phthalate	ND		960	29	ug/kg dry	ND		66-126			D08
Dimethyl phthalate	ND		960	25	ug/kg dry	ND		65-124			D08
Di-n-butyl phthalate	ND		960	330	ug/kg dry	ND		58-130			D08
Di-n-octyl phthalate	ND		960	22	ug/kg dry	ND		62-133			D08
Fluoranthene	ND		960	14	ug/kg dry	ND		62-131			D08
Fluorene	ND	3750	960	22	ug/kg dry	4690	125	63-126			D08
Hexachlorobenzene	ND		960	47	ug/kg dry	ND		60-132			D08
Hexachlorobutadiene	ND		960	49	ug/kg dry	ND		45-120			D08
Hexachlorocyclopentadie ne	ND		960	290	ug/kg dry	ND		31-120			D08
Hexachloroethane	ND	3750	960	73	ug/kg dry	2980	80	41-120			D08
Indeno(1,2,3-cd)pyrene	ND		960	26	ug/kg dry	ND		56-149			D08
Isophorone	ND		960	47	ug/kg dry	ND		56-120			D08
Naphthalene	593		960	16	ug/kg dry	495		46-120			D08,J
Nitrobenzene	ND		960	42	ug/kg dry	ND		49-120			D08
N-Nitrosodi-n-propylamin e	ND	3750	960	75	ug/kg dry	4000	107	46-120			D08
N-Nitrosodiphenylamine	ND		960	52	ug/kg dry	ND		20-119			D08
Pentachlorophenol	ND	3750	1900	330	ug/kg dry	4530	121	33-136			D08
Phenanthrene	ND		960	20	ug/kg dry	ND		60-130			D08
Phenol	ND	3750	960	100	ug/kg dry	3380	90	36-120			D08
Pyrene	ND	3750	960	6.1	ug/kg dry	4770	127	51-133			D08
Tetraethyl-Lead	ND	3750	5600	910	ug/kg dry	3090	82	10-120			D08,J
Surrogate:					ug/kg dry		132	39-146			D08
2,4,6-Tribromophenol					ug/kg dry		120	37-120			D08
Surrogate:					ug/kg dry		82	18-120			D08
2-Fluorobiphenyl					ug/kg dry						D08
Surrogate:					ug/kg dry						D08
2-Fluorophenol					ug/kg dry						D08

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/16/10 (Lab Number:10K1500-MS1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
Surrogate:					ug/kg dry		102	34-132			D08
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/kg dry		100	11-120			D08
Surrogate:					ug/kg dry		115	58-147			D08
p-Terphenyl-d14											
Matrix Spike Dup Analyzed: 11/16/10 (Lab Number:10K1500-MSD1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
1,2,4-Trichlorobenzene	ND	3780	1900	27	ug/kg dry	3580	95	39-120	8	30	D08
1,2-Dichlorobenzene	ND		1900	18	ug/kg dry	ND		18-120		29	D08
1,3-Dichlorobenzene	ND		1900	17	ug/kg dry	ND		14-120		37	D08
1,4-Dichlorobenzene	ND	3780	1900	13	ug/kg dry	2910	77	34-120	2	35	D08
1,4-Dioxane	ND	3780	1100	210	ug/kg dry	ND		11-120		50	D08
2,4,5-Trichlorophenol	ND		960	210	ug/kg dry	ND		59-126		18	D08
2,4,6-Trichlorophenol	ND		960	63	ug/kg dry	ND		59-123		19	D08
2,4-Dichlorophenol	ND		960	50	ug/kg dry	ND		52-120		19	D08
2,4-Dimethylphenol	ND		960	260	ug/kg dry	ND		36-120		42	D08
2,4-Dinitrophenol	ND		1900	330	ug/kg dry	ND		35-146		22	D08
2,4-Dinitrotoluene	ND	3780	960	150	ug/kg dry	4320	114	55-125	5	20	D08
2,6-Dinitrotoluene	ND		960	230	ug/kg dry	ND		66-128		15	D08
2-Chloronaphthalene	ND		960	64	ug/kg dry	ND		57-120		21	D08
2-Chlorophenol	ND	3780	960	49	ug/kg dry	3270	87	38-120	5	25	D08
2-Methylnaphthalene	1110		960	12	ug/kg dry	839		47-120	20	21	D08,J
2-Methylphenol	ND		960	29	ug/kg dry	51.0		48-120		27	D08,J
2-Nitroaniline	ND		1900	310	ug/kg dry	ND		61-130		15	D08
2-Nitrophenol	ND		960	44	ug/kg dry	ND		50-120		18	D08
3,3'-Dichlorobenzidine	ND		960	840	ug/kg dry	ND		48-126		25	D08
3-Nitroaniline	ND		1900	220	ug/kg dry	ND		61-127		19	D08
4,6-Dinitro-2-methylphenol	ND		1900	330	ug/kg dry	ND		49-155		15	D08
4-Bromophenyl phenyl ether	ND		960	300	ug/kg dry	ND		58-131		15	D08
4-Chloro-3-methylphenol	ND	3780	960	39	ug/kg dry	4750	126	49-125	0.8	27	D08,M7
4-Chloroaniline	ND		960	280	ug/kg dry	ND		49-120		22	D08
4-Chlorophenyl phenyl ether	ND		960	20	ug/kg dry	ND		63-124		16	D08
4-Methylphenol	ND		1900	53	ug/kg dry	ND		50-119		24	D08
4-Nitroaniline	ND		1900	110	ug/kg dry	ND		63-128		24	D08
4-Nitrophenol	ND	3780	1900	230	ug/kg dry	4950	131	43-137	3	25	D08
Acenaphthene	ND	3780	960	11	ug/kg dry	4400	116	53-120	2	35	D08

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Matrix Spike Dup Analyzed: 11/16/10 (Lab Number:10K1500-MSD1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
Acenaphthylene	ND		960	7.8	ug/kg dry	ND		58-121		18	D08
Acetophenone	ND		960	49	ug/kg dry	ND		66-120		20	D08
Anthracene	ND		960	24	ug/kg dry	ND		62-129		15	D08
Atrazine	ND		960	43	ug/kg dry	ND		73-133		20	D08
Benzaldehyde	ND		960	100	ug/kg dry	ND		21-120		20	D08
Benzo(a)anthracene	ND		960	17	ug/kg dry	ND		65-133		15	D08
Benzo(a)pyrene	ND		960	23	ug/kg dry	ND		64-127		15	D08
Benzo(b)fluoranthene	ND		960	19	ug/kg dry	ND		64-135		15	D08
Benzo(ghi)perylene	ND		960	11	ug/kg dry	ND		50-152		15	D08
Benzo(k)fluoranthene	ND		960	11	ug/kg dry	ND		58-138		22	D08
Biphenyl	ND		960	60	ug/kg dry	ND		71-120		20	D08
Bis(2-chloroethoxy)methane	ND		960	52	ug/kg dry	ND		61-133		17	D08
Bis(2-chloroethyl)ether	ND		960	83	ug/kg dry	ND		45-120		21	D08
2,2'-Oxybis(1-Chloropropyl)	ND		960	100	ug/kg dry	ND		44-120		24	D08
Bis(2-ethylhexyl)phthalate	12900	3780	960	310	ug/kg dry	14300	37	61-133	4	15	D08,M8
Butyl benzyl phthalate	ND		960	260	ug/kg dry	ND		61-129		16	D08
Caprolactam	ND		960	410	ug/kg dry	ND		54-133		20	D08
Carbazole	ND		960	11	ug/kg dry	ND		59-129		20	D08
Chrysene	ND		960	9.6	ug/kg dry	ND		64-131		15	D08
Dibenzo(a,h)anthracene	ND		960	11	ug/kg dry	ND		54-148		15	D08
Dibenzofuran	ND		960	10	ug/kg dry	ND		56-120		15	D08
Diethyl phthalate	ND		960	29	ug/kg dry	ND		66-126		15	D08
Dimethyl phthalate	ND		960	25	ug/kg dry	ND		65-124		15	D08
Di-n-butyl phthalate	ND		960	330	ug/kg dry	ND		58-130		15	D08
Di-n-octyl phthalate	ND		960	22	ug/kg dry	ND		62-133		16	D08
Fluoranthene	ND		960	14	ug/kg dry	ND		62-131		15	D08
Fluorene	ND	3780	960	22	ug/kg dry	4680	124	63-126	0.2	15	D08
Hexachlorobenzene	ND		960	48	ug/kg dry	ND		60-132		15	D08
Hexachlorobutadiene	ND		960	49	ug/kg dry	ND		45-120		44	D08
Hexachlorocyclopentadiene	ND		960	290	ug/kg dry	ND		31-120		49	D08
Hexachloroethane	ND	3780	960	74	ug/kg dry	2790	74	41-120	7	46	D08
Indeno(1,2,3-cd)pyrene	ND		960	26	ug/kg dry	ND		56-149		15	D08
Isophorone	ND		960	48	ug/kg dry	ND		56-120		17	D08
Naphthalene	593		960	16	ug/kg dry	440		46-120	12	29	D08,J
Nitrobenzene	ND		960	42	ug/kg dry	ND		49-120		24	D08

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatiles Organics by GC/MS</u>											
Matrix Spike Dup Analyzed: 11/16/10 (Lab Number:10K1500-MSD1, Batch: 10K1500)											
QC Source Sample: RTK1123-01											
N-Nitrosodi-n-propylamine	ND	3780	960	76	ug/kg dry	3890	103	46-120	3	31	D08
N-Nitrosodiphenylamine	ND		960	52	ug/kg dry	ND		20-119		15	D08
Pentachlorophenol	ND	3780	1900	330	ug/kg dry	5020	133	33-136	10	35	D08
Phenanthrene	ND		960	20	ug/kg dry	ND		60-130		15	D08
Phenol	ND	3780	960	100	ug/kg dry	3480	92	36-120	3	35	D08
Pyrene	ND	3780	960	6.2	ug/kg dry	5020	133	51-133	5	35	D08
Tetraethyl-Lead	ND	3780	5700	920	ug/kg dry	2900	77	10-120	6	30	D08,J
Surrogate: 2,4,6-Tribromophenol					ug/kg dry		129	39-146			D08
Surrogate: 2-Fluorobiphenyl					ug/kg dry		110	37-120			D08
Surrogate: 2-Fluorophenol					ug/kg dry		79	18-120			D08
Surrogate: Nitrobenzene-d5					ug/kg dry		98	34-132			D08
Surrogate: Phenol-d5					ug/kg dry		98	11-120			D08
Surrogate: p-Terphenyl-d14					ug/kg dry		119	58-147			D08

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Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Total Metals by SW 846 Series Methods

Blank Analyzed: 11/17/10 (Lab Number:10K1516-BLK1, Batch: 10K1516)

Arsenic			2.0	0.4	mg/kg wet	ND					
Barium			0.499	0.110	mg/kg wet	ND					
Cadmium			0.200	0.030	mg/kg wet	ND					
Chromium			0.499	0.200	mg/kg wet	ND					
Lead			1.0	0.2	mg/kg wet	ND					
Selenium			4.0	0.6	mg/kg wet	ND					
Silver			0.499	0.200	mg/kg wet	ND					

Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1516-MS1, Batch: 10K1516)

QC Source Sample: RTK1123-01

Arsenic	5.06	45.1	2.3	0.5	mg/kg dry	46.8	93	75-125			
Barium	193	45.1	0.564	0.124	mg/kg dry	224	68	75-125			MHA
Cadmium	0.204	45.1	0.226	0.034	mg/kg dry	43.2	95	75-125			
Chromium	17.8	45.1	0.564	0.226	mg/kg dry	61.3	96	75-125			
Lead	14.6	45.1	1.1	0.3	mg/kg dry	65.9	114	75-125			
Selenium	1.06	45.1	4.5	0.6	mg/kg dry	43.7	94	75-125			
Silver	ND	11.3	0.564	0.226	mg/kg dry	10.3	91	75-125			

Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1516-MSD1, Batch: 10K1516)

QC Source Sample: RTK1123-01

Arsenic	5.06	45.1	2.3	0.5	mg/kg dry	45.9	90	75-125	2	20	
Barium	193	45.1	0.564	0.124	mg/kg dry	220	59	75-125	2	20	MHA
Cadmium	0.204	45.1	0.226	0.034	mg/kg dry	42.5	94	75-125	2	20	
Chromium	17.8	45.1	0.564	0.226	mg/kg dry	60.7	95	75-125	1	20	
Lead	14.6	45.1	1.1	0.3	mg/kg dry	66.7	116	75-125	1	20	
Selenium	1.06	45.1	4.5	0.6	mg/kg dry	42.7	92	75-125	2	20	
Silver	ND	11.3	0.564	0.226	mg/kg dry	10.4	92	75-125	0.5	20	

Reference Analyzed: 11/17/10 (Lab Number:10K1516-SRM1, Batch: 10K1516)

Arsenic		138	2.0	0.4	mg/kg wet	126	91	70.4-129.7			
Barium		269	0.501	0.110	mg/kg wet	236	88	74-126.4			
Cadmium		71.1	0.200	0.030	mg/kg wet	70.2	99	73.2-126.8			
Chromium		105	0.501	0.200	mg/kg wet	98.1	93	69.3-130.5			
Lead		144	1.0	0.2	mg/kg wet	154	107	72.9-126.4			
Selenium		200	4.0	0.6	mg/kg wet	189	94	68.5-131.5			
Silver		45.2	0.501	0.200	mg/kg wet	41.0	91	66.3-133.7			

GaiaTech Inc.
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Chicago, IL 60603

Work Order: RTK1123

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

Total Metals by SW 846 Series Methods

Blank Analyzed: 11/17/10 (Lab Number:10K1560-BLK1, Batch: 10K1560)

Mercury	0.0190	0.0077	mg/kg wet	ND
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Reference Analyzed: 11/17/10 (Lab Number:10K1560-SRM1, Batch: 10K1560)

Mercury	2.96	0.178	0.0720	mg/kg wet	2.94	99	67.6-132. 8
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Work Order: RTK1123
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/13/10
Reported: 11/18/10 13:08

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Dissolved Metals by SW 846 Series Methods

Blank Analyzed: 11/17/10 (Lab Number:10K1510-BLK1, Batch: 10K1510)

Arsenic			0.0100	0.0056	mg/L	ND					P7
Barium			0.0020	0.0005	mg/L	ND					P7
Cadmium			0.0010	0.0003	mg/L	ND					P7
Chromium			0.0040	0.0009	mg/L	ND					P7
Lead			0.0050	0.0030	mg/L	ND					P7
Selenium			0.0150	0.0087	mg/L	ND					P7
Silver			0.0030	0.0017	mg/L	ND					P7

LCS Analyzed: 11/17/10 (Lab Number:10K1510-BS1, Batch: 10K1510)

Arsenic	0.200	0.0100	0.0056	mg/L	0.205	102	80-120				P7
Barium	0.200	0.0020	0.0005	mg/L	0.193	97	80-120				P7
Cadmium	0.200	0.0010	0.0003	mg/L	0.199	100	80-120				P7
Chromium	0.200	0.0040	0.0009	mg/L	0.200	100	80-120				P7
Lead	0.200	0.0050	0.0030	mg/L	0.205	102	80-120				P7
Selenium	0.200	0.0150	0.0087	mg/L	0.213	107	80-120				P7
Silver	0.0500	0.0030	0.0017	mg/L	0.0486	97	80-120				P7

Dissolved Metals by SW 846 Series Methods

Blank Analyzed: 11/17/10 (Lab Number:10K1557-BLK1, Batch: 10K1557)

Mercury			0.0002	0.0001	mg/L	ND					
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Blank Analyzed: 11/17/10 (Lab Number:10K1557-BLK2, Batch: 10K1557)

Mercury			0.0002	0.0001	mg/L	ND					
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LCS Analyzed: 11/17/10 (Lab Number:10K1557-BS1, Batch: 10K1557)

Mercury	0.00667	0.0002	0.0001	mg/L	0.00702	105	80-120				
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Analytical Report

Work Order: RTK1150

Project Description
Poestenkill, NY Project

For:

Rebecca Kusek

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603



Ryan VanDette For Brian Fischer

Project Manager

ryan.vandette@testamericainc.com

Friday, November 19, 2010

The test results in this report meet all NELAP requirements for analytes for which accreditation is required or available. Any exception to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project manager who has signed this report.

GaiaTech Inc.
135 S. LaSalle St.
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Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

TestAmerica Buffalo Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA, RCRA	NY200003
Pennsylvania*	NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

CASE NARRATIVE

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
P6	Sample received unpreserved, however the sample was analyzed within 7 days per EPA recommendation.
R2	The RPD exceeded the acceptance limit.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-01 (GP-5 4-6 - Solid)					Sampled: 11/13/10 08:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Acetone	120	B	27	4.5	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Methylene Chloride	18		5.4	2.5	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
trans-1,2-Dichloroethene	5.7		5.4	0.55	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Trichloroethene	100		5.4	1.2	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
<u>General Chemistry Parameters</u>										
Percent Solids	88		0.010	NR	%	1.00	11/17/10 15:30	JRR	10K1663	Dry Weight
Sample ID: RTK1150-01RE1 (GP-5 4-6 - Solid)					Sampled: 11/13/10 08:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	900	D08	85	22	ug/kg dry	1.00	11/17/10 17:54	RJ	10K1648	8260B
cis-1,2-Dichloroethene	900	D08	43	5.4	ug/kg dry	1.00	11/17/10 17:54	RJ	10K1648	8260B
Sample ID: RTK1150-02 (GP-6 7-8 - Solid)					Sampled: 11/13/10 10:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	4.8	J	11	2.9	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
cis-1,2-Dichloroethene	4.8	J	5.6	0.71	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Methylene Chloride	18	B	5.6	2.6	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Trichloroethene	48		5.6	1.2	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
<u>General Chemistry Parameters</u>										
Percent Solids	90		0.010	NR	%	1.00	11/17/10 15:32	JRR	10K1663	Dry Weight
Sample ID: RTK1150-03 (GP-5 - Water)					Sampled: 11/13/10 09:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,2-Trichloroethane	1.5		1.0	0.23	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Tetrachloroethene	2.8		1.0	0.36	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Vinyl chloride	1.4		1.0	0.90	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
<u>Semivolatile Organics by GC/MS</u>										
4-Methylphenol	0.52	J	9.9	0.36	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Nitroaniline	1.5	J	9.9	0.25	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Butyl benzyl phthalate	0.48	J, B	5.0	0.42	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Diethyl phthalate	0.70	J	5.0	0.22	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Di-n-butyl phthalate	0.91	J	5.0	0.31	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Pentachlorophenol	14		9.9	2.2	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Sample ID: RTK1150-03RE1 (GP-5 - Water)					Sampled: 11/13/10 09:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	220	D08	80	28	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
cis-1,2-Dichloroethene	220	D08	40	32	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
Trichloroethene	3800	D08	40	18	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
Sample ID: RTK1150-04 (GP-6 - Water)					Sampled: 11/13/10 11:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	65		2.0	0.70	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B

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Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-04 (GP-6 - Water) - cont.						Sampled: 11/13/10 11:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
cis-1,2-Dichloroethene	65		1.0	0.81	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Vinyl chloride	5.1		1.0	0.90	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Sample ID: RTK1150-04RE1 (GP-6 - Water)						Sampled: 11/13/10 11:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Trichloroethene	210	D08, P6	4.0	1.8	ug/L	4.00	11/17/10 13:13	LH	10K1645	8260B

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Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
GP-5 4-6	RTK1150-01	Solid	11/13/10 08:30	11/16/10 08:40	
GP-6 7-8	RTK1150-02	Solid	11/13/10 10:30	11/16/10 08:40	
GP-5	RTK1150-03	Water	11/13/10 09:30	11/16/10 08:40	
GP-6	RTK1150-04	Water	11/13/10 11:30	11/16/10 08:40	
TRIP BLANK	RTK1150-05	Water	11/13/10	11/16/10 08:40	

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Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-01 (GP-5 4-6 - Solid)						Sampled: 11/13/10 08:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.4	0.39	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,1,2,2-Tetrachloroethane	ND		5.4	0.87	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,1,2-Trichloroethane	ND		5.4	0.70	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.4	1.2	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,1-Dichloroethane	ND		5.4	0.65	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,1-Dichloroethene	ND		5.4	0.66	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dibromo-3-chloropropane	ND		5.4	2.7	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dibromoethane (EDB)	ND		5.4	0.69	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dichlorobenzene	ND		5.4	0.42	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dichloroethane	ND		5.4	0.27	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dichloropropane	ND		5.4	2.7	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,3-Dichlorobenzene	ND		5.4	0.28	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,4-Dichlorobenzene	ND		5.4	0.75	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
2-Butanone (MEK)	ND		27	2.0	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
2-Hexanone	ND		27	2.7	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Acetone	120		27	4.5	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Benzene	ND		5.4	0.26	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Bromodichloromethane	ND		5.4	0.72	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Bromoform	ND		5.4	2.7	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Bromomethane	ND		5.4	0.48	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Carbon disulfide	ND		5.4	2.7	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Carbon Tetrachloride	ND		5.4	0.52	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Chlorobenzene	ND		5.4	0.71	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Chlorodibromomethane	ND		5.4	0.69	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Chloroethane	ND		5.4	1.2	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Chloroform	ND		5.4	0.33	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Chloromethane	ND		5.4	0.32	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
cis-1,3-Dichloropropene	ND		5.4	0.77	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Cyclohexane	ND		5.4	0.75	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Dichlorodifluoromethane	ND		5.4	0.44	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Ethylbenzene	ND		5.4	0.37	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Isopropylbenzene	ND		5.4	0.81	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Methyl Acetate	ND		5.4	1.0	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Methyl tert-Butyl Ether	ND		5.4	0.53	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Methylcyclohexane	ND		5.4	0.81	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Methylene Chloride	18	B	5.4	2.5	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Styrene	ND		5.4	0.27	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Tetrachloroethene	ND		5.4	0.72	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Toluene	ND		5.4	0.40	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
trans-1,2-Dichloroethene	5.7		5.4	0.55	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Trichloroethene	100		5.4	1.2	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Trichlorofluoromethane	ND		5.4	0.51	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
Vinyl chloride	ND		5.4	0.65	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-01 (GP-5 4-6 - Solid) - cont.						Sampled: 11/13/10 08:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Xylenes, total	ND		11	0.90	ug/kg dry	1.00	11/17/10 13:38	RJ	10K1648	8260B
1,2-Dichloroethane-d4	115 %		Surr Limits: (64-126%)				11/17/10 13:38	RJ	10K1648	8260B
4-Bromofluorobenzene	106 %		Surr Limits: (72-126%)				11/17/10 13:38	RJ	10K1648	8260B
Toluene-d8	109 %		Surr Limits: (71-125%)				11/17/10 13:38	RJ	10K1648	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND		190	42	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4,6-Trichlorophenol	ND		190	13	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4-Dichlorophenol	ND		190	10	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4-Dimethylphenol	ND		190	52	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4-Dinitrophenol	ND		380	67	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4-Dinitrotoluene	ND		190	30	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,6-Dinitrotoluene	ND		190	47	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Chloronaphthalene	ND		190	13	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Chlorophenol	ND		190	9.8	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Methylnaphthalene	ND		190	2.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Methylphenol	ND		190	5.9	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Nitroaniline	ND		380	62	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2-Nitrophenol	ND		190	8.8	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
3,3'-Dichlorobenzidine	ND		190	170	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
3-Nitroaniline	ND		380	44	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4,6-Dinitro-2-methylphenol	ND		380	66	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Bromophenyl phenyl ether	ND		190	61	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Chloro-3-methylphenol	ND		190	7.9	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Chloroaniline	ND		190	56	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Chlorophenyl phenyl ether	ND		190	4.1	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Methylphenol	ND		380	11	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Nitroaniline	ND		380	21	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
4-Nitrophenol	ND		380	47	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Acenaphthene	ND		190	2.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Acenaphthylene	ND		190	1.6	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Acetophenone	ND		190	9.9	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Anthracene	ND		190	4.9	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Atrazine	ND		190	8.6	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzaldehyde	ND		190	21	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzo(a)anthracene	ND		190	3.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzo(a)pyrene	ND		190	4.6	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzo(b)fluoranthene	ND		190	3.7	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzo(ghi)perylene	ND		190	2.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Benzo(k)fluoranthene	ND		190	2.1	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Biphenyl	ND		190	12	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Bis(2-chloroethoxy)methane	ND		190	10	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Bis(2-chloroethyl)ether	ND		190	17	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,2'-Oxybis(1-Chloropropyl)ane	ND		190	20	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Bis(2-ethylhexyl)phthalate	ND		190	62	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-01 (GP-5 4-6 - Solid) - cont.						Sampled: 11/13/10 08:30		Recvd: 11/16/10 08:40		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Butyl benzyl phthalate	ND		190	52	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Caprolactam	ND		190	83	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Carbazole	ND		190	2.2	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Chrysene	ND		190	1.9	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Dibenzo(a,h)anthracene	ND		190	2.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Dibenzofuran	ND		190	2.0	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Diethyl phthalate	ND		190	5.8	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Dimethyl phthalate	ND		190	5.0	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Di-n-butyl phthalate	ND		190	66	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Di-n-octyl phthalate	ND		190	4.5	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Fluoranthene	ND		190	2.8	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Fluorene	ND		190	4.4	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Hexachlorobenzene	ND		190	9.6	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Hexachlorobutadiene	ND		190	9.8	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Hexachlorocyclopentadiene	ND		190	58	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Hexachloroethane	ND		190	15	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Indeno(1,2,3-cd)pyrene	ND		190	5.3	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Isophorone	ND		190	9.6	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Naphthalene	ND		190	3.2	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Nitrobenzene	ND		190	8.5	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
N-Nitrosodi-n-propylamine	ND		190	15	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
N-Nitrosodiphenylamine	ND		190	11	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Pentachlorophenol	ND		380	66	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Phenanthrene	ND		190	4.0	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Phenol	ND		190	20	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Pyrene	ND		190	1.2	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
Tetraethyl-Lead	ND		1100	180	ug/kg dry	1.00	11/16/10 21:13	MAF	10K1500	8270C
2,4,6-Tribromophenol	90 %		Surr Limits: (39-146%)				11/16/10 21:13	MAF	10K1500	8270C
2-Fluorobiphenyl	76 %		Surr Limits: (37-120%)				11/16/10 21:13	MAF	10K1500	8270C
2-Fluorophenol	62 %		Surr Limits: (18-120%)				11/16/10 21:13	MAF	10K1500	8270C
Nitrobenzene-d5	67 %		Surr Limits: (34-132%)				11/16/10 21:13	MAF	10K1500	8270C
Phenol-d5	71 %		Surr Limits: (11-120%)				11/16/10 21:13	MAF	10K1500	8270C
p-Terphenyl-d14	76 %		Surr Limits: (58-147%)				11/16/10 21:13	MAF	10K1500	8270C

General Chemistry Parameters

Percent Solids	88	0.010	NR	%	1.00	11/17/10 15:30	JRR	10K1663	Dry Weight
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GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-01RE1 (GP-5 4-6 - Solid)						Sampled: 11/13/10 08:30		Recvd: 11/16/10 08:40		
Volatile Organic Compounds by EPA 8260B										
1,2-Dichloroethene, Total	900	D08	85	22	ug/kg dry	1.00	11/17/10 17:54	RJ	10K1648	8260B
cis-1,2-Dichloroethene	900	D08	43	5.4	ug/kg dry	1.00	11/17/10 17:54	RJ	10K1648	8260B
1,2-Dichloroethane-d4	89 %	D08	Surr Limits: (64-126%)				11/17/10 17:54	RJ	10K1648	8260B
4-Bromofluorobenzene	102 %	D08	Surr Limits: (72-126%)				11/17/10 17:54	RJ	10K1648	8260B
Toluene-d8	105 %	D08	Surr Limits: (71-125%)				11/17/10 17:54	RJ	10K1648	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-02 (GP-6 7-8 - Solid)						Sampled: 11/13/10 10:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		5.6	0.40	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,1,2,2-Tetrachloroethane	ND		5.6	0.90	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,1,2-Trichloroethane	ND		5.6	0.72	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,1,2-Trichlorotrifluoroethane	ND		5.6	1.3	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,1-Dichloroethane	ND		5.6	0.68	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,1-Dichloroethene	ND		5.6	0.68	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dibromo-3-chloropropane	ND		5.6	2.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dibromoethane (EDB)	ND		5.6	0.72	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dichlorobenzene	ND		5.6	0.44	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dichloroethane	ND		5.6	0.28	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dichloroethene, Total	4.8	J	11	2.9	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dichloropropane	ND		5.6	2.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,3-Dichlorobenzene	ND		5.6	0.29	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,4-Dichlorobenzene	ND		5.6	0.78	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
2-Butanone (MEK)	ND		28	2.0	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
2-Hexanone	ND		28	2.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Acetone	ND		28	4.7	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Benzene	ND		5.6	0.27	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Bromodichloromethane	ND		5.6	0.75	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Bromoform	ND		5.6	2.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Bromomethane	ND		5.6	0.50	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Carbon disulfide	ND		5.6	2.8	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Carbon Tetrachloride	ND		5.6	0.54	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Chlorobenzene	ND		5.6	0.74	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Chlorodibromomethane	ND		5.6	0.71	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Chloroethane	ND		5.6	1.3	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Chloroform	ND		5.6	0.34	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Chloromethane	ND		5.6	0.34	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
cis-1,2-Dichloroethene	4.8	J	5.6	0.71	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
cis-1,3-Dichloropropene	ND		5.6	0.80	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Cyclohexane	ND		5.6	0.78	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Dichlorodifluoromethane	ND		5.6	0.46	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Ethylbenzene	ND		5.6	0.38	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Isopropylbenzene	ND		5.6	0.84	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Methyl Acetate	ND		5.6	1.0	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Methyl tert-Butyl Ether	ND		5.6	0.55	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Methylcyclohexane	ND		5.6	0.85	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Methylene Chloride	18	B	5.6	2.6	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Styrene	ND		5.6	0.28	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Tetrachloroethene	ND		5.6	0.75	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Toluene	ND		5.6	0.42	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Trichloroethene	48		5.6	1.2	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-02 (GP-6 7-8 - Solid) - cont.						Sampled: 11/13/10 10:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Trichlorofluoromethane	ND		5.6	0.53	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Vinyl chloride	ND		5.6	0.68	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
Xylenes, total	ND		11	0.94	ug/kg dry	1.00	11/17/10 14:03	RJ	10K1648	8260B
1,2-Dichloroethane-d4	110 %		Surr Limits: (64-126%)				11/17/10 14:03	RJ	10K1648	8260B
4-Bromofluorobenzene	105 %		Surr Limits: (72-126%)				11/17/10 14:03	RJ	10K1648	8260B
Toluene-d8	107 %		Surr Limits: (71-125%)				11/17/10 14:03	RJ	10K1648	8260B
<u>Semivolatile Organics by GC/MS</u>										
2,4,5-Trichlorophenol	ND		190	41	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4,6-Trichlorophenol	ND		190	12	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4-Dichlorophenol	ND		190	9.8	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4-Dimethylphenol	ND		190	50	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4-Dinitrophenol	ND		360	65	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4-Dinitrotoluene	ND		190	29	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,6-Dinitrotoluene	ND		190	46	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Chloronaphthalene	ND		190	12	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Chlorophenol	ND		190	9.5	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Methylnaphthalene	ND		190	2.3	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Methylphenol	ND		190	5.7	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Nitroaniline	ND		360	60	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2-Nitrophenol	ND		190	8.5	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
3,3'-Dichlorobenzidine	ND		190	160	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
3-Nitroaniline	ND		360	43	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4,6-Dinitro-2-methylphenol	ND		360	64	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Bromophenyl phenyl ether	ND		190	59	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Chloro-3-methylphenol	ND		190	7.7	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Chloroaniline	ND		190	55	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Chlorophenyl phenyl ether	ND		190	4.0	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Methylphenol	ND		360	10	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Nitroaniline	ND		360	21	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
4-Nitrophenol	ND		360	45	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Acenaphthene	ND		190	2.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Acenaphthylene	ND		190	1.5	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Acetophenone	ND		190	9.6	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Anthracene	ND		190	4.8	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Atrazine	ND		190	8.3	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzaldehyde	ND		190	20	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzo(a)anthracene	ND		190	3.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzo(a)pyrene	ND		190	4.5	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzo(b)fluoranthene	ND		190	3.6	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzo(ghi)perylene	ND		190	2.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Benzo(k)fluoranthene	ND		190	2.0	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Biphenyl	ND		190	12	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Bis(2-chloroethoxy)methane	ND		190	10	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Bis(2-chloroethyl)ether	ND		190	16	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,2'-Oxybis(1-Chloropropane)	ND		190	19	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-02 (GP-6 7-8 - Solid) - cont.						Sampled: 11/13/10 10:30		Recvd: 11/16/10 08:40		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Bis(2-ethylhexyl) phthalate	ND		190	60	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Butyl benzyl phthalate	ND		190	50	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Caprolactam	ND		190	81	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Carbazole	ND		190	2.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Chrysene	ND		190	1.9	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Dibenzo(a,h)anthracene	ND		190	2.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Dibenzofuran	ND		190	1.9	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Diethyl phthalate	ND		190	5.6	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Dimethyl phthalate	ND		190	4.9	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Di-n-butyl phthalate	ND		190	64	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Di-n-octyl phthalate	ND		190	4.4	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Fluoranthene	ND		190	2.7	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Fluorene	ND		190	4.3	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Hexachlorobenzene	ND		190	9.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Hexachlorobutadiene	ND		190	9.5	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Hexachlorocyclopentadiene	ND		190	56	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Hexachloroethane	ND		190	14	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Indeno(1,2,3-cd)pyrene	ND		190	5.1	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Isophorone	ND		190	9.3	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Naphthalene	ND		190	3.1	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Nitrobenzene	ND		190	8.3	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
N-Nitrosodi-n-propylamine	ND		190	15	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
N-Nitrosodiphenylamine	ND		190	10	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Pentachlorophenol	ND		360	64	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Phenanthrene	ND		190	3.9	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Phenol	ND		190	20	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Pyrene	ND		190	1.2	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
Tetraethyl-Lead	ND		1100	180	ug/kg dry	1.00	11/16/10 21:36	MAF	10K1500	8270C
2,4,6-Tribromophenol	95 %		Surr Limits: (39-146%)				11/16/10 21:36	MAF	10K1500	8270C
2-Fluorobiphenyl	73 %		Surr Limits: (37-120%)				11/16/10 21:36	MAF	10K1500	8270C
2-Fluorophenol	62 %		Surr Limits: (18-120%)				11/16/10 21:36	MAF	10K1500	8270C
Nitrobenzene-d5	67 %		Surr Limits: (34-132%)				11/16/10 21:36	MAF	10K1500	8270C
Phenol-d5	69 %		Surr Limits: (11-120%)				11/16/10 21:36	MAF	10K1500	8270C
p-Terphenyl-d14	82 %		Surr Limits: (58-147%)				11/16/10 21:36	MAF	10K1500	8270C

General Chemistry Parameters

Percent Solids	90	0.010	NR	%	1.00	11/17/10 15:32	JRR	10K1663	Dry Weight
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GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-03 (GP-5 - Water)						Sampled: 11/13/10 09:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,1,2-Trichloroethane	1.5		1.0	0.23	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Tetrachloroethene	2.8		1.0	0.36	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Vinyl chloride	1.4		1.0	0.90	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/17/10 06:09	NMD	10K1577	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
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Sample ID: RTK1150-03 (GP-5 - Water) - cont.

Sampled: 11/13/10 09:30

Recvd: 11/16/10 08:40

Volatile Organic Compounds by EPA 8260B - cont.

1,2-Dichloroethane-d4	113 %						11/17/10 06:09	NMD	10K1577	8260B
4-Bromofluorobenzene	101 %						11/17/10 06:09	NMD	10K1577	8260B
Toluene-d8	110 %						11/17/10 06:09	NMD	10K1577	8260B

Semivolatile Organics by GC/MS

2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4,6-Trichlorophenol	ND		5.0	0.60	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4-Dichlorophenol	ND		5.0	0.50	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4-Dimethylphenol	ND		5.0	0.50	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4-Dinitrophenol	ND		9.9	2.2	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4-Dinitrotoluene	ND		5.0	0.44	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Chloronaphthalene	ND		5.0	0.46	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Chlorophenol	ND		5.0	0.52	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Methylnaphthalene	ND		5.0	0.59	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Methylphenol	ND		5.0	0.40	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Nitroaniline	ND		9.9	0.42	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2-Nitrophenol	ND		5.0	0.48	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
3-Nitroaniline	ND		9.9	0.48	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4,6-Dinitro-2-methylphenol	ND		9.9	2.2	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Chloroaniline	ND		5.0	0.58	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Methylphenol	0.52	J	9.9	0.36	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Nitroaniline	1.5	J	9.9	0.25	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
4-Nitrophenol	ND		9.9	1.5	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Acenaphthene	ND		5.0	0.41	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Acenaphthylene	ND		5.0	0.38	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Acetophenone	ND		5.0	0.53	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Anthracene	ND		5.0	0.28	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Atrazine	ND		5.0	0.46	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzaldehyde	ND		5.0	0.26	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzo(a)anthracene	ND		5.0	0.36	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzo(a)pyrene	ND		5.0	0.47	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzo(ghi)perylene	ND		5.0	0.35	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Benzo(k)fluoranthene	ND		5.0	0.72	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Biphenyl	ND		5.0	0.65	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,2'-Oxybis(1-Chloropropyl)phthalate	ND		5.0	0.51	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Bis(2-ethylhexyl)phthalate	ND		5.0	1.8	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Butyl benzyl phthalate	0.48	J, B	5.0	0.42	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-03 (GP-5 - Water) - cont.						Sampled: 11/13/10 09:30		Recvd: 11/16/10 08:40		
<u>Semivolatile Organics by GC/MS - cont.</u>										
Caprolactam	ND		5.0	2.2	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Carbazole	ND		5.0	0.30	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Chrysene	ND		5.0	0.33	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Dibenzo(a,h)anthracene	ND		5.0	0.42	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Dibenzofuran	ND		9.9	0.50	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Diethyl phthalate	0.70	J	5.0	0.22	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Dimethyl phthalate	ND		5.0	0.36	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Di-n-butyl phthalate	0.91	J	5.0	0.31	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Di-n-octyl phthalate	ND		5.0	0.47	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Fluoranthene	ND		5.0	0.40	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Fluorene	ND		5.0	0.36	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Hexachlorobenzene	ND		5.0	0.50	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Hexachlorobutadiene	ND		5.0	0.67	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Hexachlorocyclopentadiene	ND		5.0	0.58	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Hexachloroethane	ND		5.0	0.58	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Isophorone	ND		5.0	0.43	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Naphthalene	ND		5.0	0.75	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Nitrobenzene	ND		5.0	0.29	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
N-Nitrosodi-n-propylamine	ND		5.0	0.53	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
N-Nitrosodiphenylamine	ND		5.0	0.50	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Pentachlorophenol	14		9.9	2.2	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Phenanthrene	ND		5.0	0.44	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Phenol	ND		5.0	0.39	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
Pyrene	ND		5.0	0.34	ug/L	1.00	11/17/10 20:20	JLG	10K1563	8270C
2,4,6-Tribromophenol	101 %		Surr Limits: (52-132%)				11/17/10 20:20	JLG	10K1563	8270C
2-Fluorobiphenyl	87 %		Surr Limits: (48-120%)				11/17/10 20:20	JLG	10K1563	8270C
2-Fluorophenol	48 %		Surr Limits: (20-120%)				11/17/10 20:20	JLG	10K1563	8270C
Nitrobenzene-d5	84 %		Surr Limits: (46-120%)				11/17/10 20:20	JLG	10K1563	8270C
Phenol-d5	36 %		Surr Limits: (16-120%)				11/17/10 20:20	JLG	10K1563	8270C
p-Terphenyl-d14	62 %		Surr Limits: (24-136%)				11/17/10 20:20	JLG	10K1563	8270C

GaiaTech Inc.
135 S. LaSalle St.
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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-03RE1 (GP-5 - Water)						Sampled: 11/13/10 09:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,2-Dichloroethene, Total	220	D08	80	28	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
cis-1,2-Dichloroethene	220	D08	40	32	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
Trichloroethene	3800	D08	40	18	ug/L	40.0	11/17/10 12:49	LH	10K1645	8260B
1,2-Dichloroethane-d4	110 %	D08	Surr Limits: (66-137%)				11/17/10 12:49	LH	10K1645	8260B
4-Bromofluorobenzene	97 %	D08	Surr Limits: (73-120%)				11/17/10 12:49	LH	10K1645	8260B
Toluene-d8	107 %	D08	Surr Limits: (71-126%)				11/17/10 12:49	LH	10K1645	8260B

GaiaTech Inc.
135 S. LaSalle St.
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Work Order: RTK1150

Project: Poestenkill, NY Project
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-04 (GP-6 - Water)					Sampled: 11/13/10 11:30			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dichloroethene, Total	65		2.0	0.70	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
cis-1,2-Dichloroethene	65		1.0	0.81	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B

GaiaTech Inc.
135 S. LaSalle St.
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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-04 (GP-6 - Water) - cont.						Sampled: 11/13/10 11:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Vinyl chloride	5.1		1.0	0.90	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/17/10 06:32	NMD	10K1577	8260B
1,2-Dichloroethane-d4	114 %		Surr Limits: (66-137%)				11/17/10 06:32	NMD	10K1577	8260B
4-Bromofluorobenzene	92 %		Surr Limits: (73-120%)				11/17/10 06:32	NMD	10K1577	8260B
Toluene-d8	103 %		Surr Limits: (71-126%)				11/17/10 06:32	NMD	10K1577	8260B

GaiaTech Inc.
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Chicago, IL 60603

Work Order: RTK1150

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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-04RE1 (GP-6 - Water)						Sampled: 11/13/10 11:30		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
Trichloroethene	210	D08, P6	4.0	1.8	ug/L	4.00	11/17/10 13:13	LH	10K1645	8260B
1,2-Dichloroethane-d4	111 %	D08, P6	Surr Limits: (66-137%)				11/17/10 13:13	LH	10K1645	8260B
4-Bromofluorobenzene	98 %	D08, P6	Surr Limits: (73-120%)				11/17/10 13:13	LH	10K1645	8260B
Toluene-d8	109 %	D08, P6	Surr Limits: (71-126%)				11/17/10 13:13	LH	10K1645	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
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Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-05 (TRIP BLANK - Water)					Sampled: 11/13/10			Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B</u>										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dichloroethene, Total	ND		2.0	0.70	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B

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www.testamericainc.com

GaiaTech Inc.
135 S. LaSalle St.
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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

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Reported: 11/19/10 11:56

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1150-05 (TRIP BLANK - Water) - cont.						Sampled: 11/13/10		Recvd: 11/16/10 08:40		
<u>Volatile Organic Compounds by EPA 8260B - cont.</u>										
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/17/10 06:55	NMD	10K1577	8260B
1,2-Dichloroethane-d4	113 %		Surr Limits: (66-137%)				11/17/10 06:55	NMD	10K1577	8260B
4-Bromofluorobenzene	98 %		Surr Limits: (73-120%)				11/17/10 06:55	NMD	10K1577	8260B
Toluene-d8	109 %		Surr Limits: (71-126%)				11/17/10 06:55	NMD	10K1577	8260B

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	10K1663	RTK1150-01	10.00	g	10.00	g	11/17/10 11:36	JRR	Dry Weight
Dry Weight	10K1663	RTK1150-02	10.00	g	10.00	g	11/17/10 11:36	JRR	Dry Weight
Semivolatile Organics by GC/MS									
8270C	10K1563	RTK1150-03	1,010.00	mL	1.00	mL	11/16/10 17:00	BWM	3510C MB
8270C	10K1500	RTK1150-01	30.04	g	1.00	mL	11/16/10 09:00	CXM	3550B MB
8270C	10K1500	RTK1150-02	30.38	g	1.00	mL	11/16/10 09:00	CXM	3550B MB
Volatile Organic Compounds by EPA 8260B									
8260B	10K1645	RTK1150-03RE'	5.00	mL	5.00	mL	11/17/10 09:48	LCH	5030B MS
8260B	10K1645	RTK1150-04RE'	5.00	mL	5.00	mL	11/17/10 09:48	LCH	5030B MS
8260B	10K1577	RTK1150-03	5.00	mL	5.00	mL	11/16/10 18:05	NMD	5030B MS
8260B	10K1577	RTK1150-04	5.00	mL	5.00	mL	11/16/10 18:05	NMD	5030B MS
8260B	10K1577	RTK1150-05	5.00	mL	5.00	mL	11/16/10 18:05	NMD	5030B MS
8260B	10K1648	RTK1150-01RE'	0.67	g	5.00	mL	11/17/10 10:00	RMJ	5030B MS
8260B	10K1648	RTK1150-02	5.01	g	5.00	mL	11/17/10 10:00	RMJ	5030B MS
8260B	10K1648	RTK1150-01	5.33	g	5.00	mL	11/17/10 10:00	RMJ	5030B MS

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1577-BLK1, Batch: 10K1577)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloroethene, Total			2.0	0.70	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1577-BLK1, Batch: 10K1577)											
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
<i>Surrogate:</i>						ug/L	110	66-137			
<i>1,2-Dichloroethane-d4</i>						ug/L	102	73-120			
<i>Surrogate:</i>						ug/L	106	71-126			
<i>4-Bromofluorobenzene</i>						ug/L					
<i>Surrogate: Toluene-d8</i>						ug/L					
LCS Analyzed: 11/16/10 (Lab Number:10K1577-BS1, Batch: 10K1577)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	23.8	95	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	21.7	87	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	25.9	104	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	23.6	94	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	47.7		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1577-BS1, Batch: 10K1577)											
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	24.6	98	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	26.0	104	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	23.9	96	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	26.3	105	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	19.2	77	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	ND		57-132			
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	26.7	107	74-122			
Toluene		25.0	1.0	0.51	ug/L	25.0	100	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	23.8	95	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	24.8	99	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	77.7	104	76-122			

Surrogate: 1,2-Dichloroethane-d4 ug/L 99 66-137
Surrogate: 4-Bromofluorobenzene ug/L 102 73-120
Surrogate: Toluene-d8 ug/L 107 71-126

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Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 11/16/10 (Lab Number:10K1577-BS1, Batch: 10K1577)

Volatile Organic Compounds by EPA 8260B

Blank Analyzed: 11/17/10 (Lab Number:10K1645-BLK1, Batch: 10K1645)

1,1,1-Trichloroethane	1.0	0.82	ug/L	ND
1,1,2,2-Tetrachloroethane	1.0	0.21	ug/L	ND
1,1,2-Trichloroethane	1.0	0.23	ug/L	ND
1,1,2-Trichlorotrifluoroethane	1.0	0.31	ug/L	ND
1,1-Dichloroethane	1.0	0.38	ug/L	ND
1,1-Dichloroethene	1.0	0.29	ug/L	ND
1,2,4-Trichlorobenzene	1.0	0.41	ug/L	ND
1,2-Dibromo-3-chloropropane	1.0	0.39	ug/L	ND
1,2-Dibromoethane (EDB)	1.0	0.73	ug/L	ND
1,2-Dichlorobenzene	1.0	0.79	ug/L	ND
1,2-Dichloroethane	1.0	0.21	ug/L	ND
1,2-Dichloroethene, Total	2.0	0.70	ug/L	ND
1,2-Dichloropropane	1.0	0.72	ug/L	ND
1,3-Dichlorobenzene	1.0	0.78	ug/L	ND
1,4-Dichlorobenzene	1.0	0.84	ug/L	ND
2-Butanone (MEK)	10	1.3	ug/L	ND
2-Hexanone	5.0	1.2	ug/L	ND
4-Methyl-2-pentanone (MIBK)	5.0	2.1	ug/L	ND
Acetone	10	3.0	ug/L	ND
Benzene	1.0	0.41	ug/L	ND
Bromodichloromethane	1.0	0.39	ug/L	ND
Bromoform	1.0	0.26	ug/L	ND
Bromomethane	1.0	0.69	ug/L	ND
Carbon disulfide	1.0	0.19	ug/L	ND
Carbon Tetrachloride	1.0	0.27	ug/L	ND
Chlorobenzene	1.0	0.75	ug/L	ND
Chlorodibromomethane	1.0	0.32	ug/L	ND
Chloroethane	1.0	0.32	ug/L	ND
Chloroform	1.0	0.34	ug/L	ND
Chloromethane	1.0	0.35	ug/L	ND
cis-1,2-Dichloroethene	1.0	0.81	ug/L	ND
cis-1,3-Dichloropropene	1.0	0.36	ug/L	ND
Cyclohexane	1.0	0.18	ug/L	ND
Dichlorodifluoromethane	1.0	0.68	ug/L	ND
Ethylbenzene	1.0	0.74	ug/L	ND

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatiles Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1645-BLK1, Batch: 10K1645)											
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate:											
1,2-Dichloroethane-d4					ug/L		109	66-137			
Surrogate:											
4-Bromofluorobenzene					ug/L		100	73-120			
Surrogate: Toluene-d8											
					ug/L		109	71-126			
LCS Analyzed: 11/17/10 (Lab Number:10K1645-BS1, Batch: 10K1645)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	23.7	95	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	22.5	90	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	25.6	103	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	26.3	105	75-127			
1,2-Dichloroethene, Total			2.0	0.70	ug/L	47.9		72-124			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1645-BS1, Batch: 10K1645)											
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	24.1	96	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	25.6	102	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	23.9	96	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	25.5	102	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	20.1	81	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	0.840		57-132			J
Styrene			1.0	0.73	ug/L	ND		70-130			
Tetrachloroethene		25.0	1.0	0.36	ug/L	25.1	101	74-122			
Toluene		25.0	1.0	0.51	ug/L	24.2	97	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	24.0	96	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	25.6	102	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	75.2	100	76-122			

Surrogate: 1,2-Dichloroethane-d4 ug/L 112 66-137
Surrogate: 4-Bromofluorobenzene ug/L 102 73-120
Surrogate: Toluene-d8 ug/L 106 71-126

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Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

Volatile Organic Compounds by EPA 8260B

LCS Analyzed: 11/17/10 (Lab Number:10K1645-BS1, Batch: 10K1645)

Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1645-MS1, Batch: 10K1645)

QC Source Sample: RTK1150-03RE1

1,1,1-Trichloroethane	ND		40	33	ug/L	ND		73-126	D08
1,1,2,2-Tetrachloroethane	ND		40	8.5	ug/L	ND		70-126	D08
1,1,2-Trichloroethane	ND		40	9.2	ug/L	ND		76-122	D08
1,1,2-Trichlorotrifluoroethane	ND		40	12	ug/L	ND		60-140	D08
1,1-Dichloroethane	ND	1000	40	15	ug/L	967	97	71-129	D08
1,1-Dichloroethene	ND	1000	40	12	ug/L	884	88	65-138	D08
1,2,4-Trichlorobenzene	ND		40	16	ug/L	ND		70-122	D08
1,2-Dibromo-3-chloropropane	ND		40	16	ug/L	ND		56-134	D08
1,2-Dibromoethane (EDB)	ND		40	29	ug/L	ND		77-120	D08
1,2-Dichlorobenzene	ND	1000	40	32	ug/L	1030	103	77-120	D08
1,2-Dichloroethane	ND	1000	40	8.6	ug/L	1070	107	75-127	D08
1,2-Dichloroethene, Total	215		80	28	ug/L	2080		72-124	D08
1,2-Dichloropropane	ND		40	29	ug/L	ND		76-120	D08
1,3-Dichlorobenzene	ND		40	31	ug/L	ND		77-120	D08
1,4-Dichlorobenzene	ND		40	34	ug/L	ND		75-120	D08
2-Butanone (MEK)	ND		400	53	ug/L	ND		57-140	D08
2-Hexanone	ND		200	50	ug/L	ND		65-127	D08
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L	ND		71-125	D08
Acetone	ND		400	120	ug/L	ND		56-142	D08
Benzene	ND	1000	40	16	ug/L	988	99	71-124	D08
Bromodichloromethane	ND		40	15	ug/L	ND		80-122	D08
Bromoform	ND		40	10	ug/L	ND		66-128	D08
Bromomethane	ND		40	28	ug/L	ND		36-150	D08
Carbon disulfide	ND		40	7.8	ug/L	ND		59-134	D08
Carbon Tetrachloride	ND		40	11	ug/L	ND		72-134	D08
Chlorobenzene	ND	1000	40	30	ug/L	1050	105	72-120	D08
Chlorodibromomethane	ND		40	13	ug/L	ND		75-125	D08
Chloroethane	ND		40	13	ug/L	ND		69-136	D08
Chloroform	ND		40	13	ug/L	ND		73-127	D08
Chloromethane	ND		40	14	ug/L	ND		49-142	D08
cis-1,2-Dichloroethene	215	1000	40	32	ug/L	1110	89	74-124	D08
cis-1,3-Dichloropropene	ND		40	14	ug/L	ND		74-124	D08
Cyclohexane	ND		40	7.2	ug/L	ND		70-130	D08
Dichlorodifluoromethane	ND		40	27	ug/L	ND		33-157	D08
Ethylbenzene	ND	1000	40	30	ug/L	1050	105	77-123	D08
Isopropylbenzene	ND		40	32	ug/L	ND		77-122	D08

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1645-MS1, Batch: 10K1645)											
QC Source Sample: RTK1150-03RE1											
Methyl Acetate	ND		40	20	ug/L	ND		60-140			D08
Methyl tert-Butyl Ether	ND	1000	40	6.4	ug/L	768	77	64-127			D08
Methylcyclohexane	ND		40	6.4	ug/L	ND		60-140			D08
Methylene Chloride	ND		40	18	ug/L	36.8		57-132			D08,J
Styrene	ND		40	29	ug/L	ND		70-130			D08
Tetrachloroethene	ND	1000	40	15	ug/L	994	99	74-122			D08
Toluene	ND	1000	40	20	ug/L	965	96	70-122			D08
trans-1,2-Dichloroethene	ND	1000	40	36	ug/L	976	98	73-127			D08
trans-1,3-Dichloropropene	ND		40	15	ug/L	ND		72-123			D08
Trichloroethene	3770	1000	40	18	ug/L	3780	1	74-123			D08,M8
Trichlorofluoromethane	ND		40	35	ug/L	ND		62-152			D08
Vinyl chloride	ND		40	36	ug/L	ND		65-133			D08
Xylenes, total	ND	3000	80	26	ug/L	3270	109	76-122			D08
<i>Surrogate:</i>					ug/L		115	66-137			D08
<i>1,2-Dichloroethane-d4</i>					ug/L		98	73-120			D08
<i>Surrogate:</i>					ug/L						
<i>4-Bromofluorobenzene</i>					ug/L		105	71-126			D08
<i>Surrogate: Toluene-d8</i>					ug/L						
Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1645-MSD1, Batch: 10K1645)											
QC Source Sample: RTK1150-03RE1											
1,1,1-Trichloroethane	ND		40	33	ug/L	ND		73-126		15	D08
1,1,2,2-Tetrachloroethane	ND		40	8.5	ug/L	ND		70-126		15	D08
1,1,2-Trichloroethane	ND		40	9.2	ug/L	ND		76-122		15	D08
1,1,2-Trichlorotrifluoroethane	ND		40	12	ug/L	ND		60-140		20	D08
1,1-Dichloroethane	ND	1000	40	15	ug/L	996	100	71-129	3	20	D08
1,1-Dichloroethene	ND	1000	40	12	ug/L	973	97	65-138	10	16	D08
1,2,4-Trichlorobenzene	ND		40	16	ug/L	ND		70-122		20	D08
1,2-Dibromo-3-chloropropane	ND		40	16	ug/L	ND		56-134		15	D08
1,2-Dibromoethane (EDB)	ND		40	29	ug/L	ND		77-120		15	D08
1,2-Dichlorobenzene	ND	1000	40	32	ug/L	1060	106	77-120	3	20	D08
1,2-Dichloroethane	ND	1000	40	8.6	ug/L	1080	108	75-127	0.5	20	D08
1,2-Dichloroethene, Total	215		80	28	ug/L	2170		72-124	4	20	D08
1,2-Dichloropropane	ND		40	29	ug/L	ND		76-120		20	D08
1,3-Dichlorobenzene	ND		40	31	ug/L	ND		77-120		20	D08
1,4-Dichlorobenzene	ND		40	34	ug/L	ND		75-120		20	D08

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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1645-MSD1, Batch: 10K1645)											
QC Source Sample: RTK1150-03RE1											
2-Butanone (MEK)	ND		400	53	ug/L	ND		57-140		20	D08
2-Hexanone	ND		200	50	ug/L	ND		65-127		15	D08
4-Methyl-2-pentanone (MIBK)	ND		200	84	ug/L	ND		71-125		35	D08
Acetone	ND		400	120	ug/L	ND		56-142		15	D08
Benzene	ND	1000	40	16	ug/L	1020	102	71-124	3	13	D08
Bromodichloromethane	ND		40	15	ug/L	ND		80-122		15	D08
Bromoform	ND		40	10	ug/L	ND		66-128		15	D08
Bromomethane	ND		40	28	ug/L	ND		36-150		15	D08
Carbon disulfide	ND		40	7.8	ug/L	ND		59-134		15	D08
Carbon Tetrachloride	ND		40	11	ug/L	ND		72-134		15	D08
Chlorobenzene	ND	1000	40	30	ug/L	1070	107	72-120	2	25	D08
Chlorodibromomethane	ND		40	13	ug/L	ND		75-125		15	D08
Chloroethane	ND		40	13	ug/L	ND		69-136		15	D08
Chloroform	ND		40	13	ug/L	ND		73-127		20	D08
Chloromethane	ND		40	14	ug/L	ND		49-142		15	D08
cis-1,2-Dichloroethene	215	1000	40	32	ug/L	1150	93	74-124	3	15	D08
cis-1,3-Dichloropropene	ND		40	14	ug/L	ND		74-124		15	D08
Cyclohexane	ND		40	7.2	ug/L	ND		70-130		20	D08
Dichlorodifluoromethane	ND		40	27	ug/L	ND		33-157		20	D08
Ethylbenzene	ND	1000	40	30	ug/L	1080	108	77-123	3	15	D08
Isopropylbenzene	ND		40	32	ug/L	ND		77-122		20	D08
Methyl Acetate	ND		40	20	ug/L	ND		60-140		20	D08
Methyl tert-Butyl Ether	ND	1000	40	6.4	ug/L	778	78	64-127	1	37	D08
Methylcyclohexane	ND		40	6.4	ug/L	ND		60-140		20	D08
Methylene Chloride	ND		40	18	ug/L	25.2		57-132	37	15	D08,J
Styrene	ND		40	29	ug/L	ND		70-130		20	D08
Tetrachloroethene	ND	1000	40	15	ug/L	1050	105	74-122	6	20	D08
Toluene	ND	1000	40	20	ug/L	1030	103	70-122	6	15	D08
trans-1,2-Dichloroethene	ND	1000	40	36	ug/L	1020	102	73-127	5	20	D08
trans-1,3-Dichloropropene	ND		40	15	ug/L	ND		72-123		15	D08
Trichloroethene	3770	1000	40	18	ug/L	3830	6	74-123	1	16	D08,M8
Trichlorofluoromethane	ND		40	35	ug/L	ND		62-152		20	D08
Vinyl chloride	ND		40	36	ug/L	ND		65-133		15	D08
Xylenes, total	ND	3000	80	26	ug/L	3190	106	76-122	2	16	D08
Surrogate:					ug/L		113	66-137			D08
1,2-Dichloroethane-d4											

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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
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Volatiles Organic Compounds by EPA 8260B

Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1645-MSD1, Batch: 10K1645)

QC Source Sample: RTK1150-03RE1

Surrogate:					ug/L	102	73-120				D08
4-Bromofluorobenzene											
Surrogate: Toluene-d8					ug/L	108	71-126				D08

Volatiles Organic Compounds by EPA 8260B

Blank Analyzed: 11/17/10 (Lab Number:10K1648-BLK1, Batch: 10K1648)

1,1,1-Trichloroethane	5.0	0.36	ug/kg wet	ND
1,1,2,2-Tetrachloroethane	5.0	0.81	ug/kg wet	ND
1,1,2-Trichloroethane	5.0	0.65	ug/kg wet	ND
1,1,2-Trichlorotrifluoroethane	5.0	1.1	ug/kg wet	ND
1,1-Dichloroethane	5.0	0.61	ug/kg wet	ND
1,1-Dichloroethene	5.0	0.61	ug/kg wet	ND
1,2,4-Trichlorobenzene	5.0	0.30	ug/kg wet	ND
1,2-Dibromo-3-chloropropane	5.0	2.5	ug/kg wet	ND
1,2-Dibromoethane (EDB)	5.0	0.64	ug/kg wet	ND
1,2-Dichlorobenzene	5.0	0.39	ug/kg wet	ND
1,2-Dichloroethane	5.0	0.25	ug/kg wet	ND
1,2-Dichloroethene, Total	10	2.6	ug/kg wet	ND
1,2-Dichloropropane	5.0	2.5	ug/kg wet	ND
1,3-Dichlorobenzene	5.0	0.26	ug/kg wet	ND
1,4-Dichlorobenzene	5.0	0.70	ug/kg wet	ND
2-Butanone (MEK)	25	1.8	ug/kg wet	ND
2-Hexanone	25	2.5	ug/kg wet	ND
4-Methyl-2-pentanone (MIBK)	25	1.6	ug/kg wet	ND
Acetone	25	4.2	ug/kg wet	ND
Benzene	5.0	0.24	ug/kg wet	ND
Bromodichloromethane	5.0	0.67	ug/kg wet	ND
Bromoform	5.0	2.5	ug/kg wet	ND
Bromomethane	5.0	0.45	ug/kg wet	ND
Carbon disulfide	5.0	2.5	ug/kg wet	ND
Carbon Tetrachloride	5.0	0.48	ug/kg wet	ND
Chlorobenzene	5.0	0.66	ug/kg wet	ND
Chlorodibromomethane	5.0	0.64	ug/kg wet	ND
Chloroethane	5.0	1.1	ug/kg wet	ND
Chloroform	5.0	0.31	ug/kg wet	ND

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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1648-BLK1, Batch: 10K1648)											
Chloromethane			5.0	0.30	ug/kg wet	ND					
cis-1,2-Dichloroethene			5.0	0.64	ug/kg wet	ND					
cis-1,3-Dichloropropene			5.0	0.72	ug/kg wet	ND					
Cyclohexane			5.0	0.70	ug/kg wet	ND					
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND					
Ethylbenzene			5.0	0.34	ug/kg wet	ND					
Isopropylbenzene			5.0	0.75	ug/kg wet	ND					
Methyl Acetate			5.0	0.93	ug/kg wet	ND					
Methyl tert-Butyl Ether			5.0	0.49	ug/kg wet	ND					
Methylcyclohexane			5.0	0.76	ug/kg wet	ND					
Methylene Chloride			5.0	2.3	ug/kg wet	12					
Styrene			5.0	0.25	ug/kg wet	ND					
Tetrachloroethene			5.0	0.67	ug/kg wet	ND					
Toluene			5.0	0.38	ug/kg wet	ND					
trans-1,2-Dichloroethene			5.0	0.52	ug/kg wet	ND					
trans-1,3-Dichloropropene			5.0	2.2	ug/kg wet	ND					
Trichloroethene			5.0	1.1	ug/kg wet	ND					
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND					
Vinyl chloride			5.0	0.61	ug/kg wet	ND					
Xylenes, total			10	0.84	ug/kg wet	ND					
Surrogate: 1,2-Dichloroethane-d4					ug/kg wet		107	64-126			
Surrogate: 4-Bromofluorobenzene					ug/kg wet		104	72-126			
Surrogate: Toluene-d8					ug/kg wet		107	71-125			

LCS Analyzed: 11/17/10 (Lab Number:10K1648-BS1, Batch: 10K1648)

1,1,1-Trichloroethane			5.0	0.36	ug/kg wet	ND		77-121			
1,1,2,2-Tetrachloroethane			5.0	0.81	ug/kg wet	ND		80-120			
1,1,2-Trichloroethane			5.0	0.65	ug/kg wet	ND		78-122			
1,1,2-Trichlorotrifluoroethane			5.0	1.1	ug/kg wet	ND		60-140			
1,1-Dichloroethane		50.0	5.0	0.61	ug/kg wet	50.3	101	79-126			
1,1-Dichloroethene		50.0	5.0	0.61	ug/kg wet	53.3	107	65-153			
1,2,4-Trichlorobenzene			5.0	0.30	ug/kg wet	ND		64-120			
1,2-Dibromo-3-chloropropane			5.0	2.5	ug/kg wet	ND		63-124			
1,2-Dibromoethane (EDB)			5.0	0.64	ug/kg wet	ND		78-120			
1,2-Dichlorobenzene		50.0	5.0	0.39	ug/kg wet	45.3	91	75-120			

GaiaTech Inc.
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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1648-BS1, Batch: 10K1648)											
1,2-Dichloroethane		50.0	5.0	0.25	ug/kg wet	47.7	95	77-122			
1,2-Dichloroethene, Total			10	2.6	ug/kg wet	104		82-120			
1,2-Dichloropropane			5.0	2.5	ug/kg wet	ND		75-124			
1,3-Dichlorobenzene			5.0	0.26	ug/kg wet	ND		74-120			
1,4-Dichlorobenzene			5.0	0.70	ug/kg wet	ND		73-120			
2-Butanone (MEK)			25	1.8	ug/kg wet	ND		70-134			
2-Hexanone			25	2.5	ug/kg wet	ND		59-130			
4-Methyl-2-pentanone (MIBK)			25	1.6	ug/kg wet	ND		65-133			
Acetone			25	4.2	ug/kg wet	ND		61-137			
Benzene		50.0	5.0	0.24	ug/kg wet	50.8	102	79-127			
Bromodichloromethane			5.0	0.67	ug/kg wet	ND		80-122			
Bromoform			5.0	2.5	ug/kg wet	ND		68-126			
Bromomethane			5.0	0.45	ug/kg wet	ND		37-149			
Carbon disulfide			5.0	2.5	ug/kg wet	ND		64-131			
Carbon Tetrachloride			5.0	0.48	ug/kg wet	ND		75-135			
Chlorobenzene		50.0	5.0	0.66	ug/kg wet	50.2	100	76-124			
Chlorodibromomethane			5.0	0.64	ug/kg wet	ND		76-125			
Chloroethane			5.0	1.1	ug/kg wet	ND		69-135			
Chloroform			5.0	0.31	ug/kg wet	ND		80-118			
Chloromethane			5.0	0.30	ug/kg wet	ND		63-127			
cis-1,2-Dichloroethene		50.0	5.0	0.64	ug/kg wet	51.0	102	81-117			
cis-1,3-Dichloropropene			5.0	0.72	ug/kg wet	ND		82-120			
Cyclohexane			5.0	0.70	ug/kg wet	ND		70-130			
Dichlorodifluoromethane			5.0	0.41	ug/kg wet	ND		57-142			
Ethylbenzene		50.0	5.0	0.34	ug/kg wet	50.0	100	80-120			
Isopropylbenzene			5.0	0.75	ug/kg wet	ND		72-120			
Methyl Acetate			5.0	0.93	ug/kg wet	ND		60-140			
Methyl tert-Butyl Ether		50.0	5.0	0.49	ug/kg wet	45.2	90	63-125			
Methylcyclohexane			5.0	0.76	ug/kg wet	ND		60-140			
Methylene Chloride			5.0	2.3	ug/kg wet	6.40		61-127			B
Styrene			5.0	0.25	ug/kg wet	ND		80-120			
Tetrachloroethene		50.0	5.0	0.67	ug/kg wet	53.5	107	74-122			
Toluene		50.0	5.0	0.38	ug/kg wet	46.2	92	74-128			
trans-1,2-Dichloroethene		50.0	5.0	0.52	ug/kg wet	52.6	105	78-126			
trans-1,3-Dichloropropene			5.0	2.2	ug/kg wet	ND		73-123			
Trichloroethene		50.0	5.0	1.1	ug/kg wet	50.3	101	77-129			
Trichlorofluoromethane			5.0	0.47	ug/kg wet	ND		65-146			

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Volatile Organic Compounds by EPA 8260B</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1648-BS1, Batch: 10K1648)											
Vinyl chloride			5.0	0.61	ug/kg wet	ND		61-133			
Xylenes, total		150	10	0.84	ug/kg wet	151	101	80-120			
<i>Surrogate:</i>						<i>ug/kg wet</i>	97	64-126			
<i>1,2-Dichloroethane-d4</i>						<i>ug/kg wet</i>	106	72-126			
<i>Surrogate:</i>						<i>ug/kg wet</i>					
<i>4-Bromofluorobenzene</i>						<i>ug/kg wet</i>					
<i>Surrogate: Toluene-d8</i>						<i>ug/kg wet</i>	106	71-125			

GaiaTech Inc.
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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)											
2,4,5-Trichlorophenol			170	36	ug/kg wet	ND					
2,4,6-Trichlorophenol			170	11	ug/kg wet	ND					
2,4-Dichlorophenol			170	8.7	ug/kg wet	ND					
2,4-Dimethylphenol			170	45	ug/kg wet	ND					
2,4-Dinitrophenol			330	58	ug/kg wet	ND					
2,4-Dinitrotoluene			170	26	ug/kg wet	ND					
2,6-Dinitrotoluene			170	41	ug/kg wet	ND					
2-Chloronaphthalene			170	11	ug/kg wet	ND					
2-Chlorophenol			170	8.5	ug/kg wet	ND					
2-Methylnaphthalene			170	2.0	ug/kg wet	ND					
2-Methylphenol			170	5.1	ug/kg wet	ND					
2-Nitroaniline			330	53	ug/kg wet	ND					
2-Nitrophenol			170	7.6	ug/kg wet	ND					
3,3'-Dichlorobenzidine			170	150	ug/kg wet	ND					
3-Nitroaniline			330	38	ug/kg wet	ND					
4,6-Dinitro-2-methylphenol			330	57	ug/kg wet	ND					
4-Bromophenyl phenyl ether			170	53	ug/kg wet	ND					
4-Chloro-3-methylphenol			170	6.8	ug/kg wet	ND					
4-Chloroaniline			170	49	ug/kg wet	ND					
4-Chlorophenyl phenyl ether			170	3.5	ug/kg wet	ND					
4-Methylphenol			330	9.3	ug/kg wet	ND					
4-Nitroaniline			330	19	ug/kg wet	ND					
4-Nitrophenol			330	40	ug/kg wet	ND					
Acenaphthene			170	2.0	ug/kg wet	ND					
Acenaphthylene			170	1.4	ug/kg wet	ND					
Acetophenone			170	8.5	ug/kg wet	ND					
Anthracene			170	4.3	ug/kg wet	ND					
Atrazine			170	7.4	ug/kg wet	ND					
Benzaldehyde			170	18	ug/kg wet	ND					
Benzo(a)anthracene			170	2.9	ug/kg wet	ND					
Benzo(a)pyrene			170	4.0	ug/kg wet	ND					
Benzo(b)fluoranthene			170	3.2	ug/kg wet	ND					
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND					
Benzo(k)fluoranthene			170	1.8	ug/kg wet	ND					
Biphenyl			170	10	ug/kg wet	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)											
Bis(2-chloroethoxy)methane			170	9.0	ug/kg wet	ND					
Bis(2-chloroethyl)ether			170	14	ug/kg wet	ND					
2,2'-Oxybis(1-Chloropropane)			170	17	ug/kg wet	ND					
Bis(2-ethylhexyl)phthalate			170	54	ug/kg wet	ND					
Butyl benzyl phthalate			170	45	ug/kg wet	ND					
Caprolactam			170	72	ug/kg wet	ND					
Carbazole			170	1.9	ug/kg wet	ND					
Chrysene			170	1.7	ug/kg wet	ND					
Dibenzo(a,h)anthracene			170	2.0	ug/kg wet	ND					
Dibenzofuran			170	1.7	ug/kg wet	ND					
Diethyl phthalate			170	5.0	ug/kg wet	ND					
Dimethyl phthalate			170	4.3	ug/kg wet	ND					
Di-n-butyl phthalate			170	58	ug/kg wet	ND					
Di-n-octyl phthalate			170	3.9	ug/kg wet	ND					
Fluoranthene			170	2.4	ug/kg wet	ND					
Fluorene			170	3.8	ug/kg wet	ND					
Hexachlorobenzene			170	8.3	ug/kg wet	ND					
Hexachlorobutadiene			170	8.5	ug/kg wet	ND					
Hexachlorocyclopentadiene			170	50	ug/kg wet	ND					
Hexachloroethane			170	13	ug/kg wet	ND					
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND					
Isophorone			170	8.3	ug/kg wet	ND					
Naphthalene			170	2.8	ug/kg wet	ND					
Nitrobenzene			170	7.4	ug/kg wet	ND					
N-Nitrosodi-n-propylamine			170	13	ug/kg wet	ND					
N-Nitrosodiphenylamine			170	9.1	ug/kg wet	ND					
Pentachlorophenol			330	57	ug/kg wet	ND					
Phenanthrene			170	3.5	ug/kg wet	ND					
Phenol			170	18	ug/kg wet	ND					
Pyrene			170	1.1	ug/kg wet	ND					
Tetraethyl-Lead			990	160	ug/kg wet	ND					
<i>Surrogate:</i>					<i>ug/kg wet</i>		87	39-146			
<i>2,4,6-Tribromophenol</i>											
<i>Surrogate:</i>					<i>ug/kg wet</i>		59	37-120			
<i>2-Fluorobiphenyl</i>											

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Blank Analyzed: 11/16/10 (Lab Number:10K1500-BLK1, Batch: 10K1500)											
Surrogate:					ug/kg wet		49	18-120			
2-Fluorophenol											
Surrogate:					ug/kg wet		54	34-132			
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/kg wet		57	11-120			
Surrogate:					ug/kg wet		80	58-147			
p-Terphenyl-d14											
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
1,2,4-Trichlorobenzene		3260	320	4.7	ug/kg wet	1740	53	39-120			
1,2-Dichlorobenzene			320	3.2	ug/kg wet	ND		18-120			
1,3-Dichlorobenzene			320	2.9	ug/kg wet	ND		14-120			
1,4-Dichlorobenzene		3260	320	2.2	ug/kg wet	1520	47	34-120			
1,4-Dioxane		3260	200	37	ug/kg wet	ND		11-120			
2,4,5-Trichlorophenol			170	36	ug/kg wet	ND		59-126			
2,4,6-Trichlorophenol			170	11	ug/kg wet	ND		59-123			
2,4-Dichlorophenol			170	8.6	ug/kg wet	ND		52-120			
2,4-Dimethylphenol			170	45	ug/kg wet	ND		36-120			
2,4-Dinitrophenol			320	58	ug/kg wet	ND		35-146			
2,4-Dinitrotoluene		3260	170	26	ug/kg wet	2250	69	55-125			
2,6-Dinitrotoluene			170	40	ug/kg wet	ND		66-128			
2-Chloronaphthalene			170	11	ug/kg wet	ND		57-120			
2-Chlorophenol		3260	170	8.4	ug/kg wet	1770	54	38-120			
2-Methylnaphthalene			170	2.0	ug/kg wet	ND		47-120			
2-Methylphenol			170	5.1	ug/kg wet	ND		48-120			
2-Nitroaniline			320	53	ug/kg wet	ND		61-130			
2-Nitrophenol			170	7.5	ug/kg wet	ND		50-120			
3,3'-Dichlorobenzidine			170	140	ug/kg wet	ND		48-126			
3-Nitroaniline			320	38	ug/kg wet	ND		61-127			
4,6-Dinitro-2-methylphenol			320	57	ug/kg wet	ND		49-155			
4-Bromophenyl phenyl ether			170	52	ug/kg wet	ND		58-131			
4-Chloro-3-methylphenol		3260	170	6.8	ug/kg wet	2080	64	49-125			
4-Chloroaniline			170	48	ug/kg wet	ND		49-120			
4-Chlorophenyl phenyl ether			170	3.5	ug/kg wet	ND		63-124			
4-Methylphenol			320	9.2	ug/kg wet	ND		50-119			
4-Nitroaniline			320	18	ug/kg wet	ND		63-128			
4-Nitrophenol		3260	320	40	ug/kg wet	2540	78	43-137			
Acenaphthene		3260	170	1.9	ug/kg wet	1990	61	53-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
Acenaphthylene			170	1.3	ug/kg wet	ND		58-121			
Acetophenone			170	8.5	ug/kg wet	ND		66-120			
Anthracene			170	4.2	ug/kg wet	ND		62-129			
Atrazine			170	7.3	ug/kg wet	ND		73-133			
Benzaldehyde			170	18	ug/kg wet	ND		21-120			
Benzo(a)anthracene			170	2.8	ug/kg wet	ND		65-133			
Benzo(a)pyrene			170	4.0	ug/kg wet	ND		64-127			
Benzo(b)fluoranthene			170	3.2	ug/kg wet	ND		64-135			
Benzo(ghi)perylene			170	2.0	ug/kg wet	ND		50-152			
Benzo(k)fluoranthene			170	1.8	ug/kg wet	ND		58-138			
Biphenyl			170	10	ug/kg wet	ND		71-120			
Bis(2-chloroethoxy)methane			170	9.0	ug/kg wet	ND		61-133			
Bis(2-chloroethyl)ether			170	14	ug/kg wet	ND		45-120			
2,2'-Oxybis(1-Chloropropane)			170	17	ug/kg wet	ND		44-120			
Bis(2-ethylhexyl)phthalate		3260	170	53	ug/kg wet	2480	76	61-133			
Butyl benzyl phthalate			170	44	ug/kg wet	ND		61-129			
Caprolactam			170	71	ug/kg wet	ND		54-133			
Carbazole			170	1.9	ug/kg wet	ND		59-129			
Chrysene			170	1.6	ug/kg wet	ND		64-131			
Dibenzo(a,h)anthracene			170	1.9	ug/kg wet	ND		54-148			
Dibenzofuran			170	1.7	ug/kg wet	ND		56-120			
Diethyl phthalate			170	5.0	ug/kg wet	ND		66-126			
Dimethyl phthalate			170	4.3	ug/kg wet	ND		65-124			
Di-n-butyl phthalate			170	57	ug/kg wet	ND		58-130			
Di-n-octyl phthalate			170	3.9	ug/kg wet	ND		62-133			
Fluoranthene			170	2.4	ug/kg wet	ND		62-131			
Fluorene		3260	170	3.8	ug/kg wet	2200	68	63-126			
Hexachlorobenzene			170	8.2	ug/kg wet	ND		60-132			
Hexachlorobutadiene			170	8.4	ug/kg wet	ND		45-120			
Hexachlorocyclopentadiene			170	50	ug/kg wet	ND		31-120			
Hexachloroethane		3260	170	13	ug/kg wet	1460	45	41-120			
Indeno(1,2,3-cd)pyrene			170	4.6	ug/kg wet	ND		56-149			
Isophorone			170	8.2	ug/kg wet	ND		56-120			
Naphthalene			170	2.7	ug/kg wet	ND		46-120			
Nitrobenzene			170	7.3	ug/kg wet	ND		49-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
LCS Analyzed: 11/16/10 (Lab Number:10K1500-BS1, Batch: 10K1500)											
N-Nitrosodi-n-propylamine		3260	170	13	ug/kg wet	1970	61	46-120			
N-Nitrosodiphenylamine			170	9.0	ug/kg wet	ND		20-119			
Pentachlorophenol		3260	320	57	ug/kg wet	2590	80	33-136			
Phenanthrene			170	3.5	ug/kg wet	ND		60-130			
Phenol		3260	170	17	ug/kg wet	1690	52	36-120			
Pyrene		3260	170	1.1	ug/kg wet	2500	77	51-133			
Tetraethyl-Lead		3260	980	160	ug/kg wet	932	29	10-120			J
<i>Surrogate:</i>					ug/kg wet		79	39-146			
<i>2,4,6-Tribromophenol</i>					ug/kg wet		59	37-120			
<i>Surrogate:</i>					ug/kg wet		51	18-120			
<i>2-Fluorobiphenyl</i>					ug/kg wet		57	34-132			
<i>Surrogate:</i>					ug/kg wet		58	11-120			
<i>2-Fluorophenol</i>					ug/kg wet		72	58-147			
<i>Surrogate:</i>					ug/kg wet						
<i>Nitrobenzene-d5</i>					ug/kg wet						
<i>Surrogate: Phenol-d5</i>					ug/kg wet						
<i>Surrogate:</i>					ug/kg wet						
<i>p-Terphenyl-d14</i>					ug/kg wet						

Semivolatile Organics by GC/MS

Blank Analyzed: 11/17/10 (Lab Number:10K1563-BLK1, Batch: 10K1563)

2,4,5-Trichlorophenol	5.0	0.48	ug/L	ND
2,4,6-Trichlorophenol	5.0	0.61	ug/L	ND
2,4-Dichlorophenol	5.0	0.51	ug/L	ND
2,4-Dimethylphenol	5.0	0.50	ug/L	ND
2,4-Dinitrophenol	10	2.2	ug/L	ND
2,4-Dinitrotoluene	5.0	0.45	ug/L	ND
2,6-Dinitrotoluene	5.0	0.40	ug/L	ND
2-Chloronaphthalene	5.0	0.46	ug/L	ND
2-Chlorophenol	5.0	0.53	ug/L	ND
2-Methylnaphthalene	5.0	0.60	ug/L	ND
2-Methylphenol	5.0	0.40	ug/L	ND
2-Nitroaniline	10	0.42	ug/L	ND
2-Nitrophenol	5.0	0.48	ug/L	ND
3,3'-Dichlorobenzidine	5.0	0.40	ug/L	ND
3-Nitroaniline	10	0.48	ug/L	ND
4,6-Dinitro-2-methylphenol	10	2.2	ug/L	ND
4-Bromophenyl phenyl ether	5.0	0.45	ug/L	ND

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Blank Analyzed: 11/17/10 (Lab Number:10K1563-BLK1, Batch: 10K1563)											
4-Chloro-3-methylphenol			5.0	0.45	ug/L	ND					
4-Chloroaniline			5.0	0.59	ug/L	ND					
4-Chlorophenyl phenyl ether			5.0	0.35	ug/L	ND					
4-Methylphenol			10	0.36	ug/L	ND					
4-Nitroaniline			10	0.25	ug/L	ND					
4-Nitrophenol			10	1.5	ug/L	ND					
Acenaphthene			5.0	0.41	ug/L	ND					
Acenaphthylene			5.0	0.38	ug/L	ND					
Acetophenone			5.0	0.54	ug/L	ND					
Anthracene			5.0	0.28	ug/L	ND					
Atrazine			5.0	0.46	ug/L	ND					
Benzaldehyde			5.0	0.27	ug/L	ND					
Benzo(a)anthracene			5.0	0.36	ug/L	ND					
Benzo(a)pyrene			5.0	0.47	ug/L	ND					
Benzo(b)fluoranthene			5.0	0.34	ug/L	ND					
Benzo(ghi)perylene			5.0	0.35	ug/L	ND					
Benzo(k)fluoranthene			5.0	0.73	ug/L	ND					
Biphenyl			5.0	0.65	ug/L	ND					
Bis(2-chloroethoxy)methane			5.0	0.35	ug/L	ND					
Bis(2-chloroethyl)ether			5.0	0.40	ug/L	ND					
2,2'-Oxybis(1-Chloropropane)			5.0	0.52	ug/L	ND					
Bis(2-ethylhexyl)phthalate			5.0	1.8	ug/L	ND					
Butyl benzyl phthalate			5.0	0.42	ug/L	0.62					J
Caprolactam			5.0	2.2	ug/L	ND					
Carbazole			5.0	0.30	ug/L	ND					
Chrysene			5.0	0.33	ug/L	ND					
Dibenzo(a,h)anthracene			5.0	0.42	ug/L	ND					
Dibenzofuran			10	0.51	ug/L	ND					
Diethyl phthalate			5.0	0.22	ug/L	ND					
Dimethyl phthalate			5.0	0.36	ug/L	ND					
Di-n-butyl phthalate			5.0	0.31	ug/L	ND					
Di-n-octyl phthalate			5.0	0.47	ug/L	2.2					J
Fluoranthene			5.0	0.40	ug/L	ND					
Fluorene			5.0	0.36	ug/L	ND					
Hexachlorobenzene			5.0	0.51	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Semivolatile Organics by GC/MS											
Blank Analyzed: 11/17/10 (Lab Number:10K1563-BLK1, Batch: 10K1563)											
Hexachlorobutadiene			5.0	0.68	ug/L	ND					
Hexachlorocyclopentadiene			5.0	0.59	ug/L	ND					
Hexachloroethane			5.0	0.59	ug/L	ND					
Indeno(1,2,3-cd)pyrene			5.0	0.47	ug/L	ND					
Isophorone			5.0	0.43	ug/L	ND					
Naphthalene			5.0	0.76	ug/L	ND					
Nitrobenzene			5.0	0.29	ug/L	ND					
N-Nitrosodi-n-propylamine			5.0	0.54	ug/L	ND					
N-Nitrosodiphenylamine			5.0	0.51	ug/L	ND					
Pentachlorophenol			10	2.2	ug/L	ND					
Phenanthrene			5.0	0.44	ug/L	ND					
Phenol			5.0	0.39	ug/L	ND					
Pyrene			5.0	0.34	ug/L	ND					
Surrogate:					ug/L		102	52-132			
2,4,6-Tribromophenol					ug/L		84	48-120			
Surrogate:					ug/L		48	20-120			
2-Fluorobiphenyl					ug/L		85	46-120			
Surrogate:					ug/L		35	16-120			
2-Fluorophenol					ug/L		92	24-136			
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L						
Surrogate: Phenol-d5					ug/L						
Surrogate:					ug/L						
p-Terphenyl-d14					ug/L						
LCS Analyzed: 11/17/10 (Lab Number:10K1563-BS1, Batch: 10K1563)											
1,2,4-Trichlorobenzene		100	10	0.44	ug/L	71.3	71	40-120			
1,2-Dichlorobenzene			10	0.40	ug/L	ND		33-120			
1,3-Dichlorobenzene			10	0.48	ug/L	ND		28-120			
2,4,5-Trichlorophenol			5.0	0.48	ug/L	ND		65-126			
2,4,6-Trichlorophenol			5.0	0.61	ug/L	ND		64-120			
2,4-Dichlorophenol			5.0	0.51	ug/L	ND		64-120			
2,4-Dimethylphenol			5.0	0.50	ug/L	ND		57-120			
2,4-Dinitrophenol			10	2.2	ug/L	ND		42-153			
2,4-Dinitrotoluene		100	5.0	0.45	ug/L	104	104	59-125			
2,6-Dinitrotoluene			5.0	0.40	ug/L	ND		74-134			
2-Chloronaphthalene			5.0	0.46	ug/L	ND		52-120			
2-Chlorophenol		100	5.0	0.53	ug/L	71.7	72	48-120			
2-Methylnaphthalene			5.0	0.60	ug/L	ND		48-120			
2-Methylphenol			5.0	0.40	ug/L	ND		39-120			

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Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1563-BS1, Batch: 10K1563)											
2-Nitroaniline			10	0.42	ug/L	ND		67-136			
2-Nitrophenol			5.0	0.48	ug/L	ND		59-120			
3,3'-Dichlorobenzidine			5.0	0.40	ug/L	ND		33-140			
3-Nitroaniline			10	0.48	ug/L	ND		69-129			
4,6-Dinitro-2-methylphenol			10	2.2	ug/L	ND		64-159			
4-Bromophenyl phenyl ether			5.0	0.45	ug/L	ND		71-126			
4-Chloro-3-methylphenol		100	5.0	0.45	ug/L	94.3	94	64-120			
4-Chloroaniline			5.0	0.59	ug/L	ND		60-124			
4-Chlorophenyl phenyl ether			5.0	0.35	ug/L	ND		71-122			
4-Methylphenol			10	0.36	ug/L	ND		36-120			
4-Nitroaniline			10	0.25	ug/L	ND		64-135			
4-Nitrophenol		100	10	1.5	ug/L	38.4	38	16-120			
Acenaphthene		100	5.0	0.41	ug/L	86.3	86	60-120			
Acenaphthylene			5.0	0.38	ug/L	ND		63-120			
Acetophenone			5.0	0.54	ug/L	ND		45-120			
Anthracene			5.0	0.28	ug/L	ND		69-131			
Atrazine			5.0	0.46	ug/L	ND		70-129			
Benzaldehyde			5.0	0.27	ug/L	ND		30-140			
Benzo(a)anthracene			5.0	0.36	ug/L	ND		73-138			
Benzo(a)pyrene			5.0	0.47	ug/L	ND		74-126			
Benzo(b)fluoranthene			5.0	0.34	ug/L	ND		75-133			
Benzo(ghi)perylene			5.0	0.35	ug/L	ND		66-152			
Benzo(k)fluoranthene			5.0	0.73	ug/L	ND		75-133			
Biphenyl			5.0	0.65	ug/L	ND		30-140			
Bis(2-chloroethoxy)methane			5.0	0.35	ug/L	ND		62-120			
Bis(2-chloroethyl)ether			5.0	0.40	ug/L	ND		51-120			
2,2'-Oxybis(1-Chloropropane)			5.0	0.52	ug/L	ND		47-120			
Bis(2-ethylhexyl)phthalate		100	5.0	1.8	ug/L	97.8	98	69-136			
Butyl benzyl phthalate			5.0	0.42	ug/L	ND		62-149			
Caprolactam			5.0	2.2	ug/L	ND		30-140			
Carbazole			5.0	0.30	ug/L	ND		68-133			
Chrysene			5.0	0.33	ug/L	ND		69-140			
Dibenzo(a,h)anthracene			5.0	0.42	ug/L	ND		67-144			
Dibenzofuran			10	0.51	ug/L	ND		66-120			

GaiaTech Inc.
135 S. LaSalle St.
Chicago, IL 60603

Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
LCS Analyzed: 11/17/10 (Lab Number:10K1563-BS1, Batch: 10K1563)											
Diethyl phthalate			5.0	0.22	ug/L	ND		78-128			
Dimethyl phthalate			5.0	0.36	ug/L	ND		73-127			
Di-n-butyl phthalate			5.0	0.31	ug/L	ND		67-132			
Di-n-octyl phthalate			5.0	0.47	ug/L	ND		72-145			
Fluoranthene			5.0	0.40	ug/L	1.27		67-133			J
Fluorene		100	5.0	0.36	ug/L	91.6	92	66-129			
Hexachlorobenzene			5.0	0.51	ug/L	ND		38-131			
Hexachlorobutadiene			5.0	0.68	ug/L	ND		30-120			
Hexachlorocyclopentadiene			5.0	0.59	ug/L	ND		23-120			
Hexachloroethane		100	5.0	0.59	ug/L	64.0	64	25-120			
Indeno(1,2,3-cd)pyrene			5.0	0.47	ug/L	ND		69-146			
Isophorone			5.0	0.43	ug/L	ND		64-120			
Naphthalene			5.0	0.76	ug/L	ND		48-120			
Nitrobenzene			5.0	0.29	ug/L	ND		52-120			
N-Nitrosodi-n-propylamine		100	5.0	0.54	ug/L	80.7	81	56-120			
N-Nitrosodiphenylamine			5.0	0.51	ug/L	ND		25-125			
Pentachlorophenol		100	10	2.2	ug/L	106	106	39-136			
Phenanthrene			5.0	0.44	ug/L	ND		67-130			
Phenol		100	5.0	0.39	ug/L	33.8	34	17-120			
Pyrene		100	5.0	0.34	ug/L	99.9	100	58-136			
<i>Surrogate:</i>					ug/L		98	52-132			
<i>2,4,6-Tribromophenol</i>					ug/L		78	48-120			
<i>Surrogate:</i>					ug/L		43	20-120			
<i>2-Fluorobiphenyl</i>					ug/L		77	46-120			
<i>Surrogate:</i>					ug/L		32	16-120			
<i>2-Fluorophenol</i>					ug/L		89	24-136			
<i>Surrogate:</i>					ug/L						
<i>Nitrobenzene-d5</i>					ug/L						
<i>Surrogate: Phenol-d5</i>					ug/L						
<i>Surrogate:</i>					ug/L						
<i>p-Terphenyl-d14</i>					ug/L						
Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1563-MS1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
1,2,4-Trichlorobenzene	ND	192	19	0.85	ug/L	154	80	40-120			
1,2-Dichlorobenzene	ND		19	0.77	ug/L	ND		33-120			
1,3-Dichlorobenzene	ND		19	0.92	ug/L	ND		28-120			
2,4,5-Trichlorophenol	ND		9.6	0.92	ug/L	ND		65-126			
2,4,6-Trichlorophenol	ND		9.6	1.2	ug/L	ND		64-120			
2,4-Dichlorophenol	ND		9.6	0.98	ug/L	ND		64-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1563-MS1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
2,4-Dimethylphenol	ND		9.6	0.96	ug/L	ND		57-120			
2,4-Dinitrophenol	ND		19	4.3	ug/L	ND		42-153			
2,4-Dinitrotoluene	ND	192	9.6	0.86	ug/L	204	106	59-125			
2,6-Dinitrotoluene	ND		9.6	0.77	ug/L	ND		74-134			
2-Chloronaphthalene	ND		9.6	0.88	ug/L	ND		52-120			
2-Chlorophenol	ND	192	9.6	1.0	ug/L	152	79	48-120			
2-Methylnaphthalene	ND		9.6	1.2	ug/L	ND		48-120			
2-Methylphenol	ND		9.6	0.77	ug/L	ND		39-120			
2-Nitroaniline	ND		19	0.81	ug/L	ND		67-136			
2-Nitrophenol	ND		9.6	0.92	ug/L	ND		59-120			
3,3'-Dichlorobenzidine	ND		9.6	0.77	ug/L	ND		33-140			
3-Nitroaniline	ND		19	0.92	ug/L	ND		69-129			
4,6-Dinitro-2-methylphenol	ND		19	4.2	ug/L	ND		64-159			
4-Bromophenyl phenyl ether	ND		9.6	0.87	ug/L	ND		71-126			
4-Chloro-3-methylphenol	ND	192	9.6	0.87	ug/L	170	88	64-120			
4-Chloroaniline	ND		9.6	1.1	ug/L	1.83		60-124			J
4-Chlorophenyl phenyl ether	ND		9.6	0.67	ug/L	ND		71-122			
4-Methylphenol	0.525		19	0.69	ug/L	ND		36-120			
4-Nitroaniline	1.53		19	0.48	ug/L	3.19		64-135			J
4-Nitrophenol	ND	192	19	2.9	ug/L	138	72	16-120			
Acenaphthene	ND	192	9.6	0.79	ug/L	173	90	60-120			
Acenaphthylene	ND		9.6	0.73	ug/L	ND		63-120			
Acetophenone	ND		9.6	1.0	ug/L	ND		45-120			
Anthracene	ND		9.6	0.54	ug/L	ND		69-131			
Atrazine	ND		9.6	0.88	ug/L	ND		70-129			
Benzaldehyde	ND		9.6	0.51	ug/L	ND		30-140			
Benzo(a)anthracene	ND		9.6	0.69	ug/L	ND		73-138			
Benzo(a)pyrene	ND		9.6	0.90	ug/L	ND		74-126			
Benzo(b)fluoranthene	ND		9.6	0.65	ug/L	ND		75-133			
Benzo(ghi)perylene	ND		9.6	0.67	ug/L	ND		66-152			
Benzo(k)fluoranthene	ND		9.6	1.4	ug/L	ND		75-133			
Biphenyl	ND		9.6	1.3	ug/L	ND		30-140			
Bis(2-chloroethoxy)methane	ND		9.6	0.67	ug/L	ND		62-120			
Bis(2-chloroethyl)ether	ND		9.6	0.77	ug/L	ND		51-120			

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Work Order: RTK1150
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Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1563-MS1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
2,2'-Oxybis(1-Chloroprop ane)	ND		9.6	1.0	ug/L	ND		47-120			
Bis(2-ethylhexyl) phthalate	ND	192	9.6	3.5	ug/L	124	64	69-136			M8
Butyl benzyl phthalate	0.475		9.6	0.81	ug/L	ND		62-149			
Caprolactam	ND		9.6	4.2	ug/L	ND		30-140			
Carbazole	ND		9.6	0.58	ug/L	ND		68-133			
Chrysene	ND		9.6	0.63	ug/L	ND		69-140			
Dibenzo(a,h)anthracene	ND		9.6	0.81	ug/L	ND		67-144			
Dibenzofuran	ND		19	0.98	ug/L	ND		66-120			
Diethyl phthalate	0.703		9.6	0.42	ug/L	ND		78-128			
Dimethyl phthalate	ND		9.6	0.69	ug/L	ND		73-127			
Di-n-butyl phthalate	0.911		9.6	0.60	ug/L	0.788		67-132			J
Di-n-octyl phthalate	ND		9.6	0.90	ug/L	ND		72-145			
Fluoranthene	ND		9.6	0.77	ug/L	2.25		67-133			J
Fluorene	ND	192	9.6	0.69	ug/L	185	96	66-129			
Hexachlorobenzene	ND		9.6	0.98	ug/L	ND		38-131			
Hexachlorobutadiene	ND		9.6	1.3	ug/L	ND		30-120			
Hexachlorocyclopentadie ne	ND		9.6	1.1	ug/L	ND		23-120			
Hexachloroethane	ND	192	9.6	1.1	ug/L	145	75	25-120			
Indeno(1,2,3-cd)pyrene	ND		9.6	0.90	ug/L	ND		69-146			
Isophorone	ND		9.6	0.83	ug/L	ND		64-120			
Naphthalene	ND		9.6	1.5	ug/L	ND		48-120			
Nitrobenzene	ND		9.6	0.56	ug/L	ND		52-120			
N-Nitrosodi-n-propylamin e	ND	192	9.6	1.0	ug/L	175	91	56-120			
N-Nitrosodiphenylamine	ND		9.6	0.98	ug/L	ND		25-125			
Pentachlorophenol	14.2	192	19	4.2	ug/L	211	102	39-136			
Phenanthrene	ND		9.6	0.85	ug/L	ND		67-130			
Phenol	ND	192	9.6	0.75	ug/L	109	56	17-120			
Pyrene	ND	192	9.6	0.65	ug/L	166	86	58-136			
Surrogate:					ug/L		88	52-132			
2,4,6-Tribromophenol					ug/L		86	48-120			
Surrogate:					ug/L		62	20-120			
2-Fluorobiphenyl					ug/L		87	46-120			
Surrogate:					ug/L		56	16-120			
2-Fluorophenol					ug/L						
Surrogate:					ug/L						
Nitrobenzene-d5					ug/L						
Surrogate: Phenol-d5					ug/L						

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Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Matrix Spike Analyzed: 11/17/10 (Lab Number:10K1563-MS1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
Surrogate:					ug/L		60	24-136			
p-Terphenyl-d14											
Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1563-MSD1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
1,2,4-Trichlorobenzene	ND	192	19	0.85	ug/L	155	80	40-120	0.6	30	
1,2-Dichlorobenzene	ND		19	0.77	ug/L	ND		33-120		29	
1,3-Dichlorobenzene	ND		19	0.92	ug/L	ND		28-120		37	
2,4,5-Trichlorophenol	ND		9.6	0.92	ug/L	ND		65-126		18	
2,4,6-Trichlorophenol	ND		9.6	1.2	ug/L	ND		64-120		19	
2,4-Dichlorophenol	ND		9.6	0.98	ug/L	ND		64-120		19	
2,4-Dimethylphenol	ND		9.6	0.96	ug/L	ND		57-120		42	
2,4-Dinitrophenol	ND		19	4.3	ug/L	ND		42-153		22	
2,4-Dinitrotoluene	ND	192	9.6	0.86	ug/L	212	110	59-125	4	20	
2,6-Dinitrotoluene	ND		9.6	0.77	ug/L	ND		74-134		15	
2-Chloronaphthalene	ND		9.6	0.88	ug/L	ND		52-120		21	
2-Chlorophenol	ND	192	9.6	1.0	ug/L	160	83	48-120	5	25	
2-Methylnaphthalene	ND		9.6	1.2	ug/L	ND		48-120		21	
2-Methylphenol	ND		9.6	0.77	ug/L	ND		39-120		27	
2-Nitroaniline	ND		19	0.81	ug/L	ND		67-136		15	
2-Nitrophenol	ND		9.6	0.92	ug/L	ND		59-120		18	
3,3'-Dichlorobenzidine	ND		9.6	0.77	ug/L	ND		33-140		25	
3-Nitroaniline	ND		19	0.92	ug/L	ND		69-129		19	
4,6-Dinitro-2-methylphenol	ND		19	4.2	ug/L	ND		64-159		15	
4-Bromophenyl phenyl ether	ND		9.6	0.87	ug/L	ND		71-126		15	
4-Chloro-3-methylphenol	ND	192	9.6	0.87	ug/L	196	102	64-120	14	27	
4-Chloroaniline	ND		9.6	1.1	ug/L	ND		60-124		22	
4-Chlorophenyl phenyl ether	ND		9.6	0.67	ug/L	ND		71-122		16	
4-Methylphenol	0.525		19	0.69	ug/L	0.712		36-120		24	J
4-Nitroaniline	1.53		19	0.48	ug/L	ND		64-135		24	
4-Nitrophenol	ND	192	19	2.9	ug/L	129	67	16-120	7	48	
Acenaphthene	ND	192	9.6	0.79	ug/L	181	94	60-120	5	24	
Acenaphthylene	ND		9.6	0.73	ug/L	ND		63-120		18	
Acetophenone	ND		9.6	1.0	ug/L	ND		45-120		20	
Anthracene	ND		9.6	0.54	ug/L	ND		69-131		15	
Atrazine	ND		9.6	0.88	ug/L	ND		70-129		20	

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Work Order: RTK1150
Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1563-MSD1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
Benzaldehyde	ND		9.6	0.51	ug/L	ND		30-140		20	
Benzo(a)anthracene	ND		9.6	0.69	ug/L	ND		73-138		15	
Benzo(a)pyrene	ND		9.6	0.90	ug/L	ND		74-126		15	
Benzo(b)fluoranthene	ND		9.6	0.65	ug/L	ND		75-133		15	
Benzo(ghi)perylene	ND		9.6	0.67	ug/L	ND		66-152		15	
Benzo(k)fluoranthene	ND		9.6	1.4	ug/L	ND		75-133		22	
Biphenyl	ND		9.6	1.3	ug/L	ND		30-140		20	
Bis(2-chloroethoxy)methane	ND		9.6	0.67	ug/L	ND		62-120		17	
Bis(2-chloroethyl)ether	ND		9.6	0.77	ug/L	ND		51-120		21	
2,2'-Oxybis(1-Chloropropane)	ND		9.6	1.0	ug/L	ND		47-120		24	
Bis(2-ethylhexyl)phthalate	ND	192	9.6	3.5	ug/L	184	95	69-136	39	15	R2
Butyl benzyl phthalate	0.475		9.6	0.81	ug/L	ND		62-149		16	
Caprolactam	ND		9.6	4.2	ug/L	ND		30-140		20	
Carbazole	ND		9.6	0.58	ug/L	ND		68-133		20	
Chrysene	ND		9.6	0.63	ug/L	ND		69-140		15	
Dibenzo(a,h)anthracene	ND		9.6	0.81	ug/L	ND		67-144		15	
Dibenzofuran	ND		19	0.98	ug/L	ND		66-120		15	
Diethyl phthalate	0.703		9.6	0.42	ug/L	0.788		78-128		15	J
Dimethyl phthalate	ND		9.6	0.69	ug/L	ND		73-127		15	
Di-n-butyl phthalate	0.911		9.6	0.60	ug/L	1.17		67-132	39	15	J
Di-n-octyl phthalate	ND		9.6	0.90	ug/L	ND		72-145		16	
Fluoranthene	ND		9.6	0.77	ug/L	2.63		67-133	16	15	J
Fluorene	ND	192	9.6	0.69	ug/L	190	99	66-129	3	15	
Hexachlorobenzene	ND		9.6	0.98	ug/L	ND		38-131		15	
Hexachlorobutadiene	ND		9.6	1.3	ug/L	ND		30-120		44	
Hexachlorocyclopentadiene	ND		9.6	1.1	ug/L	ND		23-120		49	
Hexachloroethane	ND	192	9.6	1.1	ug/L	142	74	25-120	2	46	
Indeno(1,2,3-cd)pyrene	ND		9.6	0.90	ug/L	ND		69-146		15	
Isophorone	ND		9.6	0.83	ug/L	ND		64-120		17	
Naphthalene	ND		9.6	1.5	ug/L	ND		48-120		29	
Nitrobenzene	ND		9.6	0.56	ug/L	ND		52-120		24	
N-Nitrosodi-n-propylamine	ND	192	9.6	1.0	ug/L	175	91	56-120	0.2	31	
N-Nitrosodiphenylamine	ND		9.6	0.98	ug/L	ND		25-125		15	
Pentachlorophenol	14.2	192	19	4.2	ug/L	227	111	39-136	7	37	

GaiaTech Inc.
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Work Order: RTK1150

Project: Poestenkill, NY Project
Project Number: [none]

Received: 11/16/10
Reported: 11/19/10 11:56

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
<u>Semivolatile Organics by GC/MS</u>											
Matrix Spike Dup Analyzed: 11/17/10 (Lab Number:10K1563-MSD1, Batch: 10K1563)											
QC Source Sample: RTK1150-03											
Phenanthrene	ND		9.6	0.85	ug/L	ND		67-130		15	
Phenol	ND	192	9.6	0.75	ug/L	106	55	17-120	3	34	
Pyrene	ND	192	9.6	0.65	ug/L	197	103	58-136	17	19	
Surrogate:					ug/L		104	52-132			
2,4,6-Tribromophenol											
Surrogate:					ug/L		88	48-120			
2-Fluorobiphenyl											
Surrogate:					ug/L		63	20-120			
2-Fluorophenol											
Surrogate:					ug/L		87	46-120			
Nitrobenzene-d5											
Surrogate: Phenol-d5					ug/L		53	16-120			
Surrogate:					ug/L		88	24-136			
p-Terphenyl-d14											

Appendix C

Supplemental Phase II Laboratory Analytical Report

ANALYTICAL REPORT

Job Number: 460-20639-1
Job Description: DSI, Poestenkill NY

For:
GaiaTech Inc.
135 South LaSalle Street
Suite 3500
Chicago, IL 60603
Attention: Mike Duet



Approved for release.
Omayra Penas
Project Manager II
12/14/2010 4:01 PM

Designee for
Sherree Baker
Project Manager II
sherree.baker@testamericainc.com
12/14/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

CASE NARRATIVE

Client: GaiaTech Inc.

Project: DSI, Poestenkill NY

Report Number: 460-20639-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/03/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.6 C.

The following sample(s) was received outside of holding time: Trip Blank sample date on container 11/16/10

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-20639-1 through 460-20639-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 12/03/2010 and analyzed on 12/06/2010.

The matrix spike (MS) recovery for m & p xylene in batch 57626 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Acetone and Methylene Chloride were detected in method blank LB3 460-57540/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-20639-8 through 460-20639-11 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 12/06/2010.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-20639-1 through 460-20639-7 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 12/03/2010.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-20639-1	GMW-1 (8-10)					
Methylene Chloride		0.61	J B	0.94	ug/Kg	8260B
Acetone		4.0	J B	9.4	ug/Kg	8260B
Trichloroethene		1.8		0.94	ug/Kg	8260B
Percent Moisture		7.6		1.0	%	Moisture
Percent Solids		92.4		1.0	%	Moisture
460-20639-2	TMW-3 (6-7)					
Methylene Chloride		0.64	J B	0.95	ug/Kg	8260B
Acetone		9.2	J B	9.5	ug/Kg	8260B
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture
460-20639-3	TMW-2 (7-8)					
Methylene Chloride		0.74	J B	1.1	ug/Kg	8260B
Acetone		4.1	J B	11	ug/Kg	8260B
Percent Moisture		10.4		1.0	%	Moisture
Percent Solids		89.6		1.0	%	Moisture
460-20639-4	GMW-3 (15-16)					
Methylene Chloride		0.77	J B	1.1	ug/Kg	8260B
Acetone		4.6	J B	11	ug/Kg	8260B
cis-1,2-Dichloroethene		0.65	J	1.1	ug/Kg	8260B
Trichloroethene		150		1.1	ug/Kg	8260B
Percent Moisture		9.6		1.0	%	Moisture
Percent Solids		90.4		1.0	%	Moisture
460-20639-5	TMW-1 (13-14)					
Methylene Chloride		0.83	J B	1.2	ug/Kg	8260B
Acetone		5.4	J B	12	ug/Kg	8260B
Trichloroethene		1.6		1.2	ug/Kg	8260B
Percent Moisture		18.6		1.0	%	Moisture
Percent Solids		81.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-20639-6	GMW-4 (10-11)					
Methylene Chloride		0.62	J B	1.1	ug/Kg	8260B
Acetone		5.7	J B	11	ug/Kg	8260B
Carbon disulfide		0.55	J	1.1	ug/Kg	8260B
Percent Moisture		18.2		1.0	%	Moisture
Percent Solids		81.8		1.0	%	Moisture
460-20639-7	GMW-5 (10-11)					
Methylene Chloride		0.80	J B	0.91	ug/Kg	8260B
Acetone		4.2	J B	9.1	ug/Kg	8260B
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-20639-8	TMW-1					
Vinyl chloride		1.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
Trichloroethene		29		1.0	ug/L	8260B
Benzene		0.31	J	1.0	ug/L	8260B
Toluene		1.7		1.0	ug/L	8260B
Ethylbenzene		0.43	J	1.0	ug/L	8260B
Xylenes, Total		1.5	J	3.0	ug/L	8260B
460-20639-9	TMW-2					
Trichloroethene		2.3		1.0	ug/L	8260B
Benzene		0.27	J	1.0	ug/L	8260B
Toluene		1.9		1.0	ug/L	8260B
Ethylbenzene		0.51	J	1.0	ug/L	8260B
Xylenes, Total		1.7	J	3.0	ug/L	8260B
460-20639-10	TMW-3					
Trichloroethene		1.9		1.0	ug/L	8260B
Toluene		2.0		1.0	ug/L	8260B
Ethylbenzene		0.47	J	1.0	ug/L	8260B
Xylenes, Total		1.5	J	3.0	ug/L	8260B

METHOD SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20639-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20639-1

Method	Analyst	Analyst ID
SW846 8260B	Moroney, Christopher J	CJM
SW846 8260B	Tupayachi, Audberto	AT
EPA Moisture	Dave, Virendra	VD

SAMPLE SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-20639-1	GMW-1 (8-10)	Solid	12/02/2010 0830	12/03/2010 1000
460-20639-2	TMW-3 (6-7)	Solid	12/02/2010 0915	12/03/2010 1000
460-20639-3	TMW-2 (7-8)	Solid	12/02/2010 0945	12/03/2010 1000
460-20639-4	GMW-3 (15-16)	Solid	12/02/2010 1120	12/03/2010 1000
460-20639-5	TMW-1 (13-14)	Solid	12/02/2010 1020	12/03/2010 1000
460-20639-6	GMW-4 (10-11)	Solid	12/02/2010 1235	12/03/2010 1000
460-20639-7	GMW-5 (10-11)	Solid	12/02/2010 1345	12/03/2010 1000
460-20639-8	TMW-1	Water	12/02/2010 1435	12/03/2010 1000
460-20639-9	TMW-2	Water	12/02/2010 1430	12/03/2010 1000
460-20639-10	TMW-3	Water	12/02/2010 1425	12/03/2010 1000
460-20639-11TB	TB	Water	11/16/2010 0000	12/03/2010 1000

SAMPLE RESULTS

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: **GMW-1 (8-10)**

Lab Sample ID: 460-20639-1

Date Sampled: 12/02/2010 0830

Client Matrix: Solid

% Moisture: 7.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch:	460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch:	460-57540	Lab File ID:	b31226.d
Dilution:	1.0			Initial Weight/Volume:	5.73 g
Date Analyzed:	12/06/2010 0725			Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2209				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		0.94	U	0.38	0.94
Chloromethane		0.94	U	0.60	0.94
Bromomethane		0.94	U	0.39	0.94
Vinyl chloride		0.94	U	0.22	0.94
Chloroethane		0.94	U	0.38	0.94
Trichlorofluoromethane		0.94	U	0.25	0.94
Freon TF		0.94	U	0.45	0.94
Methylene Chloride		0.61	J B	0.44	0.94
Acetone		4.0	J B	3.5	9.4
Carbon disulfide		0.94	U	0.44	0.94
Methyl acetate		0.94	U	0.84	0.94
1,1-Dichloroethene		0.94	U	0.35	0.94
1,1-Dichloroethane		0.94	U	0.24	0.94
cis-1,2-Dichloroethene		0.94	U	0.22	0.94
trans-1,2-Dichloroethene		0.94	U	0.27	0.94
MTBE		0.94	U	0.32	0.94
Chloroform		0.94	U	0.22	0.94
1,2-Dichloroethane		0.94	U	0.37	0.94
2-Butanone		9.4	U	0.54	9.4
1,1,1-Trichloroethane		0.94	U	0.18	0.94
Cyclohexane		0.94	U	0.21	0.94
Carbon tetrachloride		0.94	U	0.095	0.94
Bromodichloromethane		0.94	U	0.29	0.94
1,2-Dichloropropane		0.94	U	0.30	0.94
cis-1,3-Dichloropropene		0.94	U	0.19	0.94
Trichloroethene		1.8		0.34	0.94
Methylcyclohexane		0.94	U	0.26	0.94
Dibromochloromethane		0.94	U	0.53	0.94
1,1,2-Trichloroethane		0.94	U	0.56	0.94
Benzene		0.94	U	0.70	0.94
trans-1,3-Dichloropropene		0.94	U	0.21	0.94
Bromoform		0.94	U	0.66	0.94
Isopropylbenzene		0.94	U	0.24	0.94
4-Methyl-2-pentanone		9.4	U	0.68	9.4
2-Hexanone		9.4	U	1.6	9.4
Tetrachloroethene		0.94	U	0.31	0.94
Toluene		0.94	U	0.28	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.72	0.94
Chlorobenzene		0.94	U	0.46	0.94
Ethylbenzene		0.94	U	0.18	0.94
Xylenes, Total		2.8	U	0.74	2.8
Styrene		0.94	U	0.33	0.94
1,2-Dibromo-3-Chloropropane		0.94	U	0.58	0.94
1,3-Dichlorobenzene		0.94	U	0.46	0.94
1,4-Dichlorobenzene		0.94	U	0.67	0.94
1,2-Dichlorobenzene		0.94	U	0.60	0.94

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-1 (8-10)

Lab Sample ID: 460-20639-1

Date Sampled: 12/02/2010 0830

Client Matrix: Solid

% Moisture: 7.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31226.d
Dilution:	1.0		Initial Weight/Volume:	5.73 g
Date Analyzed:	12/06/2010 0725		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2209			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		0.94	U	0.51	0.94
1,2-Dibromoethane		0.94	U	0.49	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 138
Toluene-d8 (Surr)	92		66 - 126
Bromofluorobenzene	88		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-3 (6-7)

Lab Sample ID: 460-20639-2

Date Sampled: 12/02/2010 0915

Client Matrix: Solid

% Moisture: 10.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31227.d
Dilution:	1.0		Initial Weight/Volume:	5.86 g
Date Analyzed:	12/06/2010 0748		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2212			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		0.95	U	0.39	0.95
Chloromethane		0.95	U	0.61	0.95
Bromomethane		0.95	U	0.39	0.95
Vinyl chloride		0.95	U	0.22	0.95
Chloroethane		0.95	U	0.38	0.95
Trichlorofluoromethane		0.95	U	0.25	0.95
Freon TF		0.95	U	0.45	0.95
Methylene Chloride		0.64	J B	0.45	0.95
Acetone		9.2	J B	3.5	9.5
Carbon disulfide		0.95	U	0.44	0.95
Methyl acetate		0.95	U	0.85	0.95
1,1-Dichloroethene		0.95	U	0.35	0.95
1,1-Dichloroethane		0.95	U	0.24	0.95
cis-1,2-Dichloroethene		0.95	U	0.23	0.95
trans-1,2-Dichloroethene		0.95	U	0.27	0.95
MTBE		0.95	U	0.33	0.95
Chloroform		0.95	U	0.23	0.95
1,2-Dichloroethane		0.95	U	0.37	0.95
2-Butanone		9.5	U	0.54	9.5
1,1,1-Trichloroethane		0.95	U	0.18	0.95
Cyclohexane		0.95	U	0.21	0.95
Carbon tetrachloride		0.95	U	0.096	0.95
Bromodichloromethane		0.95	U	0.29	0.95
1,2-Dichloropropane		0.95	U	0.30	0.95
cis-1,3-Dichloropropene		0.95	U	0.19	0.95
Trichloroethene		0.95	U	0.35	0.95
Methylcyclohexane		0.95	U	0.26	0.95
Dibromochloromethane		0.95	U	0.53	0.95
1,1,2-Trichloroethane		0.95	U	0.57	0.95
Benzene		0.95	U	0.71	0.95
trans-1,3-Dichloropropene		0.95	U	0.21	0.95
Bromoform		0.95	U	0.67	0.95
Isopropylbenzene		0.95	U	0.25	0.95
4-Methyl-2-pentanone		9.5	U	0.68	9.5
2-Hexanone		9.5	U	1.6	9.5
Tetrachloroethene		0.95	U	0.31	0.95
Toluene		0.95	U	0.29	0.95
1,1,2,2-Tetrachloroethane		0.95	U	0.73	0.95
Chlorobenzene		0.95	U	0.46	0.95
Ethylbenzene		0.95	U	0.18	0.95
Xylenes, Total		2.9	U	0.75	2.9
Styrene		0.95	U	0.33	0.95
1,2-Dibromo-3-Chloropropane		0.95	U	0.58	0.95
1,3-Dichlorobenzene		0.95	U	0.46	0.95
1,4-Dichlorobenzene		0.95	U	0.68	0.95
1,2-Dichlorobenzene		0.95	U	0.61	0.95

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-3 (6-7)

Lab Sample ID: 460-20639-2

Date Sampled: 12/02/2010 0915

Client Matrix: Solid

% Moisture: 10.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31227.d
Dilution:	1.0		Initial Weight/Volume:	5.86 g
Date Analyzed:	12/06/2010 0748		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2212			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		0.95	U	0.51	0.95
1,2-Dibromoethane		0.95	U	0.49	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	90		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-2 (7-8)

Lab Sample ID: 460-20639-3

Date Sampled: 12/02/2010 0945

Client Matrix: Solid

% Moisture: 10.4

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31228.d
Dilution:	1.0		Initial Weight/Volume:	5.18 g
Date Analyzed:	12/06/2010 0811		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2215			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.1	U	0.44	1.1
Chloromethane		1.1	U	0.68	1.1
Bromomethane		1.1	U	0.44	1.1
Vinyl chloride		1.1	U	0.25	1.1
Chloroethane		1.1	U	0.43	1.1
Trichlorofluoromethane		1.1	U	0.28	1.1
Freon TF		1.1	U	0.51	1.1
Methylene Chloride		0.74	J B	0.51	1.1
Acetone		4.1	J B	4.0	11
Carbon disulfide		1.1	U	0.50	1.1
Methyl acetate		1.1	U	0.96	1.1
1,1-Dichloroethene		1.1	U	0.40	1.1
1,1-Dichloroethane		1.1	U	0.27	1.1
cis-1,2-Dichloroethene		1.1	U	0.25	1.1
trans-1,2-Dichloroethene		1.1	U	0.30	1.1
MTBE		1.1	U	0.37	1.1
Chloroform		1.1	U	0.26	1.1
1,2-Dichloroethane		1.1	U	0.42	1.1
2-Butanone		11	U	0.61	11
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Cyclohexane		1.1	U	0.24	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Bromodichloromethane		1.1	U	0.33	1.1
1,2-Dichloropropane		1.1	U	0.34	1.1
cis-1,3-Dichloropropene		1.1	U	0.22	1.1
Trichloroethene		1.1	U	0.39	1.1
Methylcyclohexane		1.1	U	0.29	1.1
Dibromochloromethane		1.1	U	0.60	1.1
1,1,2-Trichloroethane		1.1	U	0.64	1.1
Benzene		1.1	U	0.80	1.1
trans-1,3-Dichloropropene		1.1	U	0.24	1.1
Bromoform		1.1	U	0.76	1.1
Isopropylbenzene		1.1	U	0.28	1.1
4-Methyl-2-pentanone		11	U	0.77	11
2-Hexanone		11	U	1.8	11
Tetrachloroethene		1.1	U	0.36	1.1
Toluene		1.1	U	0.32	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.82	1.1
Chlorobenzene		1.1	U	0.52	1.1
Ethylbenzene		1.1	U	0.21	1.1
Xylenes, Total		3.2	U	0.85	3.2
Styrene		1.1	U	0.37	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.66	1.1
1,3-Dichlorobenzene		1.1	U	0.52	1.1
1,4-Dichlorobenzene		1.1	U	0.77	1.1
1,2-Dichlorobenzene		1.1	U	0.69	1.1

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-2 (7-8)

Lab Sample ID: 460-20639-3

Date Sampled: 12/02/2010 0945

Client Matrix: Solid

% Moisture: 10.4

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31228.d
Dilution:	1.0		Initial Weight/Volume:	5.18 g
Date Analyzed:	12/06/2010 0811		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2215			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.1	U	0.58	1.1
1,2-Dibromoethane		1.1	U	0.56	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 138
Toluene-d8 (Surr)	92		66 - 126
Bromofluorobenzene	89		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-3 (15-16)

Lab Sample ID: 460-20639-4

Date Sampled: 12/02/2010 1120

Client Matrix: Solid

% Moisture: 9.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31229.d
Dilution:	1.0		Initial Weight/Volume:	5.26 g
Date Analyzed:	12/06/2010 0835		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2218			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.1	U	0.43	1.1
Chloromethane		1.1	U	0.67	1.1
Bromomethane		1.1	U	0.43	1.1
Vinyl chloride		1.1	U	0.25	1.1
Chloroethane		1.1	U	0.42	1.1
Trichlorofluoromethane		1.1	U	0.27	1.1
Freon TF		1.1	U	0.50	1.1
Methylene Chloride		0.77	J B	0.50	1.1
Acetone		4.6	J B	3.9	11
Carbon disulfide		1.1	U	0.49	1.1
Methyl acetate		1.1	U	0.94	1.1
1,1-Dichloroethene		1.1	U	0.39	1.1
1,1-Dichloroethane		1.1	U	0.26	1.1
cis-1,2-Dichloroethene		0.65	J	0.25	1.1
trans-1,2-Dichloroethene		1.1	U	0.30	1.1
MTBE		1.1	U	0.36	1.1
Chloroform		1.1	U	0.25	1.1
1,2-Dichloroethane		1.1	U	0.41	1.1
2-Butanone		11	U	0.60	11
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Cyclohexane		1.1	U	0.23	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Bromodichloromethane		1.1	U	0.32	1.1
1,2-Dichloropropane		1.1	U	0.33	1.1
cis-1,3-Dichloropropene		1.1	U	0.21	1.1
Trichloroethene		150		0.38	1.1
Methylcyclohexane		1.1	U	0.29	1.1
Dibromochloromethane		1.1	U	0.59	1.1
1,1,2-Trichloroethane		1.1	U	0.62	1.1
Benzene		1.1	U	0.78	1.1
trans-1,3-Dichloropropene		1.1	U	0.23	1.1
Bromoform		1.1	U	0.74	1.1
Isopropylbenzene		1.1	U	0.27	1.1
4-Methyl-2-pentanone		11	U	0.75	11
2-Hexanone		11	U	1.8	11
Tetrachloroethene		1.1	U	0.35	1.1
Toluene		1.1	U	0.31	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.80	1.1
Chlorobenzene		1.1	U	0.51	1.1
Ethylbenzene		1.1	U	0.20	1.1
Xylenes, Total		3.2	U	0.83	3.2
Styrene		1.1	U	0.36	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.64	1.1
1,3-Dichlorobenzene		1.1	U	0.51	1.1
1,4-Dichlorobenzene		1.1	U	0.75	1.1
1,2-Dichlorobenzene		1.1	U	0.67	1.1

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-3 (15-16)

Lab Sample ID: 460-20639-4

Date Sampled: 12/02/2010 1120

Client Matrix: Solid

% Moisture: 9.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 460-57634

Instrument ID: VOAMS2

Preparation: 5035

Prep Batch: 460-57540

Lab File ID: b31229.d

Dilution: 1.0

Initial Weight/Volume: 5.26 g

Date Analyzed: 12/06/2010 0835

Final Weight/Volume: 5 mL

Date Prepared: 12/03/2010 2218

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.1	U	0.56	1.1
1,2-Dibromoethane		1.1	U	0.54	1.1
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		99		70 - 138	
Toluene-d8 (Surr)		92		66 - 126	
Bromofluorobenzene		89		72 - 132	

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-1 (13-14)

Lab Sample ID: 460-20639-5

Date Sampled: 12/02/2010 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31230.d
Dilution:	1.0		Initial Weight/Volume:	5.30 g
Date Analyzed:	12/06/2010 0858		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2221			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.2	U	0.47	1.2
Chloromethane		1.2	U	0.73	1.2
Bromomethane		1.2	U	0.47	1.2
Vinyl chloride		1.2	U	0.27	1.2
Chloroethane		1.2	U	0.46	1.2
Trichlorofluoromethane		1.2	U	0.30	1.2
Freon TF		1.2	U	0.55	1.2
Methylene Chloride		0.83	J B	0.55	1.2
Acetone		5.4	J B	4.3	12
Carbon disulfide		1.2	U	0.54	1.2
Methyl acetate		1.2	U	1.0	1.2
1,1-Dichloroethene		1.2	U	0.43	1.2
1,1-Dichloroethane		1.2	U	0.29	1.2
cis-1,2-Dichloroethene		1.2	U	0.27	1.2
trans-1,2-Dichloroethene		1.2	U	0.33	1.2
MTBE		1.2	U	0.40	1.2
Chloroform		1.2	U	0.27	1.2
1,2-Dichloroethane		1.2	U	0.45	1.2
2-Butanone		12	U	0.66	12
1,1,1-Trichloroethane		1.2	U	0.22	1.2
Cyclohexane		1.2	U	0.26	1.2
Carbon tetrachloride		1.2	U	0.12	1.2
Bromodichloromethane		1.2	U	0.35	1.2
1,2-Dichloropropane		1.2	U	0.37	1.2
cis-1,3-Dichloropropene		1.2	U	0.23	1.2
Trichloroethene		1.6		0.42	1.2
Methylcyclohexane		1.2	U	0.32	1.2
Dibromochloromethane		1.2	U	0.65	1.2
1,1,2-Trichloroethane		1.2	U	0.69	1.2
Benzene		1.2	U	0.86	1.2
trans-1,3-Dichloropropene		1.2	U	0.26	1.2
Bromoform		1.2	U	0.81	1.2
Isopropylbenzene		1.2	U	0.30	1.2
4-Methyl-2-pentanone		12	U	0.83	12
2-Hexanone		12	U	1.9	12
Tetrachloroethene		1.2	U	0.38	1.2
Toluene		1.2	U	0.35	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.88	1.2
Chlorobenzene		1.2	U	0.56	1.2
Ethylbenzene		1.2	U	0.22	1.2
Xylenes, Total		3.5	U	0.91	3.5
Styrene		1.2	U	0.40	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.71	1.2
1,3-Dichlorobenzene		1.2	U	0.56	1.2
1,4-Dichlorobenzene		1.2	U	0.82	1.2
1,2-Dichlorobenzene		1.2	U	0.74	1.2

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-1 (13-14)

Lab Sample ID: 460-20639-5

Date Sampled: 12/02/2010 1020

Client Matrix: Solid

% Moisture: 18.6

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31230.d
Dilution:	1.0		Initial Weight/Volume:	5.30 g
Date Analyzed:	12/06/2010 0858		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2221			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.2	U	0.62	1.2
1,2-Dibromoethane		1.2	U	0.60	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 138
Toluene-d8 (Surr)	93		66 - 126
Bromofluorobenzene	90		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-4 (10-11)

Lab Sample ID: 460-20639-6

Date Sampled: 12/02/2010 1235

Client Matrix: Solid

% Moisture: 18.2

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31231.d
Dilution:	1.0		Initial Weight/Volume:	5.55 g
Date Analyzed:	12/06/2010 0921		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2224			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.1	U	0.45	1.1
Chloromethane		1.1	U	0.70	1.1
Bromomethane		1.1	U	0.45	1.1
Vinyl chloride		1.1	U	0.26	1.1
Chloroethane		1.1	U	0.44	1.1
Trichlorofluoromethane		1.1	U	0.29	1.1
Freon TF		1.1	U	0.52	1.1
Methylene Chloride		0.62	J B	0.52	1.1
Acetone		5.7	J B	4.1	11
Carbon disulfide		0.55	J	0.51	1.1
Methyl acetate		1.1	U	0.99	1.1
1,1-Dichloroethene		1.1	U	0.41	1.1
1,1-Dichloroethane		1.1	U	0.28	1.1
cis-1,2-Dichloroethene		1.1	U	0.26	1.1
trans-1,2-Dichloroethene		1.1	U	0.31	1.1
MTBE		1.1	U	0.38	1.1
Chloroform		1.1	U	0.26	1.1
1,2-Dichloroethane		1.1	U	0.43	1.1
2-Butanone		11	U	0.63	11
1,1,1-Trichloroethane		1.1	U	0.21	1.1
Cyclohexane		1.1	U	0.24	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Bromodichloromethane		1.1	U	0.33	1.1
1,2-Dichloropropane		1.1	U	0.35	1.1
cis-1,3-Dichloropropene		1.1	U	0.22	1.1
Trichloroethene		1.1	U	0.40	1.1
Methylcyclohexane		1.1	U	0.30	1.1
Dibromochloromethane		1.1	U	0.62	1.1
1,1,2-Trichloroethane		1.1	U	0.65	1.1
Benzene		1.1	U	0.81	1.1
trans-1,3-Dichloropropene		1.1	U	0.24	1.1
Bromoform		1.1	U	0.77	1.1
Isopropylbenzene		1.1	U	0.29	1.1
4-Methyl-2-pentanone		11	U	0.79	11
2-Hexanone		11	U	1.8	11
Tetrachloroethene		1.1	U	0.36	1.1
Toluene		1.1	U	0.33	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.84	1.1
Chlorobenzene		1.1	U	0.53	1.1
Ethylbenzene		1.1	U	0.21	1.1
Xylenes, Total		3.3	U	0.87	3.3
Styrene		1.1	U	0.38	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.67	1.1
1,3-Dichlorobenzene		1.1	U	0.53	1.1
1,4-Dichlorobenzene		1.1	U	0.78	1.1
1,2-Dichlorobenzene		1.1	U	0.70	1.1

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-4 (10-11)

Lab Sample ID: 460-20639-6

Date Sampled: 12/02/2010 1235

Client Matrix: Solid

% Moisture: 18.2

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31231.d
Dilution:	1.0		Initial Weight/Volume:	5.55 g
Date Analyzed:	12/06/2010 0921		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2224			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.1	U	0.59	1.1
1,2-Dibromoethane		1.1	U	0.57	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 138
Toluene-d8 (Surr)	92		66 - 126
Bromofluorobenzene	87		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-5 (10-11)

Lab Sample ID: 460-20639-7

Date Sampled: 12/02/2010 1345

Client Matrix: Solid

% Moisture: 5.5

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31232.d
Dilution:	1.0		Initial Weight/Volume:	5.84 g
Date Analyzed:	12/06/2010 0944		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2227			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		0.91	U	0.37	0.91
Chloromethane		0.91	U	0.57	0.91
Bromomethane		0.91	U	0.37	0.91
Vinyl chloride		0.91	U	0.21	0.91
Chloroethane		0.91	U	0.36	0.91
Trichlorofluoromethane		0.91	U	0.24	0.91
Freon TF		0.91	U	0.43	0.91
Methylene Chloride		0.80	J B	0.43	0.91
Acetone		4.2	J B	3.3	9.1
Carbon disulfide		0.91	U	0.42	0.91
Methyl acetate		0.91	U	0.81	0.91
1,1-Dichloroethene		0.91	U	0.33	0.91
1,1-Dichloroethane		0.91	U	0.23	0.91
cis-1,2-Dichloroethene		0.91	U	0.21	0.91
trans-1,2-Dichloroethene		0.91	U	0.26	0.91
MTBE		0.91	U	0.31	0.91
Chloroform		0.91	U	0.21	0.91
1,2-Dichloroethane		0.91	U	0.35	0.91
2-Butanone		9.1	U	0.52	9.1
1,1,1-Trichloroethane		0.91	U	0.17	0.91
Cyclohexane		0.91	U	0.20	0.91
Carbon tetrachloride		0.91	U	0.091	0.91
Bromodichloromethane		0.91	U	0.28	0.91
1,2-Dichloropropane		0.91	U	0.29	0.91
cis-1,3-Dichloropropene		0.91	U	0.18	0.91
Trichloroethene		0.91	U	0.33	0.91
Methylcyclohexane		0.91	U	0.25	0.91
Dibromochloromethane		0.91	U	0.51	0.91
1,1,2-Trichloroethane		0.91	U	0.54	0.91
Benzene		0.91	U	0.67	0.91
trans-1,3-Dichloropropene		0.91	U	0.20	0.91
Bromoform		0.91	U	0.63	0.91
Isopropylbenzene		0.91	U	0.23	0.91
4-Methyl-2-pentanone		9.1	U	0.65	9.1
2-Hexanone		9.1	U	1.5	9.1
Tetrachloroethene		0.91	U	0.30	0.91
Toluene		0.91	U	0.27	0.91
1,1,2,2-Tetrachloroethane		0.91	U	0.69	0.91
Chlorobenzene		0.91	U	0.44	0.91
Ethylbenzene		0.91	U	0.17	0.91
Xylenes, Total		2.7	U	0.71	2.7
Styrene		0.91	U	0.31	0.91
1,2-Dibromo-3-Chloropropane		0.91	U	0.55	0.91
1,3-Dichlorobenzene		0.91	U	0.44	0.91
1,4-Dichlorobenzene		0.91	U	0.64	0.91
1,2-Dichlorobenzene		0.91	U	0.58	0.91

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: GMW-5 (10-11)

Lab Sample ID: 460-20639-7

Date Sampled: 12/02/2010 1345

Client Matrix: Solid

% Moisture: 5.5

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57634	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57540	Lab File ID:	b31232.d
Dilution:	1.0		Initial Weight/Volume:	5.84 g
Date Analyzed:	12/06/2010 0944		Final Weight/Volume:	5 mL
Date Prepared:	12/03/2010 2227			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		0.91	U	0.48	0.91
1,2-Dibromoethane		0.91	U	0.47	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 138
Toluene-d8 (Surr)	92		66 - 126
Bromofluorobenzene	90		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-1

Lab Sample ID: 460-20639-8

Client Matrix: Water

Date Sampled: 12/02/2010 1435

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59029.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1422		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1422			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.3		0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	12		0.20	1.0
trans-1,2-Dichloroethene	0.43	J	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	29		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.31	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.7		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	0.43	J	0.25	1.0
Xylenes, Total	1.5	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-1

Lab Sample ID: 460-20639-8

Date Sampled: 12/02/2010 1435

Client Matrix: Water

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59029.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1422		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1422			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 122
Toluene-d8 (Surr)	93		69 - 125
Bromofluorobenzene	92		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-2

Lab Sample ID: 460-20639-9

Date Sampled: 12/02/2010 1430

Client Matrix: Water

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59030.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1442		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1442			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	2.3		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.27	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.9		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	0.51	J	0.25	1.0
Xylenes, Total	1.7	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-2

Lab Sample ID: 460-20639-9

Date Sampled: 12/02/2010 1430

Client Matrix: Water

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59030.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1442		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1442			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 122
Toluene-d8 (Surr)	91		69 - 125
Bromofluorobenzene	91		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-3

Lab Sample ID: 460-20639-10

Client Matrix: Water

Date Sampled: 12/02/2010 1425

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59031.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1502		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1502			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.9		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	2.0		0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	0.47	J	0.25	1.0
Xylenes, Total	1.5	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TMW-3

Lab Sample ID: 460-20639-10

Date Sampled: 12/02/2010 1425

Client Matrix: Water

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59031.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1502		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1502			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 122
Toluene-d8 (Surr)	90		69 - 125
Bromofluorobenzene	90		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TB

Lab Sample ID: 460-20639-11TB

Client Matrix: Water

Date Sampled: 11/16/2010 0000

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59028.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1402		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1402			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U H	0.29	1.0
Chloromethane	1.0	U H	0.21	1.0
Bromomethane	1.0	U H	0.31	1.0
Vinyl chloride	1.0	U H	0.13	1.0
Chloroethane	1.0	U H	0.45	1.0
Trichlorofluoromethane	1.0	U H	0.16	1.0
Freon TF	1.0	U H	0.28	1.0
Methylene Chloride	1.0	U H	0.19	1.0
Acetone	10	U H	2.5	10
Carbon disulfide	1.0	U H	0.15	1.0
Methyl acetate	2.0	U H	0.33	2.0
1,1-Dichloroethene	1.0	U H	0.14	1.0
1,1-Dichloroethane	1.0	U H	0.10	1.0
cis-1,2-Dichloroethene	1.0	U H	0.20	1.0
trans-1,2-Dichloroethene	1.0	U H	0.14	1.0
MTBE	1.0	U H	0.18	1.0
Chloroform	1.0	U H	0.15	1.0
1,2-Dichloroethane	1.0	U H	0.24	1.0
2-Butanone	10	U H	0.82	10
1,1,1-Trichloroethane	1.0	U H	0.25	1.0
Cyclohexane	1.0	U H	0.13	1.0
Carbon tetrachloride	1.0	U H	0.19	1.0
Bromodichloromethane	1.0	U H	0.093	1.0
1,2-Dichloropropane	1.0	U H	0.090	1.0
cis-1,3-Dichloropropene	1.0	U H	0.11	1.0
Trichloroethene	1.0	U H	0.18	1.0
Methylcyclohexane	1.0	U H	0.090	1.0
Dibromochloromethane	1.0	U H	0.11	1.0
1,1,2-Trichloroethane	1.0	U H	0.10	1.0
Benzene	1.0	U H	0.13	1.0
trans-1,3-Dichloropropene	1.0	U H	0.12	1.0
Bromoform	1.0	U H	0.10	1.0
Isopropylbenzene	1.0	U H	0.21	1.0
4-Methyl-2-pentanone	10	U H	0.68	10
2-Hexanone	10	U H	0.55	10
Tetrachloroethene	1.0	U H	0.20	1.0
Toluene	1.0	U H	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U H	0.090	1.0
Chlorobenzene	1.0	U H	0.16	1.0
Ethylbenzene	1.0	U H	0.25	1.0
Xylenes, Total	3.0	U H	0.43	3.0
Styrene	1.0	U H	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U H	0.15	1.0
1,3-Dichlorobenzene	1.0	U H	0.22	1.0
1,4-Dichlorobenzene	1.0	U H	0.15	1.0
1,2-Dichlorobenzene	1.0	U H	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

Client Sample ID: TB

Lab Sample ID: 460-20639-11TB

Date Sampled: 11/16/2010 0000

Client Matrix: Water

Date Received: 12/03/2010 1000

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57626	Instrument ID:	VOAMS1
Preparation:	5030B		Lab File ID:	a59028.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2010 1402		Final Weight/Volume:	5 mL
Date Prepared:	12/06/2010 1402			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U H	0.44	1.0
1,2-Dibromoethane	1.0	U H	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 122
Toluene-d8 (Surr)	95		69 - 125
Bromofluorobenzene	94		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry**Client Sample ID:** GMW-1 (8-10)

Lab Sample ID: 460-20639-1

Date Sampled: 12/02/2010 0830

Client Matrix: Solid

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	92.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry

Client Sample ID: TMW-3 (6-7)

Lab Sample ID: 460-20639-2

Client Matrix: Solid

Date Sampled: 12/02/2010 0915

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry

Client Sample ID: TMW-2 (7-8)

Lab Sample ID: 460-20639-3

Client Matrix: Solid

Date Sampled: 12/02/2010 0945

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	89.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry

Client Sample ID: GMW-3 (15-16)

Lab Sample ID: 460-20639-4

Date Sampled: 12/02/2010 1120

Client Matrix: Solid

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	90.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry**Client Sample ID:** TMW-1 (13-14)

Lab Sample ID: 460-20639-5

Date Sampled: 12/02/2010 1020

Client Matrix: Solid

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	81.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry

Client Sample ID: GMW-4 (10-11)

Lab Sample ID: 460-20639-6

Date Sampled: 12/02/2010 1235

Client Matrix: Solid

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	81.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20639-1

General Chemistry**Client Sample ID:** GMW-5 (10-11)

Lab Sample ID: 460-20639-7

Date Sampled: 12/02/2010 1345

Client Matrix: Solid

Date Received: 12/03/2010 1000

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57526	Date Analyzed: 12/03/2010 1801					DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time

QUALITY CONTROL RESULTS

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-57540					
LB3 460-57540/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-20639-1	GMW-1 (8-10)	T	Solid	5035	
460-20639-2	TMW-3 (6-7)	T	Solid	5035	
460-20639-3	TMW-2 (7-8)	T	Solid	5035	
460-20639-4	GMW-3 (15-16)	T	Solid	5035	
460-20639-5	TMW-1 (13-14)	T	Solid	5035	
460-20639-6	GMW-4 (10-11)	T	Solid	5035	
460-20639-7	GMW-5 (10-11)	T	Solid	5035	
Analysis Batch:460-57626					
LCS 460-57626/3	Lab Control Sample	T	Water	8260B	
MB 460-57626/4	Method Blank	T	Water	8260B	
460-20639-8	TMW-1	T	Water	8260B	
460-20639-9	TMW-2	T	Water	8260B	
460-20639-10	TMW-3	T	Water	8260B	
460-20639-11TB	TB	T	Water	8260B	
460-20650-B-33 MS	Matrix Spike	T	Water	8260B	
460-20650-B-33 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-57634					
LCS 460-57634/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-57634/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-57634/5	Method Blank	T	Solid	8260B	
LB3 460-57540/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-57540
460-20639-1	GMW-1 (8-10)	T	Solid	8260B	460-57540
460-20639-2	TMW-3 (6-7)	T	Solid	8260B	460-57540
460-20639-3	TMW-2 (7-8)	T	Solid	8260B	460-57540
460-20639-4	GMW-3 (15-16)	T	Solid	8260B	460-57540
460-20639-5	TMW-1 (13-14)	T	Solid	8260B	460-57540
460-20639-6	GMW-4 (10-11)	T	Solid	8260B	460-57540
460-20639-7	GMW-5 (10-11)	T	Solid	8260B	460-57540

Report Basis

T = Total

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-57526					
460-20639-1	GMW-1 (8-10)	T	Solid	Moisture	
460-20639-2	TMW-3 (6-7)	T	Solid	Moisture	
460-20639-3	TMW-2 (7-8)	T	Solid	Moisture	
460-20639-4	GMW-3 (15-16)	T	Solid	Moisture	
460-20639-5	TMW-1 (13-14)	T	Solid	Moisture	
460-20639-6	GMW-4 (10-11)	T	Solid	Moisture	
460-20639-7	GMW-5 (10-11)	T	Solid	Moisture	
460-20645-A-6 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Client: GaiaTech Inc.

Job Number: 460-20639-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-20639-1	GMW-1 (8-10)	96	92	88
460-20639-2	TMW-3 (6-7)	98	90	90
460-20639-3	TMW-2 (7-8)	96	92	89
460-20639-4	GMW-3 (15-16)	99	92	89
460-20639-5	TMW-1 (13-14)	98	93	90
460-20639-6	GMW-4 (10-11)	100	92	87
460-20639-7	GMW-5 (10-11)	100	92	90
MB 460-57634/5		100	91	88
LB3 460-57540/1-A		97	92	88
LCS 460-57634/3		93	97	94
LCSD 460-57634/4		94	95	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: GaiaTech Inc.

Job Number: 460-20639-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-20639-8	TMW-1	109	93	92
460-20639-9	TMW-2	109	91	91
460-20639-10	TMW-3	110	90	90
460-20639-11	TB	109	95	94
MB 460-57626/4		108	97	95
LCS 460-57626/3		101	100	101
460-20650-B-33 MS		101	101	100
460-20650-B-33 MSD		101	100	99

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-57540

Method: 8260B
Preparation: 5035

Lab Sample ID: LB3 460-57540/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0702
Date Prepared: 12/03/2010 2205

Analysis Batch: 460-57634
Prep Batch: 460-57540
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31225.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.41	1.0
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
Freon TF	1.0	U	0.48	1.0
Methylene Chloride	0.786	J	0.47	1.0
Acetone	3.81	J	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Methyl acetate	1.0	U	0.90	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
MTBE	1.0	U	0.34	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Cyclohexane	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
Isopropylbenzene	1.0	U	0.26	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
Toluene	1.0	U	0.30	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Xylenes, Total	3.0	U	0.79	3.0
Styrene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-57540

Method: 8260B
Preparation: 5035

Lab Sample ID: LB3 460-57540/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0702
Date Prepared: 12/03/2010 2205

Analysis Batch: 460-57634
Prep Batch: 460-57540
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31225.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	97	70 - 138		
Toluene-d8 (Surr)	92	66 - 126		
Bromofluorobenzene	88	72 - 132		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Method Blank - Batch: 460-57626

Method: 8260B Preparation: 5030B

Lab Sample ID: MB 460-57626/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2010 0833
Date Prepared: 12/06/2010 0833

Analysis Batch: 460-57626
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS1
Lab File ID: a59014.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Method Blank - Batch: 460-57626

Lab Sample ID: MB 460-57626/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2010 0833
Date Prepared: 12/06/2010 0833

Analysis Batch: 460-57626
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: VOAMS1
Lab File ID: a59014.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	108	70 - 122		
Toluene-d8 (Surr)	97	69 - 125		
Bromofluorobenzene	95	69 - 135		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Control Sample - Batch: 460-57626

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-57626/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2010 0724
Date Prepared: 12/06/2010 0724

Analysis Batch: 460-57626
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS1
Lab File ID: a59011.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	22.7	113	46 - 145	
Chloromethane	20.0	20.5	103	58 - 146	
Bromomethane	20.0	19.5	97	55 - 153	
Vinyl chloride	20.0	21.8	109	61 - 144	
Chloroethane	20.0	21.4	107	69 - 145	
Trichlorofluoromethane	20.0	22.4	112	69 - 147	
Freon TF	20.0	22.8	114	47 - 139	
Methylene Chloride	20.0	23.1	116	79 - 119	
Acetone	20.0	22.4	112	45 - 156	
Carbon disulfide	20.0	22.1	111	58 - 139	
Methyl acetate	20.0	20.9	105	50 - 151	
1,1-Dichloroethene	20.0	22.0	110	56 - 139	
1,1-Dichloroethane	20.0	21.8	109	78 - 122	
cis-1,2-Dichloroethene	20.0	21.6	108	80 - 120	
trans-1,2-Dichloroethene	20.0	21.5	107	75 - 122	
MTBE	20.0	21.7	109	71 - 115	
Chloroform	20.0	21.7	109	82 - 123	
1,2-Dichloroethane	20.0	21.8	109	74 - 118	
2-Butanone	20.0	22.6	113	65 - 114	
1,1,1-Trichloroethane	20.0	22.0	110	74 - 128	
Cyclohexane	20.0	20.1	101	58 - 133	
Carbon tetrachloride	20.0	22.9	114	73 - 120	
Bromodichloromethane	20.0	21.9	109	79 - 119	
1,2-Dichloropropane	20.0	21.7	108	80 - 120	
cis-1,3-Dichloropropene	20.0	21.6	108	80 - 120	
Trichloroethene	20.0	21.6	108	78 - 119	
Methylcyclohexane	20.0	19.7	99	61 - 129	
Dibromochloromethane	20.0	21.7	109	80 - 120	
1,1,2-Trichloroethane	20.0	21.8	109	79 - 119	
Benzene	20.0	22.1	110	83 - 124	
trans-1,3-Dichloropropene	20.0	21.3	106	78 - 118	
Bromoform	20.0	23.2	116	73 - 123	
Isopropylbenzene	20.0	22.7	113	80 - 125	
4-Methyl-2-pentanone	20.0	21.0	105	53 - 120	
2-Hexanone	20.0	15.6	78	53 - 121	
Tetrachloroethene	20.0	22.3	111	68 - 139	
Toluene	20.0	21.0	105	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	22.0	110	74 - 126	
Chlorobenzene	20.0	21.2	106	81 - 121	
Ethylbenzene	20.0	22.3	112	79 - 126	
Xylenes, Total	60.0	68.1	114	76 - 121	
Styrene	20.0	20.5	103	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	70 - 116	

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Lab Control Sample - Batch: 460-57626

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-57626/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/06/2010 0724

Date Prepared: 12/06/2010 0724

Analysis Batch: 460-57626

Prep Batch: N/A

Units: ug/L

Instrument ID: VOAMS1

Lab File ID: a59011.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,3-Dichlorobenzene	20.0	21.9	110	81 - 126	
1,4-Dichlorobenzene	20.0	21.7	108	83 - 123	
1,2-Dichlorobenzene	20.0	21.3	107	82 - 122	
1,2,4-Trichlorobenzene	20.0	20.8	104	66 - 120	
1,2-Dibromoethane	20.0	21.4	107	78 - 118	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	101		70 - 122		
Toluene-d8 (Surr)	100		69 - 125		
Bromofluorobenzene	101		69 - 135		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-57626

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 460-20650-B-33 MS
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 12/06/2010 1031
Date Prepared: 12/06/2010 1031

Analysis Batch: 460-57626
Prep Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a59018.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-20650-B-33 MSD
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 12/06/2010 1050
Date Prepared: 12/06/2010 1050

Analysis Batch: 460-57626
Prep Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a59019.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	112	112	46 - 145	1	30		
Chloromethane	101	102	58 - 146	1	30		
Bromomethane	94	103	55 - 153	9	30		
Vinyl chloride	110	110	61 - 144	0	30		
Chloroethane	106	107	69 - 145	1	30		
Trichlorofluoromethane	112	115	69 - 147	3	30		
Freon TF	119	121	47 - 139	2	30		
Methylene Chloride	104	113	79 - 119	9	30		
Acetone	107	100	45 - 156	6	30		
Carbon disulfide	99	97	58 - 139	2	30		
Methyl acetate	96	93	50 - 151	3	30		
1,1-Dichloroethene	117	118	56 - 139	1	30		
1,1-Dichloroethane	112	109	78 - 122	3	30		
cis-1,2-Dichloroethene	112	112	80 - 120	1	30		
trans-1,2-Dichloroethene	110	109	75 - 122	1	30		
MTBE	109	110	71 - 115	1	30		
Chloroform	112	108	82 - 123	4	30		
1,2-Dichloroethane	109	107	74 - 118	2	30		
2-Butanone	110	106	65 - 114	4	30		
1,1,1-Trichloroethane	112	112	74 - 128	0	30		
Cyclohexane	103	105	58 - 133	2	30		
Carbon tetrachloride	116	114	73 - 120	2	30		
Bromodichloromethane	107	102	79 - 119	5	30		
1,2-Dichloropropane	109	108	80 - 120	1	30		
cis-1,3-Dichloropropene	104	102	80 - 120	2	30		
Trichloroethene	111	110	78 - 119	1	30		
Methylcyclohexane	105	105	61 - 129	0	30		
Dibromochloromethane	102	98	80 - 120	4	30		
1,1,2-Trichloroethane	112	107	79 - 119	5	30		
Benzene	114	112	83 - 124	1	30		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-57626**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 460-20650-B-33 MS
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 12/06/2010 1031
Date Prepared: 12/06/2010 1031

Analysis Batch: 460-57626
Prep Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a59018.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-20650-B-33 MSD
Client Matrix: Water
Dilution: 5.0
Date Analyzed: 12/06/2010 1050
Date Prepared: 12/06/2010 1050

Analysis Batch: 460-57626
Prep Batch: N/A

Instrument ID: VOAMS1
Lab File ID: a59019.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
trans-1,3-Dichloropropene	104	102	78 - 118	2	30		
Bromoform	104	97	73 - 123	7	30		
Isopropylbenzene	118	118	80 - 125	0	30		
4-Methyl-2-pentanone	110	111	53 - 120	1	30		
2-Hexanone	82	82	53 - 121	0	30		
Tetrachloroethene	118	117	68 - 139	1	30		
Toluene	108	107	80 - 120	2	30		
1,1,2,2-Tetrachloroethane	110	110	74 - 126	0	30		
Chlorobenzene	108	108	81 - 121	0	30		
Ethylbenzene	116	112	79 - 126	3	30		
Xylenes, Total	118	116	76 - 121	2	30		
Styrene	106	102	69 - 112	4	30		
1,2-Dibromo-3-Chloropropane	101	105	70 - 116	4	30		
1,3-Dichlorobenzene	111	113	81 - 126	2	30		
1,4-Dichlorobenzene	108	110	83 - 123	2	30		
1,2-Dichlorobenzene	108	108	82 - 122	0	30		
1,2,4-Trichlorobenzene	98	112	66 - 120	14	30		
1,2-Dibromoethane	109	110	78 - 118	1	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	101		101	70 - 122			
Toluene-d8 (Surr)	101		100	69 - 125			
Bromofluorobenzene	100		99	69 - 135			

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Method Blank - Batch: 460-57634

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-57634/5

Analysis Batch: 460-57634

Instrument ID: VOAMS2

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: b31224.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 mL

Date Analyzed: 12/06/2010 0639

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.41	1.0
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
Freon TF	1.0	U	0.48	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Methyl acetate	1.0	U	0.90	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
MTBE	1.0	U	0.34	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Cyclohexane	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
Isopropylbenzene	1.0	U	0.26	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
Toluene	1.0	U	0.30	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Xylenes, Total	3.0	U	0.79	3.0
Styrene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Method Blank - Batch: 460-57634

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-57634/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0639
Date Prepared: N/A

Analysis Batch: 460-57634
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31224.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Surrogate	% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	100	70 - 138		
Toluene-d8 (Surr)	91	66 - 126		
Bromofluorobenzene	88	72 - 132		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-57634**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-57634/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0501
Date Prepared: N/A

Analysis Batch: 460-57634
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31221.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-57634/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0537
Date Prepared: N/A

Analysis Batch: 460-57634
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31222.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Dichlorodifluoromethane	78	86	52 - 144	11	30		
Chloromethane	90	92	50 - 151	2	30		
Bromomethane	87	100	54 - 142	13	30		
Vinyl chloride	90	92	67 - 133	1	30		
Chloroethane	89	96	56 - 146	7	30		
Trichlorofluoromethane	90	90	61 - 139	0	30		
Freon TF	86	84	73 - 123	2	30		
Methylene Chloride	97	94	74 - 137	3	30		
Acetone	136	126	27 - 164	8	30		
Carbon disulfide	103	99	72 - 128	3	30		
Methyl acetate	111	104	73 - 137	7	30		
1,1-Dichloroethene	97	97	71 - 126	1	30		
1,1-Dichloroethane	100	96	76 - 125	4	30		
cis-1,2-Dichloroethene	99	97	80 - 120	3	30		
trans-1,2-Dichloroethene	100	96	75 - 122	4	30		
MTBE	84	80	78 - 120	4	30		
Chloroform	99	96	77 - 120	3	30		
1,2-Dichloroethane	96	93	76 - 118	3	30		
2-Butanone	94	84	77 - 117	11	30		
1,1,1-Trichloroethane	103	98	78 - 117	5	30		
Cyclohexane	83	81	80 - 121	3	30		
Carbon tetrachloride	103	101	79 - 118	2	30		
Bromodichloromethane	101	96	79 - 119	5	30		
1,2-Dichloropropane	100	92	82 - 122	9	30		
cis-1,3-Dichloropropene	102	94	80 - 123	7	30		
Trichloroethene	95	91	79 - 119	5	30		
Methylcyclohexane	87	82	78 - 118	6	30		
Dibromochloromethane	106	99	68 - 120	7	30		
1,1,2-Trichloroethane	98	93	73 - 118	5	30		
Benzene	96	92	77 - 117	4	30		
trans-1,3-Dichloropropene	104	95	67 - 121	9	30		
Bromoform	87	84	59 - 125	4	30		
Isopropylbenzene	99	93	65 - 129	6	30		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-57634**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-57634/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0501
Date Prepared: N/A

Analysis Batch: 460-57634
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31221.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-57634/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 0537
Date Prepared: N/A

Analysis Batch: 460-57634
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31222.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
4-Methyl-2-pentanone	97	88	68 - 120	9	30		
2-Hexanone	97	91	70 - 122	7	30		
Tetrachloroethene	97	94	80 - 120	4	30		
Toluene	93	89	75 - 115	5	30		
1,1,2,2-Tetrachloroethane	95	90	79 - 122	5	30		
Chlorobenzene	101	96	80 - 120	5	30		
Ethylbenzene	99	95	81 - 121	4	30		
Xylenes, Total	99	94	82 - 122	5	30		
Styrene	103	96	82 - 122	7	30		
1,2-Dibromo-3-Chloropropane	88	86	74 - 118	2	30		
1,3-Dichlorobenzene	96	94	80 - 120	3	30		
1,4-Dichlorobenzene	98	94	80 - 120	4	30		
1,2-Dichlorobenzene	93	88	80 - 120	6	30		
1,2,4-Trichlorobenzene	116	108	80 - 120	8	30		
1,2-Dibromoethane	100	95	75 - 117	6	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	93		94		70 - 138		
Toluene-d8 (Surr)	97		95		66 - 126		
Bromofluorobenzene	94		97		72 - 132		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20639-1

Duplicate - Batch: 460-57526

Method: Moisture
Preparation: N/A

Lab Sample ID: 460-20645-A-6 DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/03/2010 1801
Date Prepared: N/A

Analysis Batch: 460-57526
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	49.0	41.1	17	20	
Percent Solids	51.0	58.9	14	20	

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Login Sample Receipt Check List

Client: GaiaTech Inc.

Job Number: 460-20639-1

Login Number: 20639
Creator: Meyers, Gary
List Number: 1

List Source: TestAmerica Edison

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	837266
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.6° C IR #50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

Job Number: 460-20728-1
Job Description: DSI, Poestenkill NY

For:
GaiaTech Inc.
135 South LaSalle Street
Suite 3500
Chicago, IL 60603
Attention: Mike Duet



Approved for release.
Omayra Penas
Project Manager II
12/14/2010 4:13 PM

Designee for
Sherree Baker
Project Manager II
sherree.baker@testamericainc.com
12/14/2010

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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CASE NARRATIVE

Client: GaiaTech Inc.

Project: DSI, Poestenkill NY

Report Number: 460-20728-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 12/06/2010; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.1 C.

The following sample(s) was received outside of holding time: Trip Blank received over holding time.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-20728-1 and 460-20728-2 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared and analyzed on 12/07/2010.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-20728-3 through 460-20728-8 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 12/08/2010.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 57841 were outside control limits for Trichloroethene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-20728-1 and 460-20728-2 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 12/06/2010.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-20728-1	GMW-2 (8-10)	Solid	12/03/2010 1025	12/06/2010 1201
460-20728-2	GMW-2 (10-12)	Solid	12/03/2010 1030	12/06/2010 1201
460-20728-3	GMW-2	Water	12/03/2010 1245	12/06/2010 1201
460-20728-4	GMW-5	Water	12/04/2010 1120	12/06/2010 1201
460-20728-5	GMW-3	Water	12/04/2010 1250	12/06/2010 1201
460-20728-6	GMW-4	Water	12/04/2010 1340	12/06/2010 1201
460-20728-7	GMW-1	Water	12/05/2010 0945	12/06/2010 1201
460-20728-8	TB	Water	11/16/2010 0000	12/06/2010 1201

EXECUTIVE SUMMARY - Detections

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-20728-1	GMW-2 (8-10)					
Methylene Chloride		0.71	J	1.0	ug/Kg	8260B
Acetone		6.4	J	10	ug/Kg	8260B
Methyl acetate		0.97	J	1.0	ug/Kg	8260B
Trichloroethene		5.8		1.0	ug/Kg	8260B
Percent Moisture		8.8		1.0	%	Moisture
Percent Solids		91.2		1.0	%	Moisture
460-20728-2	GMW-2 (10-12)					
Acetone		5.6	J	11	ug/Kg	8260B
cis-1,2-Dichloroethene		0.55	J	1.1	ug/Kg	8260B
Trichloroethene		5.0		1.1	ug/Kg	8260B
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture
460-20728-3	GMW-2					
cis-1,2-Dichloroethene		28		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.56	J	1.0	ug/L	8260B
Trichloroethene		160		1.0	ug/L	8260B
Toluene		0.30	J	1.0	ug/L	8260B
460-20728-4	GMW-5					
Benzene		0.22	J	1.0	ug/L	8260B
Toluene		0.47	J	1.0	ug/L	8260B
460-20728-5	GMW-3					
Vinyl chloride		1.9		1.0	ug/L	8260B
Acetone		21		10	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		28		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
MTBE		1.2		1.0	ug/L	8260B
Trichloroethene		370		1.0	ug/L	8260B
Benzene		0.44	J	1.0	ug/L	8260B
4-Methyl-2-pentanone		1.0	J	10	ug/L	8260B
2-Hexanone		1.5	J	10	ug/L	8260B
Tetrachloroethene		0.39	J	1.0	ug/L	8260B
Toluene		0.58	J	1.0	ug/L	8260B
Xylenes, Total		0.62	J	3.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-20728-6	GMW-4					
Carbon disulfide		1.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.98	J	1.0	ug/L	8260B
MTBE		0.20	J	1.0	ug/L	8260B
Trichloroethene		17		1.0	ug/L	8260B
Tetrachloroethene		0.41	J	1.0	ug/L	8260B
Toluene		0.57	J	1.0	ug/L	8260B
Xylenes, Total		0.78	J	3.0	ug/L	8260B
460-20728-7	GMW-1					
Acetone		31		10	ug/L	8260B
2-Butanone		15		10	ug/L	8260B
Trichloroethene		0.27	J	1.0	ug/L	8260B
Benzene		0.21	J	1.0	ug/L	8260B
4-Methyl-2-pentanone		1.6	J	10	ug/L	8260B
2-Hexanone		5.1	J	10	ug/L	8260B
Toluene		0.55	J	1.0	ug/L	8260B
Xylenes, Total		0.48	J	3.0	ug/L	8260B

METHOD SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20728-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: GaiaTech Inc.

Job Number: 460-20728-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
EPA Moisture	Hall, Alonzo	ah

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2 (8-10)

Lab Sample ID: 460-20728-1

Date Sampled: 12/03/2010 1025

Client Matrix: Solid

% Moisture: 8.8

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57829	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57757	Lab File ID:	b31265.d
Dilution:	1.0		Initial Weight/Volume:	5.34 g
Date Analyzed:	12/07/2010 1950		Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 0929			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.0	U	0.42	1.0
Chloromethane		1.0	U	0.65	1.0
Bromomethane		1.0	U	0.42	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.41	1.0
Trichlorofluoromethane		1.0	U	0.27	1.0
Freon TF		1.0	U	0.49	1.0
Methylene Chloride		0.71	J	0.48	1.0
Acetone		6.4	J	3.8	10
Carbon disulfide		1.0	U	0.48	1.0
Methyl acetate		0.97	J	0.92	1.0
1,1-Dichloroethene		1.0	U	0.38	1.0
1,1-Dichloroethane		1.0	U	0.26	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
trans-1,2-Dichloroethene		1.0	U	0.29	1.0
MTBE		1.0	U	0.35	1.0
Chloroform		1.0	U	0.24	1.0
1,2-Dichloroethane		1.0	U	0.40	1.0
2-Butanone		10	U	0.58	10
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Cyclohexane		1.0	U	0.23	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Bromodichloromethane		1.0	U	0.31	1.0
1,2-Dichloropropane		1.0	U	0.33	1.0
cis-1,3-Dichloropropene		1.0	U	0.21	1.0
Trichloroethene		5.8		0.37	1.0
Methylcyclohexane		1.0	U	0.28	1.0
Dibromochloromethane		1.0	U	0.57	1.0
1,1,2-Trichloroethane		1.0	U	0.61	1.0
Benzene		1.0	U	0.76	1.0
trans-1,3-Dichloropropene		1.0	U	0.23	1.0
Bromoform		1.0	U	0.72	1.0
Isopropylbenzene		1.0	U	0.27	1.0
4-Methyl-2-pentanone		10	U	0.73	10
2-Hexanone		10	U	1.7	10
Tetrachloroethene		1.0	U	0.34	1.0
Toluene		1.0	U	0.31	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.78	1.0
Chlorobenzene		1.0	U	0.49	1.0
Ethylbenzene		1.0	U	0.20	1.0
Xylenes, Total		3.1	U	0.81	3.1
Styrene		1.0	U	0.36	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	0.63	1.0
1,3-Dichlorobenzene		1.0	U	0.50	1.0
1,4-Dichlorobenzene		1.0	U	0.73	1.0
1,2-Dichlorobenzene		1.0	U	0.65	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2 (8-10)

Lab Sample ID: 460-20728-1

Date Sampled: 12/03/2010 1025

Client Matrix: Solid

% Moisture: 8.8

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57829	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57757	Lab File ID:	b31265.d
Dilution:	1.0		Initial Weight/Volume:	5.34 g
Date Analyzed:	12/07/2010 1950		Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 0929			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.0	U	0.55	1.0
1,2-Dibromoethane		1.0	U	0.53	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	88		72 - 132

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2 (10-12)

Lab Sample ID: 460-20728-2

Date Sampled: 12/03/2010 1030

Client Matrix: Solid

% Moisture: 10.6

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57829	Instrument ID:	VOAMS2
Preparation:	5035	Prep Batch: 460-57757	Lab File ID:	b31266.d
Dilution:	1.0		Initial Weight/Volume:	5.24 g
Date Analyzed:	12/07/2010 2013		Final Weight/Volume:	5 mL
Date Prepared:	12/07/2010 0933			

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		1.1	U	0.43	1.1
Chloromethane		1.1	U	0.68	1.1
Bromomethane		1.1	U	0.44	1.1
Vinyl chloride		1.1	U	0.25	1.1
Chloroethane		1.1	U	0.43	1.1
Trichlorofluoromethane		1.1	U	0.28	1.1
Freon TF		1.1	U	0.51	1.1
Methylene Chloride		1.1	U	0.50	1.1
Acetone		5.6	J	3.9	11
Carbon disulfide		1.1	U	0.50	1.1
Methyl acetate		1.1	U	0.96	1.1
1,1-Dichloroethene		1.1	U	0.39	1.1
1,1-Dichloroethane		1.1	U	0.27	1.1
cis-1,2-Dichloroethene		0.55	J	0.25	1.1
trans-1,2-Dichloroethene		1.1	U	0.30	1.1
MTBE		1.1	U	0.37	1.1
Chloroform		1.1	U	0.25	1.1
1,2-Dichloroethane		1.1	U	0.42	1.1
2-Butanone		11	U	0.61	11
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Cyclohexane		1.1	U	0.24	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Bromodichloromethane		1.1	U	0.32	1.1
1,2-Dichloropropane		1.1	U	0.34	1.1
cis-1,3-Dichloropropene		1.1	U	0.21	1.1
Trichloroethene		5.0		0.39	1.1
Methylcyclohexane		1.1	U	0.29	1.1
Dibromochloromethane		1.1	U	0.60	1.1
1,1,2-Trichloroethane		1.1	U	0.63	1.1
Benzene		1.1	U	0.79	1.1
trans-1,3-Dichloropropene		1.1	U	0.24	1.1
Bromoform		1.1	U	0.75	1.1
Isopropylbenzene		1.1	U	0.28	1.1
4-Methyl-2-pentanone		11	U	0.76	11
2-Hexanone		11	U	1.8	11
Tetrachloroethene		1.1	U	0.35	1.1
Toluene		1.1	U	0.32	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.81	1.1
Chlorobenzene		1.1	U	0.51	1.1
Ethylbenzene		1.1	U	0.20	1.1
Xylenes, Total		3.2	U	0.84	3.2
Styrene		1.1	U	0.37	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.65	1.1
1,3-Dichlorobenzene		1.1	U	0.52	1.1
1,4-Dichlorobenzene		1.1	U	0.76	1.1
1,2-Dichlorobenzene		1.1	U	0.68	1.1

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2 (10-12)

Lab Sample ID: 460-20728-2

Date Sampled: 12/03/2010 1030

Client Matrix: Solid

% Moisture: 10.6

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 460-57829

Instrument ID: VOAMS2

Preparation: 5035

Prep Batch: 460-57757

Lab File ID: b31266.d

Dilution: 1.0

Initial Weight/Volume: 5.24 g

Date Analyzed: 12/07/2010 2013

Final Weight/Volume: 5 mL

Date Prepared: 12/07/2010 0933

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		1.1	U	0.57	1.1
1,2-Dibromoethane		1.1	U	0.55	1.1
Surrogate		%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		100		70 - 138	
Toluene-d8 (Surr)		90		66 - 126	
Bromofluorobenzene		89		72 - 132	

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2

Lab Sample ID: 460-20728-3

Date Sampled: 12/03/2010 1245

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95987.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0027		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0027			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	28		0.20	1.0
trans-1,2-Dichloroethene	0.56	J	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	160		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.30	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-2

Lab Sample ID: 460-20728-3

Date Sampled: 12/03/2010 1245

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95987.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0027		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0027			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 122
Toluene-d8 (Surr)	102		69 - 125
Bromofluorobenzene	110		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-5

Lab Sample ID: 460-20728-4

Client Matrix: Water

Date Sampled: 12/04/2010 1120

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95988.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0052		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0052			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.22	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.47	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-5

Lab Sample ID: 460-20728-4

Date Sampled: 12/04/2010 1120

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95988.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0052		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0052			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Toluene-d8 (Surr)	91		69 - 125
Bromofluorobenzene	99		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-3

Lab Sample ID: 460-20728-5

Client Matrix: Water

Date Sampled: 12/04/2010 1250

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95992.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0232		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0232			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.9		0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	21		2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	0.35	J	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	28		0.20	1.0
trans-1,2-Dichloroethene	0.41	J	0.14	1.0
MTBE	1.2		0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	370		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.44	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	1.0	J	0.68	10
2-Hexanone	1.5	J	0.55	10
Tetrachloroethene	0.39	J	0.20	1.0
Toluene	0.58	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	0.62	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-3

Lab Sample ID: 460-20728-5

Date Sampled: 12/04/2010 1250

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95992.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0232		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0232			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 122
Toluene-d8 (Surr)	85		69 - 125
Bromofluorobenzene	89		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-4

Lab Sample ID: 460-20728-6

Client Matrix: Water

Date Sampled: 12/04/2010 1340

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95989.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0117		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0117			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.9		0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.98	J	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	0.20	J	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	17		0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	0.41	J	0.20	1.0
Toluene	0.57	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	0.78	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-4

Lab Sample ID: 460-20728-6

Date Sampled: 12/04/2010 1340

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95989.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0117		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0117			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 122
Toluene-d8 (Surr)	91		69 - 125
Bromofluorobenzene	91		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-1

Lab Sample ID: 460-20728-7

Client Matrix: Water

Date Sampled: 12/05/2010 0945

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95990.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0142		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0142			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	31		2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	15		0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	0.27	J	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	0.21	J	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	1.6	J	0.68	10
2-Hexanone	5.1	J	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	0.55	J	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	0.48	J	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: GMW-1

Lab Sample ID: 460-20728-7

Date Sampled: 12/05/2010 0945

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95990.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0142		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0142			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 122
Toluene-d8 (Surr)	86		69 - 125
Bromofluorobenzene	97		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: TB

Lab Sample ID: 460-20728-8

Date Sampled: 11/16/2010 0000

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95986.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0002		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0002			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U H	0.29	1.0
Chloromethane	1.0	U H	0.21	1.0
Bromomethane	1.0	U H	0.31	1.0
Vinyl chloride	1.0	U H	0.13	1.0
Chloroethane	1.0	U H	0.45	1.0
Trichlorofluoromethane	1.0	U H	0.16	1.0
Freon TF	1.0	U H	0.28	1.0
Methylene Chloride	1.0	U H	0.19	1.0
Acetone	10	U H	2.5	10
Carbon disulfide	1.0	U H	0.15	1.0
Methyl acetate	2.0	U H	0.33	2.0
1,1-Dichloroethene	1.0	U H	0.14	1.0
1,1-Dichloroethane	1.0	U H	0.10	1.0
cis-1,2-Dichloroethene	1.0	U H	0.20	1.0
trans-1,2-Dichloroethene	1.0	U H	0.14	1.0
MTBE	1.0	U H	0.18	1.0
Chloroform	1.0	U H	0.15	1.0
1,2-Dichloroethane	1.0	U H	0.24	1.0
2-Butanone	10	U H	0.82	10
1,1,1-Trichloroethane	1.0	U H	0.25	1.0
Cyclohexane	1.0	U H	0.13	1.0
Carbon tetrachloride	1.0	U H	0.19	1.0
Bromodichloromethane	1.0	U H	0.093	1.0
1,2-Dichloropropane	1.0	U H	0.090	1.0
cis-1,3-Dichloropropene	1.0	U H	0.11	1.0
Trichloroethene	1.0	U H	0.18	1.0
Methylcyclohexane	1.0	U H	0.090	1.0
Dibromochloromethane	1.0	U H	0.11	1.0
1,1,2-Trichloroethane	1.0	U H	0.10	1.0
Benzene	1.0	U H	0.13	1.0
trans-1,3-Dichloropropene	1.0	U H	0.12	1.0
Bromoform	1.0	U H	0.10	1.0
Isopropylbenzene	1.0	U H	0.21	1.0
4-Methyl-2-pentanone	10	U H	0.68	10
2-Hexanone	10	U H	0.55	10
Tetrachloroethene	1.0	U H	0.20	1.0
Toluene	1.0	U H	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U H	0.090	1.0
Chlorobenzene	1.0	U H	0.16	1.0
Ethylbenzene	1.0	U H	0.25	1.0
Xylenes, Total	3.0	U H	0.43	3.0
Styrene	1.0	U H	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U H	0.15	1.0
1,3-Dichlorobenzene	1.0	U H	0.22	1.0
1,4-Dichlorobenzene	1.0	U H	0.15	1.0
1,2-Dichlorobenzene	1.0	U H	0.16	1.0

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

Client Sample ID: TB

Lab Sample ID: 460-20728-8

Date Sampled: 11/16/2010 0000

Client Matrix: Water

Date Received: 12/06/2010 1201

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 460-57841	Instrument ID:	VOAMS8
Preparation:	5030B		Lab File ID:	j95986.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/08/2010 0002		Final Weight/Volume:	5 mL
Date Prepared:	12/08/2010 0002			

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U H	0.44	1.0
1,2-Dibromoethane	1.0	U H	0.090	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 122
Toluene-d8 (Surr)	100		69 - 125
Bromofluorobenzene	103		69 - 135

Analytical Data

Client: GaiaTech Inc.

Job Number: 460-20728-1

General Chemistry**Client Sample ID:** GMW-2 (8-10)

Lab Sample ID: 460-20728-1

Date Sampled: 12/03/2010 1025

Client Matrix: Solid

Date Received: 12/06/2010 1201

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57719	Date Analyzed: 12/06/2010 2154					DryWt Corrected: N
Percent Solids	91.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57719	Date Analyzed: 12/06/2010 2154					DryWt Corrected: N

Client: GaiaTech Inc.

Job Number: 460-20728-1

General Chemistry

Client Sample ID: GMW-2 (10-12)

Lab Sample ID: 460-20728-2

Date Sampled: 12/03/2010 1030

Client Matrix: Solid

Date Received: 12/06/2010 1201

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57719	Date Analyzed: 12/06/2010 2154					DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-57719	Date Analyzed: 12/06/2010 2154					DryWt Corrected: N

Client: GaiaTech Inc.

Job Number: 460-20728-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-20728-1	GMW-2 (8-10)	102	91	88
460-20728-2	GMW-2 (10-12)	100	90	89
MB 460-57829/5		101	93	90
LB3 460-57757/1-A		102	92	87
LCS 460-57829/3		97	98	97
LCSD 460-57829/4		95	98	96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: GaiaTech Inc.

Job Number: 460-20728-1

Surrogate Recovery Report**8260B Volatile Organic Compounds (GC/MS)****Client Matrix: Water**

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-20728-3	GMW-2	108	102	110
460-20728-4	GMW-5	104	91	99
460-20728-5	GMW-3	92	85	89
460-20728-6	GMW-4	88	91	91
460-20728-7	GMW-1	99	86	97
460-20728-8	TB	98	100	103
MB 460-57841/4		103	101	106
LCS 460-57841/3		96	97	93
460-20728-3 MS	GMW-2 MS	92	93	90
460-20728-3 MSD	GMW-2 MSD	93	94	91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

**Neutral Leach or MeOH Extraction Blank - Batch:
460-57757**

**Method: 8260B
Preparation: 5035**

Lab Sample ID: LB3 460-57757/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 2059
Date Prepared: 12/07/2010 0926

Analysis Batch: 460-57829
Prep Batch: 460-57757
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31268.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.41	1.0
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
Freon TF	1.0	U	0.48	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Methyl acetate	1.0	U	0.90	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
MTBE	1.0	U	0.34	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Cyclohexane	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
Isopropylbenzene	1.0	U	0.26	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
Toluene	1.0	U	0.30	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Xylenes, Total	3.0	U	0.79	3.0
Styrene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Neutral Leach or MeOH Extraction Blank - Batch: 460-57757

Method: 8260B
Preparation: 5035

Lab Sample ID: LB3 460-57757/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 2059
Date Prepared: 12/07/2010 0926

Analysis Batch: 460-57829
Prep Batch: 460-57757
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31268.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 138
Toluene-d8 (Surr)	92	66 - 126
Bromofluorobenzene	87	72 - 132

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Method Blank - Batch: 460-57829

Method: 8260B

Preparation: N/A

Lab Sample ID: MB 460-57829/5

Analysis Batch: 460-57829

Instrument ID: VOAMS2

Client Matrix: Solid

Prep Batch: N/A

Lab File ID: b31264.d

Dilution: 1.0

Units: ug/Kg

Initial Weight/Volume: 5 mL

Date Analyzed: 12/07/2010 1927

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.41	1.0
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
Freon TF	1.0	U	0.48	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Methyl acetate	1.0	U	0.90	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
MTBE	1.0	U	0.34	1.0
Chloroform	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.39	1.0
2-Butanone	10	U	0.57	10
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Cyclohexane	1.0	U	0.22	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Bromodichloromethane	1.0	U	0.30	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
Trichloroethene	1.0	U	0.36	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Benzene	1.0	U	0.74	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
Bromoform	1.0	U	0.70	1.0
Isopropylbenzene	1.0	U	0.26	1.0
4-Methyl-2-pentanone	10	U	0.72	10
2-Hexanone	10	U	1.7	10
Tetrachloroethene	1.0	U	0.33	1.0
Toluene	1.0	U	0.30	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0
Chlorobenzene	1.0	U	0.48	1.0
Ethylbenzene	1.0	U	0.19	1.0
Xylenes, Total	3.0	U	0.79	3.0
Styrene	1.0	U	0.35	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Method Blank - Batch: 460-57829

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 460-57829/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1927
Date Prepared: N/A

Analysis Batch: 460-57829
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31264.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 138
Toluene-d8 (Surr)	93	66 - 126
Bromofluorobenzene	90	72 - 132

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-57829**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-57829/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1753
Date Prepared: N/A

Analysis Batch: 460-57829
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31260.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-57829/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1816
Date Prepared: N/A

Analysis Batch: 460-57829
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31261.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Dichlorodifluoromethane	74	81	52 - 144	9	30		
Chloromethane	90	89	50 - 151	1	30		
Bromomethane	80	82	54 - 142	3	30		
Vinyl chloride	92	93	67 - 133	0	30		
Chloroethane	86	94	56 - 146	9	30		
Trichlorofluoromethane	87	81	61 - 139	7	30		
Freon TF	83	82	73 - 123	1	30		
Methylene Chloride	96	94	74 - 137	2	30		
Acetone	139	133	27 - 164	5	30		
Carbon disulfide	95	92	72 - 128	3	30		
Methyl acetate	91	88	73 - 137	4	30		
1,1-Dichloroethene	94	96	71 - 126	3	30		
1,1-Dichloroethane	98	95	76 - 125	2	30		
cis-1,2-Dichloroethene	91	91	80 - 120	0	30		
trans-1,2-Dichloroethene	93	93	75 - 122	0	30		
MTBE	85	82	78 - 120	4	30		
Chloroform	99	97	77 - 120	2	30		
1,2-Dichloroethane	101	101	76 - 118	0	30		
2-Butanone	94	93	77 - 117	2	30		
1,1,1-Trichloroethane	96	92	78 - 117	4	30		
Cyclohexane	80	80	80 - 121	1	30		
Carbon tetrachloride	96	95	79 - 118	1	30		
Bromodichloromethane	101	97	79 - 119	4	30		
1,2-Dichloropropane	98	96	82 - 122	2	30		
cis-1,3-Dichloropropene	95	92	80 - 123	3	30		
Trichloroethene	93	90	79 - 119	3	30		
Methylcyclohexane	79	79	78 - 118	1	30		
Dibromochloromethane	105	100	68 - 120	4	30		
1,1,2-Trichloroethane	102	97	73 - 118	5	30		
Benzene	95	94	77 - 117	1	30		
trans-1,3-Dichloropropene	102	100	67 - 121	2	30		
Bromoform	85	82	59 - 125	3	30		
Isopropylbenzene	101	101	65 - 129	1	30		
4-Methyl-2-pentanone	97	92	68 - 120	5	30		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-57829**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-57829/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1753
Date Prepared: N/A

Analysis Batch: 460-57829
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31260.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 460-57829/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1816
Date Prepared: N/A

Analysis Batch: 460-57829
Prep Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS2
Lab File ID: b31261.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2-Hexanone	101	90	70 - 122	11	30		
Tetrachloroethene	96	95	80 - 120	0	30		
Toluene	95	94	75 - 115	1	30		
1,1,2,2-Tetrachloroethane	100	96	79 - 122	4	30		
Chlorobenzene	98	97	80 - 120	2	30		
Ethylbenzene	95	94	81 - 121	1	30		
Xylenes, Total	94	94	82 - 122	0	30		
Styrene	96	96	82 - 122	0	30		
1,2-Dibromo-3-Chloropropane	103	92	74 - 118	11	30		
1,3-Dichlorobenzene	96	95	80 - 120	1	30		
1,4-Dichlorobenzene	98	96	80 - 120	2	30		
1,2-Dichlorobenzene	92	92	80 - 120	0	30		
1,2,4-Trichlorobenzene	112	115	80 - 120	3	30		
1,2-Dibromoethane	101	98	75 - 117	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	95	70 - 138
Toluene-d8 (Surr)	98	98	66 - 126
Bromofluorobenzene	97	96	72 - 132

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 460-57829

Method: 8260B
Preparation: N/A

LCS Lab Sample ID: LCS 460-57829/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1753
Date Prepared: N/A

Units: ug/Kg

LCSD Lab Sample ID: LCSD 460-57829/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1816
Date Prepared: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Dichlorodifluoromethane	20.0	20.0	14.7	16.1
Chloromethane	20.0	20.0	18.0	17.9
Bromomethane	20.0	20.0	15.9	16.4
Vinyl chloride	20.0	20.0	18.5	18.6
Chloroethane	20.0	20.0	17.2	18.8
Trichlorofluoromethane	20.0	20.0	17.4	16.3
Freon TF	20.0	20.0	16.6	16.4
Methylene Chloride	20.0	20.0	19.2	18.9
Acetone	20.0	20.0	27.8	26.6
Carbon disulfide	20.0	20.0	19.0	18.3
Methyl acetate	20.0	20.0	18.3	17.6
1,1-Dichloroethene	20.0	20.0	18.8	19.3
1,1-Dichloroethane	20.0	20.0	19.5	19.1
cis-1,2-Dichloroethene	20.0	20.0	18.3	18.2
trans-1,2-Dichloroethene	20.0	20.0	18.6	18.5
MTBE	20.0	20.0	17.1	16.3
Chloroform	20.0	20.0	19.9	19.5
1,2-Dichloroethane	20.0	20.0	20.3	20.3
2-Butanone	20.0	20.0	18.9	18.5
1,1,1-Trichloroethane	20.0	20.0	19.2	18.4
Cyclohexane	20.0	20.0	16.1	15.9
Carbon tetrachloride	20.0	20.0	19.2	19.0
Bromodichloromethane	20.0	20.0	20.1	19.4
1,2-Dichloropropane	20.0	20.0	19.6	19.2
cis-1,3-Dichloropropene	20.0	20.0	19.0	18.4
Trichloroethene	20.0	20.0	18.5	18.1
Methylcyclohexane	20.0	20.0	15.8	15.7
Dibromochloromethane	20.0	20.0	20.9	20.0
1,1,2-Trichloroethane	20.0	20.0	20.4	19.5
Benzene	20.0	20.0	18.9	18.8
trans-1,3-Dichloropropene	20.0	20.0	20.3	19.9
Bromoform	20.0	20.0	17.0	16.5
Isopropylbenzene	20.0	20.0	20.3	20.1
4-Methyl-2-pentanone	20.0	20.0	19.5	18.5
2-Hexanone	20.0	20.0	20.1	18.1
Tetrachloroethene	20.0	20.0	19.1	19.1
Toluene	20.0	20.0	19.0	18.8
1,1,2,2-Tetrachloroethane	20.0	20.0	20.1	19.2
Chlorobenzene	20.0	20.0	19.7	19.3
Ethylbenzene	20.0	20.0	19.0	18.9
Xylenes, Total	60.0	60.0	56.6	56.6

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-57829**

**Method: 8260B
Preparation: N/A**

LCS Lab Sample ID: LCS 460-57829/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1753
Date Prepared: N/A

Units: ug/Kg

LCSD Lab Sample ID: LCSD 460-57829/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/07/2010 1816
Date Prepared: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Styrene	20.0	20.0	19.1	19.1
1,2-Dibromo-3-Chloropropane	20.0	20.0	20.7	18.5
1,3-Dichlorobenzene	20.0	20.0	19.2	19.0
1,4-Dichlorobenzene	20.0	20.0	19.5	19.2
1,2-Dichlorobenzene	20.0	20.0	18.4	18.4
1,2,4-Trichlorobenzene	20.0	20.0	22.4	23.0
1,2-Dibromoethane	20.0	20.0	20.2	19.6

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Method Blank - Batch: 460-57841

Lab Sample ID: MB 460-57841/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/07/2010 2312
Date Prepared: 12/07/2010 2312

Analysis Batch: 460-57841
Prep Batch: N/A
Units: ug/L

Method: 8260B Preparation: 5030B

Instrument ID: VOAMS8
Lab File ID: j95984.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
Freon TF	1.0	U	0.28	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
MTBE	1.0	U	0.18	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
Toluene	1.0	U	0.090	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Method Blank - Batch: 460-57841

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 460-57841/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/07/2010 2312
Date Prepared: 12/07/2010 2312

Analysis Batch: 460-57841
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS8
Lab File ID: j95984.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0
1,2-Dibromoethane	1.0	U	0.090	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 122
Toluene-d8 (Surr)	101	69 - 125
Bromofluorobenzene	106	69 - 135

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Control Sample - Batch: 460-57841

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 460-57841/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/07/2010 2222
Date Prepared: 12/07/2010 2222

Analysis Batch: 460-57841
Prep Batch: N/A
Units: ug/L

Instrument ID: VOAMS8
Lab File ID: j95982.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	15.2	76	46 - 145	
Chloromethane	20.0	16.1	80	58 - 146	
Bromomethane	20.0	18.2	91	55 - 153	
Vinyl chloride	20.0	17.8	89	61 - 144	
Chloroethane	20.0	21.0	105	69 - 145	
Trichlorofluoromethane	20.0	18.5	92	69 - 147	
Freon TF	20.0	18.6	93	47 - 139	
Methylene Chloride	20.0	18.8	94	79 - 119	
Acetone	20.0	19.5	97	45 - 156	
Carbon disulfide	20.0	19.0	95	58 - 139	
Methyl acetate	20.0	17.0	85	50 - 151	
1,1-Dichloroethene	20.0	19.7	98	56 - 139	
1,1-Dichloroethane	20.0	19.1	95	78 - 122	
cis-1,2-Dichloroethene	20.0	19.2	96	80 - 120	
trans-1,2-Dichloroethene	20.0	19.4	97	75 - 122	
MTBE	20.0	18.9	94	71 - 115	
Chloroform	20.0	18.8	94	82 - 123	
1,2-Dichloroethane	20.0	17.9	90	74 - 118	
2-Butanone	20.0	18.3	92	65 - 114	
1,1,1-Trichloroethane	20.0	19.0	95	74 - 128	
Cyclohexane	20.0	20.0	100	58 - 133	
Carbon tetrachloride	20.0	19.2	96	73 - 120	
Bromodichloromethane	20.0	19.3	96	79 - 119	
1,2-Dichloropropane	20.0	19.4	97	80 - 120	
cis-1,3-Dichloropropene	20.0	19.6	98	80 - 120	
Trichloroethene	20.0	19.1	95	78 - 119	
Methylcyclohexane	20.0	19.5	98	61 - 129	
Dibromochloromethane	20.0	20.1	101	80 - 120	
1,1,2-Trichloroethane	20.0	19.2	96	79 - 119	
Benzene	20.0	19.7	98	83 - 124	
trans-1,3-Dichloropropene	20.0	19.3	97	78 - 118	
Bromoform	20.0	20.4	102	73 - 123	
Isopropylbenzene	20.0	21.1	106	80 - 125	
4-Methyl-2-pentanone	20.0	19.7	99	53 - 120	
2-Hexanone	20.0	17.9	90	53 - 121	
Tetrachloroethene	20.0	21.1	105	68 - 139	
Toluene	20.0	19.2	96	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	24.4	122	74 - 126	
Chlorobenzene	20.0	18.5	93	81 - 121	
Ethylbenzene	20.0	19.7	98	79 - 126	
Xylenes, Total	60.0	60.4	101	76 - 121	
Styrene	20.0	20.0	100	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	16.5	83	70 - 116	
1,3-Dichlorobenzene	20.0	19.9	99	81 - 126	

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Control Sample - Batch: 460-57841

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 460-57841/3

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 12/07/2010 2222

Date Prepared: 12/07/2010 2222

Analysis Batch: 460-57841

Prep Batch: N/A

Units: ug/L

Instrument ID: VOAMS8

Lab File ID: j95982.d

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dichlorobenzene	20.0	20.0	100	83 - 123	
1,2-Dichlorobenzene	20.0	18.5	92	82 - 122	
1,2,4-Trichlorobenzene	20.0	20.0	100	66 - 120	
1,2-Dibromoethane	20.0	19.7	99	78 - 118	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		96		70 - 122	
Toluene-d8 (Surr)		97		69 - 125	
Bromofluorobenzene		93		69 - 135	

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-57841

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-20728-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0257
Date Prepared: 12/08/2010 0257

Analysis Batch: 460-57841
Prep Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j95993.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-20728-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0322
Date Prepared: 12/08/2010 0322

Analysis Batch: 460-57841
Prep Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j95994.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	81	78	46 - 145	3	30		
Chloromethane	90	92	58 - 146	2	30		
Bromomethane	98	95	55 - 153	3	30		
Vinyl chloride	100	95	61 - 144	5	30		
Chloroethane	121	110	69 - 145	10	30		
Trichlorofluoromethane	104	99	69 - 147	5	30		
Freon TF	104	92	47 - 139	12	30		
Methylene Chloride	99	94	79 - 119	5	30		
Acetone	104	89	45 - 156	16	30		
Carbon disulfide	73	70	58 - 139	5	30		
Methyl acetate	89	86	50 - 151	3	30		
1,1-Dichloroethene	111	100	56 - 139	10	30		
1,1-Dichloroethane	101	97	78 - 122	3	30		
cis-1,2-Dichloroethene	94	92	80 - 120	2	30		
trans-1,2-Dichloroethene	97	94	75 - 122	3	30		
MTBE	98	94	71 - 115	5	30		
Chloroform	96	94	82 - 123	3	30		
1,2-Dichloroethane	92	88	74 - 118	4	30		
2-Butanone	91	92	65 - 114	2	30		
1,1,1-Trichloroethane	99	96	74 - 128	3	30		
Cyclohexane	102	95	58 - 133	7	30		
Carbon tetrachloride	91	86	73 - 120	5	30		
Bromodichloromethane	94	89	79 - 119	6	30		
1,2-Dichloropropane	101	98	80 - 120	2	30		
cis-1,3-Dichloropropene	85	85	80 - 120	0	30		
Trichloroethene	73	66	78 - 119	5	30	F	F
Methylcyclohexane	101	89	61 - 129	12	30		
Dibromochloromethane	88	92	80 - 120	4	30		
1,1,2-Trichloroethane	100	99	79 - 119	0	30		
Benzene	101	97	83 - 124	4	30		
trans-1,3-Dichloropropene	84	88	78 - 118	5	30		
Bromoform	82	85	73 - 123	3	30		

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-57841

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-20728-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0257
Date Prepared: 12/08/2010 0257

Analysis Batch: 460-57841
Prep Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j95993.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-20728-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0322
Date Prepared: 12/08/2010 0322

Analysis Batch: 460-57841
Prep Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j95994.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Isopropylbenzene	108	106	80 - 125	2	30		
4-Methyl-2-pentanone	100	99	53 - 120	1	30		
2-Hexanone	94	96	53 - 121	2	30		
Tetrachloroethene	102	100	68 - 139	2	30		
Toluene	96	94	80 - 120	2	30		
1,1,2,2-Tetrachloroethane	121	120	74 - 126	1	30		
Chlorobenzene	93	92	81 - 121	0	30		
Ethylbenzene	106	98	79 - 126	8	30		
Xylenes, Total	101	99	76 - 121	2	30		
Styrene	101	98	69 - 112	3	30		
1,2-Dibromo-3-Chloropropane	77	78	70 - 116	1	30		
1,3-Dichlorobenzene	96	97	81 - 126	1	30		
1,4-Dichlorobenzene	99	93	83 - 123	6	30		
1,2-Dichlorobenzene	100	93	82 - 122	7	30		
1,2,4-Trichlorobenzene	85	84	66 - 120	1	30		
1,2-Dibromoethane	98	99	78 - 118	1	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	92		93	70 - 122			
Toluene-d8 (Surr)	93		94	69 - 125			
Bromofluorobenzene	90		91	69 - 135			

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-57841

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-20728-3
 Client Matrix: Water
 Dilution: 10
 Date Analyzed: 12/08/2010 0257
 Date Prepared: 12/08/2010 0257

Units: ug/L

MSD Lab Sample ID: 460-20728-3
 Client Matrix: Water
 Dilution: 10
 Date Analyzed: 12/08/2010 0322
 Date Prepared: 12/08/2010 0322

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	1.0 U		200	200	162	157
Chloromethane	1.0 U		200	200	181	183
Bromomethane	1.0 U		200	200	196	190
Vinyl chloride	1.0 U		200	200	201	191
Chloroethane	1.0 U		200	200	242	220
Trichlorofluoromethane	1.0 U		200	200	208	198
Freon TF	1.0 U		200	200	209	185
Methylene Chloride	1.0 U		200	200	199	188
Acetone	10 U		200	200	208	178
Carbon disulfide	1.0 U		200	200	147	140
Methyl acetate	2.0 U		200	200	179	172
1,1-Dichloroethene	1.0 U		200	200	221	201
1,1-Dichloroethane	1.0 U		200	200	202	195
cis-1,2-Dichloroethene	28		200	200	216	211
trans-1,2-Dichloroethene	0.56 J		200	200	195	189
MTBE	1.0 U		200	200	197	188
Chloroform	1.0 U		200	200	193	187
1,2-Dichloroethane	1.0 U		200	200	184	176
2-Butanone	10 U		200	200	181	184
1,1,1-Trichloroethane	1.0 U		200	200	198	193
Cyclohexane	1.0 U		200	200	204	190
Carbon tetrachloride	1.0 U		200	200	181	172
Bromodichloromethane	1.0 U		200	200	188	178
1,2-Dichloropropane	1.0 U		200	200	201	196
cis-1,3-Dichloropropene	1.0 U		200	200	170	170
Trichloroethene	160		200	200	303 F	289 F
Methylcyclohexane	1.0 U		200	200	202	178
Dibromochloromethane	1.0 U		200	200	176	183
1,1,2-Trichloroethane	1.0 U		200	200	200	199
Benzene	1.0 U		200	200	202	194
trans-1,3-Dichloropropene	1.0 U		200	200	168	177
Bromoform	1.0 U		200	200	163	169
Isopropylbenzene	1.0 U		200	200	217	212
4-Methyl-2-pentanone	10 U		200	200	199	198
2-Hexanone	10 U		200	200	189	193
Tetrachloroethene	1.0 U		200	200	204	199
Toluene	0.30 J		200	200	192	188
1,1,2,2-Tetrachloroethane	1.0 U		200	200	242	240
Chlorobenzene	1.0 U		200	200	185	185
Ethylbenzene	1.0 U		200	200	212	195
Xylenes, Total	3.0 U		600	600	606	591

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-57841

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-20728-3 Units: ug/L
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0257
Date Prepared: 12/08/2010 0257

MSD Lab Sample ID: 460-20728-3
Client Matrix: Water
Dilution: 10
Date Analyzed: 12/08/2010 0322
Date Prepared: 12/08/2010 0322

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Styrene	1.0	U	200	200	202	197
1,2-Dibromo-3-Chloropropane	1.0	U	200	200	155	156
1,3-Dichlorobenzene	1.0	U	200	200	192	193
1,4-Dichlorobenzene	1.0	U	200	200	198	186
1,2-Dichlorobenzene	1.0	U	200	200	201	186
1,2,4-Trichlorobenzene	1.0	U	200	200	170	169
1,2-Dibromoethane	1.0	U	200	200	196	198

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Duplicate - Batch: 460-57719

Method: Moisture
Preparation: N/A

Lab Sample ID: 460-20739-A-4 DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/06/2010 2154
Date Prepared: N/A

Analysis Batch: 460-57719
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	16.8	17.2	2	20	
Percent Solids	83.2	82.8	0.5	20	

DATA REPORTING QUALIFIERS

Client: GaiaTech Inc.

Job Number: 460-20728-1

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	H	Sample was prepped or analyzed beyond the specified holding time

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-57757					
LB3 460-57757/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	5035	
460-20728-1	GMW-2 (8-10)	T	Solid	5035	
460-20728-2	GMW-2 (10-12)	T	Solid	5035	
Analysis Batch:460-57829					
LCS 460-57829/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-57829/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-57829/5	Method Blank	T	Solid	8260B	
LB3 460-57757/1-A	Neutral Leach or MeOH Extraction Blank	T	Solid	8260B	460-57757
460-20728-1	GMW-2 (8-10)	T	Solid	8260B	460-57757
460-20728-2	GMW-2 (10-12)	T	Solid	8260B	460-57757
Analysis Batch:460-57841					
LCS 460-57841/3	Lab Control Sample	T	Water	8260B	
MB 460-57841/4	Method Blank	T	Water	8260B	
460-20728-3	GMW-2	T	Water	8260B	
460-20728-3MS	Matrix Spike	T	Water	8260B	
460-20728-3MSD	Matrix Spike Duplicate	T	Water	8260B	
460-20728-4	GMW-5	T	Water	8260B	
460-20728-5	GMW-3	T	Water	8260B	
460-20728-6	GMW-4	T	Water	8260B	
460-20728-7	GMW-1	T	Water	8260B	
460-20728-8	TB	T	Water	8260B	

Report Basis

T = Total

General Chemistry

Analysis Batch:460-57719					
460-20728-1	GMW-2 (8-10)	T	Solid	Moisture	
460-20728-2	GMW-2 (10-12)	T	Solid	Moisture	
460-20739-A-4 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

TestAmerica Edison

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Laboratory Chronicle

Lab ID: 460-20728-1

Client ID: GMW-2 (8-10)

Sample Date/Time: 12/03/2010 10:25

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-20728-A-1-B		460-57829	460-57757	12/07/2010 09:29	1	TAL EDI	MY
A:8260B	460-20728-A-1-B		460-57829	460-57757	12/07/2010 19:50	1	TAL EDI	EM
A:Moisture	460-20728-A-1		460-57719		12/06/2010 21:54	1	TAL EDI	ah

Lab ID: 460-20728-2

Client ID: GMW-2 (10-12)

Sample Date/Time: 12/03/2010 10:30

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-20728-A-2-B		460-57829	460-57757	12/07/2010 09:33	1	TAL EDI	MY
A:8260B	460-20728-A-2-B		460-57829	460-57757	12/07/2010 20:13	1	TAL EDI	EM
A:Moisture	460-20728-A-2		460-57719		12/06/2010 21:54	1	TAL EDI	ah

Lab ID: 460-20728-3

Client ID: GMW-2

Sample Date/Time: 12/03/2010 12:45

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-3		460-57841		12/08/2010 00:27	1	TAL EDI	EM
A:8260B	460-20728-B-3		460-57841		12/08/2010 00:27	1	TAL EDI	EM

Lab ID: 460-20728-3 MS

Client ID: GMW-2

Sample Date/Time: 12/03/2010 12:45

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-3 MS		460-57841		12/08/2010 02:57	10	TAL EDI	EM
A:8260B	460-20728-B-3 MS		460-57841		12/08/2010 02:57	10	TAL EDI	EM

Lab ID: 460-20728-3 MSD

Client ID: GMW-2

Sample Date/Time: 12/03/2010 12:45

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-3 MSD		460-57841		12/08/2010 03:22	10	TAL EDI	EM
A:8260B	460-20728-B-3 MSD		460-57841		12/08/2010 03:22	10	TAL EDI	EM

Lab ID: 460-20728-4

Client ID: GMW-5

Sample Date/Time: 12/04/2010 11:20

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-4		460-57841		12/08/2010 00:52	1	TAL EDI	EM
A:8260B	460-20728-B-4		460-57841		12/08/2010 00:52	1	TAL EDI	EM

TestAmerica Edison

A = Analytical Method P = Prep Method

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Laboratory Chronicle

Lab ID: 460-20728-5

Client ID: GMW-3

Sample Date/Time: 12/04/2010 12:50

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-5		460-57841		12/08/2010 02:32	1	TAL EDI	EM
A:8260B	460-20728-B-5		460-57841		12/08/2010 02:32	1	TAL EDI	EM

Lab ID: 460-20728-6

Client ID: GMW-4

Sample Date/Time: 12/04/2010 13:40

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-6		460-57841		12/08/2010 01:17	1	TAL EDI	EM
A:8260B	460-20728-B-6		460-57841		12/08/2010 01:17	1	TAL EDI	EM

Lab ID: 460-20728-7

Client ID: GMW-1

Sample Date/Time: 12/05/2010 09:45

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-B-7		460-57841		12/08/2010 01:42	1	TAL EDI	EM
A:8260B	460-20728-B-7		460-57841		12/08/2010 01:42	1	TAL EDI	EM

Lab ID: 460-20728-8

Client ID: TB

Sample Date/Time: 11/16/2010 00:00

Received Date/Time: 12/06/2010 12:01

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-20728-A-8		460-57841		12/08/2010 00:02	1	TAL EDI	EM
A:8260B	460-20728-A-8		460-57841		12/08/2010 00:02	1	TAL EDI	EM

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	MB 460-57829/5		460-57829		12/07/2010 19:27	1	TAL EDI	EM
P:5030B	MB 460-57841/4		460-57841		12/07/2010 23:12	1	TAL EDI	EM
A:8260B	MB 460-57841/4		460-57841		12/07/2010 23:12	1	TAL EDI	EM

Lab ID: LB3

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	LB3 460-57757/1-A		460-57829	460-57757	12/07/2010 09:26	1	TAL EDI	MY
A:8260B	LB3 460-57757/1-A		460-57829	460-57757	12/07/2010 20:59	1	TAL EDI	EM

Quality Control Results

Client: GaiaTech Inc.

Job Number: 460-20728-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCS 460-57829/3		460-57829		12/07/2010 17:53	1	TAL EDI	EM
P:5030B	LCS 460-57841/3		460-57841		12/07/2010 22:22	1	TAL EDI	EM
A:8260B	LCS 460-57841/3		460-57841		12/07/2010 22:22	1	TAL EDI	EM

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260B	LCSD 460-57829/4		460-57829		12/07/2010 18:16	1	TAL EDI	EM

Lab ID: DU

Client ID: N/A

Sample Date/Time: 11/30/2010 10:40

Received Date/Time: 12/06/2010 10:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-20739-A-4 DU		460-57719		12/06/2010 21:54	1	TAL EDI	ah

Lab References:

TAL EDI = TestAmerica Edison

Shipping and Receiving Documents

TAL-4124 (1007)

Client

Address 135 SOUTH LA SALLE SUITE 3500

City CHICAGO

State	Zip Code
IL	60603

Project Name and Location (State)

POESTENKILL (NY)

Contract/Purchase Order/Quote No.

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

207 28

Chain of Custody Number	178608
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Page 1 of

12/14/2010

Contract/Purchase Order/Quote No.			Matrix				Containers & Preservatives						VOCs	Conditions of Receipt		
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc2		NaOH		
GMW-2 (8-10)	12/03/10	1025				X	X							X	1	48 HR TAT
GMW-2 (10-12)	12/03/10	1030				X	X							X	2	48 HR TAT
GMW-2	12/03/10	1245	X							X				X	3	48 HR TAT
GMW-5	12/04/10	1120	X							X				X	4	48 HR TAT
GMW-3	12/04/10	1250	X							X				X	5	48 HR TAT
GMW-4	12/04/10	1340	X							X				X	6	48 HR TAT
GMW-1	12/04/10		X							X				X	7	48 HR TAT
GMW-1	12/05/10	0945	X							X				X	7	2 DAY (48 HR) TAT
T.B.	11/10/10														8	
In cooler not on COC																
CM 12/6/10																

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Turn Around Time Required **2 DAY (8 HRS) (AT REQUESTED)**
☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days

1. Relinquished By

Mike Dunt

2. Relinquished By

3. Relinquished By

Comments

Sample Disposal

☐ *Return To Client*

QC Requirements (Specify)

~~PAT 7248~~ NENE

1. Received By _____

Allen

2. Received By

3. Received By _____

(A fee may be assessed if samples are held longer than 1 month)

**48 hr
RUSH**

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Check List

Client: GaiaTech Inc.

Job Number: 460-20728-1

Login Number: 20728
Creator: Meyers, Gary
List Number: 1

List Source: TestAmerica Edison

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1 °C IR #50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

APPENDIX B
WASTE REPORT MANIFEST

Waste Report: Detailed

This report prints the contents of box 11 and box J for all selected manifest line items. Each manifest line item is detailed on a separate line in this report. The manifests are sorted by date.

Filtered by:

Generator Name: Dynamic Systems, Inc.

Generator Address: Poestenkill, NY 12140

Waste Report: Detailed

State Manifest # and Date / /	Generator Dynamic Systems, Inc. NYD002073047	Transporter Precision Industrial Maint., Inc. NY0001031814	TSD Facility Precision Industrial NY0001031814
----------------------------------	--	--	--

Non-RCRA Non-DOT Regulated Solid (crusher run)	No.	Type	Quantity	Units
	001	CM	0003000	P

State Manifest # and Date BAL-2012-026 02/15/2012	Generator Dynamic Systems, Inc. NYD002073047	Transporter Precision Industrial Maint., Inc. NY0001031814	TSD Facility City of Albany Landfill N/A
---	--	--	--

Construction Debris	Construction Debris 13.55 Tons	No.	Type	Quantity	Units
		001	CM	0000014	T

State Manifest # and Date BC-2012-026 02/17/2012	Generator Dynamic Systems, Inc. NYD002073047	Transporter Precision Industrial Maint., Inc. NY0001031814	TSD Facility Cycle Chem, Inc. NJD002200046
--	--	--	--

Non RCRA Non DOT Regulated Liquid (excavation water)	SEE PROFILE 3 x totes (excavation water)	No.	Type	Quantity	Units
		003	TP	0000800	G

State Manifest # and Date 008900992JJJ 02/23/2012	Generator Dynamic Systems, Inc. NYD002073047	Transporter Precision Industrial Maint., Inc. NY0001031814	TSD Facility CWM Chemical Services, LLC NYD049836679
---	--	--	--

NA3077, Hazardous waste, solid, n.o.s. 9, PGIII (trichloroethene, acetone)	SEE PROFILE ERG# 171 (soil w/low level solvents)	No.	Type	Quantity	Units	F001
		001	CM	0013640	P	F003 L

State Manifest # and Date 008900994JJJ 02/27/2012	Generator Dynamic Systems, Inc. NYD002073047	Transporter Precision Industrial Maint., Inc. NY0001031814	TSD Facility Cycle Chem, Inc NJD002200046
---	--	--	---

NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (trichloroethylene)	SEE PROFILE ERG# 171 3x (TCE contaminated water)	No.	Type	Quantity	Units	F001
		003	DM	0000950	P	T



CITY OF ALBANY
DEPARTMENT OF GENERAL SERVICES
Rapp Road Waste Management Facility
525 Rapp Rd • Albany, N.Y. 12205
(518) 869-3651

006019 Precision Industrial Maint.
1710 Erie Blvd.
Schenectady NY 12308

SITE	TICKET	GRID		WEIGHMASTER	
02	464794	NON SHRED		BRENDA	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
02/15/12	02/15/12	09:51	10:19	7001	
REFERENCE		ORIGIN			
0000		SCHENECTADY			

Scale 1 Gross Wt. 58100 LB
Scale 2 Tare Wt. 31000 LB
Net Weight 27100 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
13.55	TONS	Construction & Demo	54.00	731.70	0.00	731.70

Operating hours: 7 am to 3 pm, Monday - Friday

THIS IS TO CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY
NON ACCEPTABLE MATERIALS AS DEFINED BY LANDFILL PERMIT
AGREEMENT

NET AMOUNT

731.70

TENDERED

CHANGE

CHECK NO.

LOT # 0000

SIGNATURE

1. CONSTRUCTION DEBRIS

2.

4.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name

Signature

Month Day Year

David Ferguson

[Signature]

2/15/12

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Rich Robinson

[Signature]

2/15/12

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

HAZARDOUS
MANIFEST

1. Generator ID Number

NYD002073047

2. Page 1 of

1

3. Emergency Response Phone

(888)888-7464

4. Waste Tracking Number

00026

Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Dynamic Systems, Inc.
323 New York State Route 355

SAME

Generator's Phone: 518 283-5350

Praetentkill NY 12140

6. Transporter 1 Company Name

Precision Industrial Maint., Inc.

(518) 346-6800

U.S. EPA ID Number

NY0001031814

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

City of Albany Landfill
525 Rapp Road
Albany NY 12205

Facility's Phone: (518) 869-3551

N/A

9. Waste Shipping Name and Description

10. Containers

11. Total
Quantity

12. Unit
Wt./Vol.

State Codes

HM

1. Construction Debris

001

006

CM

T

2.

3.

4.

13. Special Handling Instructions and Additional Information

1. Construction Debris

3.

NYSDEC#4A285 Trans #1 Truck # 36095PA

2.

4.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name

Signature

Month Day Year

David Ferguson

[Signature]

2 15 12

INT'L

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Rich Robinson

[Signature]

2 15 12

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

[Signature]

DESIGNATED FACILITY

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

BOL131803A

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD803673247	2. Page 1 of 1	3. Emergency Response Phone (888)888-7464	4. Waste Tracking Number 00028	
5. Generator's Name and Mailing Address Dynamic Systems, Inc. 323 New York State Route 355 Generator's Phone: 518 283-5350			Generator's Site Address (if different than mailing address) Poestenkill NY 12140 SAME			
6. Transporter 1 Company Name Precision Industrial Maint., Inc.			(518) 346-5800		U.S. EPA ID Number NY0001031814	
7. Transporter 2 Company Name Clean Venture, Inc.			(908) 355-5800		U.S. EPA ID Number NJ0000027198	
8. Designated Facility Name and Site Address Cycle Chem, Inc. 217 South First Street Elizabeth NJ 07206 Facility's Phone: (908) 355-5800			U.S. EPA ID Number NJ002200046			
GENERATOR	9. Waste Shipping Name and Description	10. Containers	11. Total Quantity	12. Unit Wt./Vol.	State Codes	
		No. Type				
	1. Non RCRA Non DOT Regulated Liquid (excavation water)	003 001 CF	800	G	NJ-1072	
	2.					
	3.					
TRANSPORTER	4.					
	13. Special Handling Instructions and Additional Information 1. SEE PROFILE (excavation water) 3xTotes 2. Lemoo2-2 3. NYSDEC#4A285 Trans #1 Truck # 36095PA 4. 962078					
INT'L	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
	Generator's/Offoror's Printed/Typed Name David Ferguson		Signature [Signature]		Month Day Year 2 15 12	
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Keith Robinson Signature: [Signature] Month Day Year: 2 15 12 Transporter 2 Printed/Typed Name: Luis R. Ortiz Signature: [Signature] Month Day Year: 2 17 12					
DESIGNATED FACILITY	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Manifest Reference Number: U.S. EPA ID Number:					
	17b. Alternate Facility (or Generator) Facility's Phone: 17c. Signature of Alternate Facility (or Generator) Month Day Year:					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name: Alicia Gibson Signature: [Signature] Month Day Year: 2 17 12						

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYC 001073047	2. Page 1 of 1	3. Emergency Response Phone 800-255-3934	4. Manifest Tracking Number 008900994 JJK			
5. Generator's Name and Mailing Address Dynamic Systems, Inc 323 New York State Route 355			Generator's Site Address (if different than mailing address) SAME					
Generator's Phone: 518 283-5350 Poestenkill NY 12140								
6. Transporter 1 Company Name Precision Industrial Maint., Inc.			(518) 346-5800		U.S. EPA ID Number NY0001031814			
7. Transporter 2 Company Name Clean Venture, Inc.			(908) 355-5800		U.S. EPA ID Number NJ0000027193			
8. Designated Facility Name and Site Address Cycle Chem, Inc 217 South First Street Elizabeth NJ 07206			U.S. EPA ID Number NJ0002200046					
Facility's Phone: (908) 355-5800								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1NA3082, Hazardous waste, liquid, n.o.s. 9, PGIII (trichloroethylene)	3	DM	950	P	T	
							F001	
14. Special Handling Instructions and Additional Information 1. SEE PROFILE ERG# 171 (TCE contaminated water) 3855 3. 2. 4. ERS=Chemtel, Inc MIS# 0006506 a. (add'l codes) 962074 00026								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name David Ferguson Signature Month Day Year 12/17/12								
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Transporter signature (for exports only): Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name James S. Luke Signature Month Day Year 12/17/12								
Transporter 2 Printed/Typed Name Raul Guzman Signature Month Day Year 12/27/12								
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141 2. 3. 4.								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name Theresa Cohen Signature Month Day Year 12/17/12								

BACK

TRANSPORTER'S COPY

APPENDIX C
LABORATORY DATA PACKAGE
SOIL AND GROUNDWATER, FEBRUARY 2012

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209

Mailing: Box 169 * Syracuse, NY 13206

Albany (518) 459-3134 * Binghamton (607) 239-4413 * Buffalo (716) 972-0371

Rochester (866) 437-0255 * New Jersey (908) 581-4285

Mr. Frank Peduto
Spectra Environmental
19 British American Blvd.
Latham, NY 12110

Tuesday, February 28, 2012

RE: Analytical Report:
DSI Systems Inc.

Order No.: U1202377

Dear Mr. Frank Peduto:

Upstate Laboratories, Inc. received 13 sample(s) on 2/15/2012 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

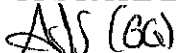
We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.



Anthony J. Scala
President/CEO

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental
Project: DSI Systems Inc.

Lab Order: U1202377

Lab ID: U1202377-001
Client Sample ID: Pit- East Wall

Collection Date: 2/14/2012 11:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B		8260ASP05_S		Analyst: LEF		
1,1,1-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,1,2,2-Tetrachloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,1,2-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,1-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,1-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2,3-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2,4-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2,4-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2-Dibromo-3-chloropropane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2-Dibromoethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,2-Dichloropropane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,3,5-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,3-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,4-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
1,4-Dioxane	ND	110		µg/Kg-dry	1	2/17/2012 1:31:00 PM
2-Butanone	ND	11		µg/Kg-dry	1	2/17/2012 1:31:00 PM
2-Hexanone	ND	11		µg/Kg-dry	1	2/17/2012 1:31:00 PM
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Acetone	ND	11		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Benzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Bromochloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Bromodichloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Bromoform	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Bromomethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Carbon disulfide	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Carbon tetrachloride	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Chlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Chloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Chloroform	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Chloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
cis-1,2-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
cis-1,3-Dichloropropene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Cyclohexane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Dibromochloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Dichlorodifluoromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM
Ethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 1:31:00 PM

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Isopropylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
m,p-Xylene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Methyl Acetate	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Methyl tert-butyl ether	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Methylcyclohexane	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Methylene chloride	5.5	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
n-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
n-Propylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
o-Xylene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
sec-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Styrene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
tert-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Tetrachloroethene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Toluene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
trans-1,2-Dichloroethene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
trans-1,3-Dichloropropene	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Trichloroethene	65	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Trichlorofluoromethane	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM
Vinyl chloride	ND	5.4	µg/Kg-dry	1	2/17/2012 1:31:00 PM

NOTES:

TICS: No compounds were detected.

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: CAC

Percent Moisture	7.22	0.0100	wt%	1	2/21/2012
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Approved By:

GG

Date:

2/28/12

Page 2 of 26

Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-002

Collection Date: 2/14/2012 11:17:00 AM

Client Sample ID: Pit- West Wall

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B				8260ASP05_S		Analyst: LEF
1,1,1-Trichloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,1,2,2-Tetrachloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,1,2-Trichloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,1-Dichloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,1-Dichloroethene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2,3-Trichlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2,4-Trichlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2,4-Trimethylbenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2-Dibromo-3-chloropropane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2-Dibromoethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2-Dichlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2-Dichloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,2-Dichloropropane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,3,5-Trimethylbenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,3-Dichlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,4-Dichlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
1,4-Dioxane	ND	590		µg/Kg-dry	5	2/22/2012 2:08:00 PM
2-Butanone	ND	59		µg/Kg-dry	5	2/22/2012 2:08:00 PM
2-Hexanone	ND	59		µg/Kg-dry	5	2/22/2012 2:08:00 PM
4-Methyl-2-pentanone	ND	59		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Acetone	ND	59		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Benzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Bromochloromethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Bromodichloromethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Bromoform	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Bromomethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Carbon disulfide	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Carbon tetrachloride	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Chlorobenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Chloroethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Chloroform	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Chloromethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
cis-1,2-Dichloroethene	20	29	J	µg/Kg-dry	5	2/22/2012 2:08:00 PM
cis-1,3-Dichloropropene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Cyclohexane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Dibromochloromethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Dichlorodifluoromethane	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM
Ethylbenzene	ND	29		µg/Kg-dry	5	2/22/2012 2:08:00 PM

Approved By:

EG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Isopropylbenzene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
m,p-Xylene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Methyl Acetate	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Methyl tert-butyl ether	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Methylcyclohexane	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Methylene chloride	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
n-Butylbenzene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
n-Propylbenzene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
o-Xylene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
sec-Butylbenzene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Styrene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
tert-Butylbenzene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Tetrachloroethene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Toluene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
trans-1,2-Dichloroethene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
trans-1,3-Dichloropropene	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Trichloroethene	460	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Trichlorofluoromethane	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM
Vinyl chloride	ND	29	µg/Kg-dry	5	2/22/2012 2:08:00 PM

NOTES:

The reporting limits were raised due to the high concentration of target compounds.

TICS: No compounds were detected.

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: CAC

Percent Moisture	14.9	0.0100	wt%	1	2/21/2012
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Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-003

Collection Date: 2/14/2012 11:19:00 AM

Client Sample ID: Pit- Bottom - 3/MS/MSD

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B		8260ASP05_S		Analyst: LEF		
1,1,1-Trichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,1,2,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,1,2-Trichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,1-Dichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,1-Dichloroethene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2,3-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2,4-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2,4-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2-Dibromo-3-chloropropane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2-Dibromoethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2-Dichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,3,5-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,3-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,4-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
1,4-Dioxane	ND	120		µg/Kg-dry	1	2/21/2012 6:44:00 PM
2-Butanone	ND	12		µg/Kg-dry	1	2/21/2012 6:44:00 PM
2-Hexanone	ND	12		µg/Kg-dry	1	2/21/2012 6:44:00 PM
4-Methyl-2-pentanone	28	12		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Acetone	ND	12		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Benzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Bromochloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Bromodichloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Bromoform	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Bromomethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Carbon disulfide	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Carbon tetrachloride	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Chlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Chloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Chloroform	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Chloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
cis-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
cis-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Cyclohexane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Dibromochloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Dichlorodifluoromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM
Ethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 6:44:00 PM

Approved By:

EG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Isopropylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
m,p-Xylene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Methyl Acetate	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Methyl tert-butyl ether	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Methylcyclohexane	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Methylene chloride	13	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
n-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
n-Propylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
o-Xylene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
sec-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Styrene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
tert-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Tetrachloroethene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Toluene	3.3	5.8	J µg/Kg-dry	1	2/21/2012 6:44:00 PM
trans-1,2-Dichloroethene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
trans-1,3-Dichloropropene	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Trichloroethene	39	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Trichlorofluoromethane	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
Vinyl chloride	ND	5.8	µg/Kg-dry	1	2/21/2012 6:44:00 PM
TIC: unknown	7.1	0	µg/Kg-dry	1	2/21/2012 6:44:00 PM

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: CAC

Percent Moisture	14.3	0.0100	wt%	1	2/21/2012
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Approved By:

EG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-004

Collection Date: 2/14/2012 11:23:00 AM

Client Sample ID: Pit- North Wall

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B			8260ASP05_S		Analyst: LEF	
1,1,1-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,1,2,2-Tetrachloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,1,2-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,1-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,1-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2,3-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2,4-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2,4-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2-Dibromo-3-chloropropane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2-Dibromoethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,2-Dichloropropane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,3,5-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,3-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,4-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
1,4-Dioxane	ND	110		µg/Kg-dry	1	2/17/2012 3:31:00 PM
2-Butanone	ND	11		µg/Kg-dry	1	2/17/2012 3:31:00 PM
2-Hexanone	ND	11		µg/Kg-dry	1	2/17/2012 3:31:00 PM
4-Methyl-2-pentanone	ND	11		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Acetone	ND	11		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Benzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Bromochloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Bromodichloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Bromoform	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Bromomethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Carbon disulfide	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Carbon tetrachloride	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Chlorobenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Chloroethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Chloroform	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Chloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
cis-1,2-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
cis-1,3-Dichloropropene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Cyclohexane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Dibromochloromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Dichlorodifluoromethane	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM
Ethylbenzene	ND	5.4		µg/Kg-dry	1	2/17/2012 3:31:00 PM

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Isopropylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
m,p-Xylene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Methyl Acetate	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Methyl tert-butyl ether	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Methylcyclohexane	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Methylene chloride	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
n-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
n-Propylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
o-Xylene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
sec-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Styrene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
tert-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Tetrachloroethene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Toluene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
trans-1,2-Dichloroethene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
trans-1,3-Dichloropropene	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Trichloroethene	120	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Trichlorofluoromethane	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM
Vinyl chloride	ND	5.4	µg/Kg-dry	1	2/17/2012 3:31:00 PM

NOTES:

TICS: No compounds were detected.

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: KLS

Percent Moisture	7.63	0.0100	wt%	1	2/21/2012
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Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-005

Collection Date: 2/14/2012 11:25:00 AM

Client Sample ID: Pit- Bottom

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B		8260ASP05_S		Analyst: LEF		
1,1,1-Trichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,1,2,2-Tetrachloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,1,2-Trichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,1-Dichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,1-Dichloroethene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2,3-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2,4-Trichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2,4-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2-Dibromo-3-chloropropane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2-Dibromoethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2-Dichloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,2-Dichloropropane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,3,5-Trimethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,3-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,4-Dichlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
1,4-Dioxane	ND	120		µg/Kg-dry	1	2/21/2012 7:29:00 PM
2-Butanone	ND	12		µg/Kg-dry	1	2/21/2012 7:29:00 PM
2-Hexanone	ND	12		µg/Kg-dry	1	2/21/2012 7:29:00 PM
4-Methyl-2-pentanone	79	12		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Acetone	ND	12		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Benzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Bromochloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Bromodichloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Bromoform	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Bromomethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Carbon disulfide	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Carbon tetrachloride	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Chlorobenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Chloroethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Chloroform	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Chloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
cis-1,2-Dichloroethene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
cis-1,3-Dichloropropene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Cyclohexane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Dibromochloromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Dichlorodifluoromethane	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM
Ethylbenzene	ND	5.8		µg/Kg-dry	1	2/21/2012 7:29:00 PM

Approved By: BBDate: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Isopropylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
m,p-Xylene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Methyl Acetate	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Methyl tert-butyl ether	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Methylcyclohexane	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Methylene chloride	15	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
n-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
n-Propylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
o-Xylene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
sec-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Styrene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
tert-Butylbenzene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Tetrachloroethene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Toluene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
trans-1,2-Dichloroethene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
trans-1,3-Dichloropropene	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Trichloroethene	33	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Trichlorofluoromethane	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
Vinyl chloride	ND	5.8	µg/Kg-dry	1	2/21/2012 7:29:00 PM
TIC: unknown	8.6	0	µg/Kg-dry	1	2/21/2012 7:29:00 PM

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: KLS

Percent Moisture	13.4	0.0100	wt%	1	2/21/2012
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Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-006

Collection Date: 2/14/2012 11:27:00 AM

Client Sample ID: Pit- South Wall

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B		8260ASP05_S		Analyst: LEF		
1,1,1-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,1,2,2-Tetrachloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,1,2-Trichloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,1-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,1-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2,3-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2,4-Trichlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2,4-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2-Dibromo-3-chloropropane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2-Dibromoethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2-Dichloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,2-Dichloropropane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,3,5-Trimethylbenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,3-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,4-Dichlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
1,4-Dioxane	ND	110		µg/Kg-dry	1	2/21/2012 8:13:00 PM
2-Butanone	ND	11		µg/Kg-dry	1	2/21/2012 8:13:00 PM
2-Hexanone	ND	11		µg/Kg-dry	1	2/21/2012 8:13:00 PM
4-Methyl-2-pentanone	54	11		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Acetone	ND	11		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Benzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Bromochloromethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Bromodichloromethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Bromoform	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Bromomethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Carbon disulfide	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Carbon tetrachloride	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Chlorobenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Chloroethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Chloroform	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Chloromethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
cis-1,2-Dichloroethene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
cis-1,3-Dichloropropene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Cyclohexane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Dibromochloromethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Dichlorodifluoromethane	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM
Ethylbenzene	ND	5.4		µg/Kg-dry	1	2/21/2012 8:13:00 PM

Approved By:

EG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN SOIL BY METHOD 8260B

8260ASP05_S

Analyst: LEF

Freon-113	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Isopropylbenzene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
m,p-Xylene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Methyl Acetate	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Methyl tert-butyl ether	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Methylcyclohexane	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Methylene chloride	14	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
n-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
n-Propylbenzene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
o-Xylene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
sec-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Styrene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
tert-Butylbenzene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Tetrachloroethene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Toluene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
trans-1,2-Dichloroethene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
trans-1,3-Dichloropropene	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Trichloroethene	15	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Trichlorofluoromethane	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM
Vinyl chloride	ND	5.4	µg/Kg-dry	1	2/21/2012 8:13:00 PM

NOTES:

TICS: No compounds were detected.

PERCENT MOISTURE BY ASTM D2216

PMOIST

Analyst: KLS

Percent Moisture	6.76	0.0100	wt%	1	2/21/2012
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Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-007

Collection Date: 2/14/2012

Client Sample ID: ULI Trip Blank

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
1,4-Dioxane	ND	100		µg/L	1	2/17/2012 1:26:00 PM
2-Butanone	ND	10		µg/L	1	2/17/2012 1:26:00 PM
2-Hexanone	ND	10		µg/L	1	2/17/2012 1:26:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/17/2012 1:26:00 PM
Acetone	ND	10		µg/L	1	2/17/2012 1:26:00 PM
Benzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Bromochloromethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Bromoform	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Bromomethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Carbon disulfide	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Chlorobenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Chloroethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Chloroform	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Chloromethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Cyclohexane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM
Ethylbenzene	ND	5.0		µg/L	1	2/17/2012 1:26:00 PM

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Isopropylbenzene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
m,p-Xylene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Methyl Acetate	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Methyl tert-butyl ether	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Methylcyclohexane	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Methylene chloride	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
n-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
n-Propylbenzene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
o-Xylene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
sec-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Styrene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
tert-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Tetrachloroethene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Toluene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
trans-1,3-Dichloropropene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Trichloroethene	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Trichlorofluoromethane	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM
Vinyl chloride	ND	5.0	µg/L	1	2/17/2012 1:26:00 PM

NOTES:

TICS: No compounds were detected.

Approved By: BB

Date: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental
Project: DSI Systems Inc.

Lab Order: U1202377

Lab ID: U1202377-008
Client Sample ID: Holding Blank - Soil

Collection Date: 2/15/2012 10:36:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
1,4-Dioxane	ND	100		µg/L	1	2/17/2012 2:12:00 PM
2-Butanone	ND	10		µg/L	1	2/17/2012 2:12:00 PM
2-Hexanone	ND	10		µg/L	1	2/17/2012 2:12:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/17/2012 2:12:00 PM
Acetone	ND	10		µg/L	1	2/17/2012 2:12:00 PM
Benzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Bromochloromethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Bromoform	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Bromomethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Carbon disulfide	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Chlorobenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Chloroethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Chloroform	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Chloromethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Cyclohexane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM
Ethylbenzene	ND	5.0		µg/L	1	2/17/2012 2:12:00 PM

Approved By:



Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Isopropylbenzene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
m,p-Xylene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Methyl Acetate	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Methyl tert-butyl ether	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Methylcyclohexane	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Methylene chloride	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
n-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
n-Propylbenzene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
o-Xylene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
sec-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Styrene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
tert-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Tetrachloroethene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Toluene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
trans-1,3-Dichloropropene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Trichloroethene	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Trichlorofluoromethane	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM
Vinyl chloride	ND	5.0	µg/L	1	2/17/2012 2:12:00 PM

NOTES:

TICS: No compounds were detected.

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-009

Collection Date: 2/14/2012 11:36:00 AM

Client Sample ID: MW-2

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,1,2,2-Tetrachloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,1,2-Trichloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,1-Dichloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,1-Dichloroethene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2,3-Trichlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2,4-Trichlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2,4-Trimethylbenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2-Dibromo-3-chloropropane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2-Dibromoethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2-Dichlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2-Dichloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,2-Dichloropropane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,3,5-Trimethylbenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,3-Dichlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,4-Dichlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
1,4-Dioxane	ND	1000		µg/L	10	2/21/2012 2:05:00 PM
2-Butanone	ND	100		µg/L	10	2/21/2012 2:05:00 PM
2-Hexanone	ND	100		µg/L	10	2/21/2012 2:05:00 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	2/21/2012 2:05:00 PM
Acetone	ND	100		µg/L	10	2/21/2012 2:05:00 PM
Benzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Bromochloromethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Bromodichloromethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Bromoform	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Bromomethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Carbon disulfide	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Carbon tetrachloride	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Chlorobenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Chloroethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Chloroform	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Chloromethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
cis-1,2-Dichloroethene	86	50		µg/L	10	2/21/2012 2:05:00 PM
cis-1,3-Dichloropropene	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Cyclohexane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Dibromochloromethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Dichlorodifluoromethane	ND	50		µg/L	10	2/21/2012 2:05:00 PM
Ethylbenzene	ND	50		µg/L	10	2/21/2012 2:05:00 PM

Approved By:

GB

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Isopropylbenzene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
m,p-Xylene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Methyl Acetate	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Methyl tert-butyl ether	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Methylcyclohexane	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Methylene chloride	ND	50	µg/L	10	2/21/2012 2:05:00 PM
n-Butylbenzene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
n-Propylbenzene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
o-Xylene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
sec-Butylbenzene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Styrene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
tert-Butylbenzene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Tetrachloroethene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Toluene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
trans-1,2-Dichloroethene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
trans-1,3-Dichloropropene	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Trichloroethene	840	50	µg/L	10	2/21/2012 2:05:00 PM
Trichlorofluoromethane	ND	50	µg/L	10	2/21/2012 2:05:00 PM
Vinyl chloride	ND	50	µg/L	10	2/21/2012 2:05:00 PM

NOTES:

The reporting limits were raised due to the high concentration of target compounds.

TICS: No compounds were detected.

Approved By: EB

Date: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-010

Collection Date: 2/14/2012 12:34:00 PM

Client Sample ID: MW-3

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260				8260ASP05_W	Analyst: EMZ	
1,1,1-Trichloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,1,2-Trichloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,1-Dichloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,1-Dichloroethene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2-Dibromoethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2-Dichloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,2-Dichloropropane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
1,4-Dioxane	ND	200		µg/L	2	2/21/2012 2:52:00 PM
2-Butanone	ND	20		µg/L	2	2/21/2012 2:52:00 PM
2-Hexanone	ND	20		µg/L	2	2/21/2012 2:52:00 PM
4-Methyl-2-pentanone	ND	20		µg/L	2	2/21/2012 2:52:00 PM
Acetone	ND	20		µg/L	2	2/21/2012 2:52:00 PM
Benzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Bromochloromethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Bromodichloromethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Bromoform	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Bromomethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Carbon disulfide	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Carbon tetrachloride	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Chlorobenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Chloroethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Chloroform	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Chloromethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
cis-1,2-Dichloroethene	210	10		µg/L	2	2/21/2012 2:52:00 PM
cis-1,3-Dichloropropene	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Cyclohexane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Dibromochloromethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Dichlorodifluoromethane	ND	10		µg/L	2	2/21/2012 2:52:00 PM
Ethylbenzene	ND	10		µg/L	2	2/21/2012 2:52:00 PM

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Isopropylbenzene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
m,p-Xylene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Methyl Acetate	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Methyl tert-butyl ether	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Methylcyclohexane	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Methylene chloride	ND	10	µg/L	2	2/21/2012 2:52:00 PM
n-Butylbenzene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
n-Propylbenzene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
o-Xylene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
sec-Butylbenzene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Styrene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
tert-Butylbenzene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Tetrachloroethene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Toluene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
trans-1,2-Dichloroethene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
trans-1,3-Dichloropropene	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Trichloroethene	300	10	µg/L	2	2/21/2012 2:52:00 PM
Trichlorofluoromethane	ND	10	µg/L	2	2/21/2012 2:52:00 PM
Vinyl chloride	ND	10	µg/L	2	2/21/2012 2:52:00 PM

NOTES:

The reporting limits were raised due to the high concentration of target compounds.

TICS: No compounds were detected.

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-011

Collection Date: 2/14/2012 1:30:00 PM

Client Sample ID: MW-1

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
1,4-Dioxane	ND	100		µg/L	1	2/17/2012 4:33:00 PM
2-Butanone	ND	10		µg/L	1	2/17/2012 4:33:00 PM
2-Hexanone	ND	10		µg/L	1	2/17/2012 4:33:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/17/2012 4:33:00 PM
Acetone	ND	10		µg/L	1	2/17/2012 4:33:00 PM
Benzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Bromochloromethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Bromoform	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Bromomethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Carbon disulfide	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Chlorobenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Chloroethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Chloroform	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Chloromethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Cyclohexane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM
Ethylbenzene	ND	5.0		µg/L	1	2/17/2012 4:33:00 PM

Approved By:

AG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental
Project: DSI Systems Inc.

Lab Order: U1202377

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Isopropylbenzene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
m,p-Xylene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Methyl Acetate	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Methyl tert-butyl ether	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Methylcyclohexane	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Methylene chloride	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
n-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
n-Propylbenzene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
o-Xylene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
sec-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Styrene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
tert-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Tetrachloroethene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Toluene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
trans-1,3-Dichloropropene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Trichloroethene	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Trichlorofluoromethane	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM
Vinyl chloride	ND	5.0	µg/L	1	2/17/2012 4:33:00 PM

NOTES:

TICS: No compounds were detected.

Approved By: 

Date: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental
Project: DSI Systems Inc.

Lab Order: U1202377

Lab ID: U1202377-012

Collection Date: 2/14/2012

Client Sample ID: ULI Trip Blank

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
1,4-Dioxane	ND	100		µg/L	1	2/17/2012 5:19:00 PM
2-Butanone	ND	10		µg/L	1	2/17/2012 5:19:00 PM
2-Hexanone	ND	10		µg/L	1	2/17/2012 5:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/17/2012 5:19:00 PM
Acetone	ND	10		µg/L	1	2/17/2012 5:19:00 PM
Benzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Bromochloromethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Bromoform	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Bromomethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Carbon disulfide	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Chlorobenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Chloroethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Chloroform	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Chloromethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Cyclohexane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM
Ethylbenzene	ND	5.0		µg/L	1	2/17/2012 5:19:00 PM

Approved By:

AG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Isopropylbenzene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
m,p-Xylene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Methyl Acetate	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Methyl tert-butyl ether	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Methylcyclohexane	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Methylene chloride	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
n-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
n-Propylbenzene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
o-Xylene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
sec-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Styrene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
tert-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Tetrachloroethene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Toluene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
trans-1,3-Dichloropropene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Trichloroethene	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Trichlorofluoromethane	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM
Vinyl chloride	ND	5.0	µg/L	1	2/17/2012 5:19:00 PM

NOTES:

TICS: No compounds were detected.

Approved By: GA

Date: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
B Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.**Analytical Report**

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

Lab ID: U1202377-013

Collection Date: 2/15/2012 10:37:00 AM

Client Sample ID: Holding Blank - Water

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		8260ASP05_W		Analyst: EMZ		
1,1,1-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
1,4-Dioxane	ND	100		µg/L	1	2/17/2012 6:05:00 PM
2-Butanone	ND	10		µg/L	1	2/17/2012 6:05:00 PM
2-Hexanone	ND	10		µg/L	1	2/17/2012 6:05:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	2/17/2012 6:05:00 PM
Acetone	ND	10		µg/L	1	2/17/2012 6:05:00 PM
Benzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Bromochloromethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Bromoform	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Bromomethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Carbon disulfide	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Chlorobenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Chloroethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Chloroform	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Chloromethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Cyclohexane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM
Ethylbenzene	ND	5.0		µg/L	1	2/17/2012 6:05:00 PM

Approved By:

GG

Date:

2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 28-Feb-12

CLIENT: Spectra Environmental

Lab Order: U1202377

Project: DSI Systems Inc.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260

8260ASP05_W

Analyst: EMZ

Freon-113	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Isopropylbenzene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
m,p-Xylene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Methyl Acetate	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Methyl tert-butyl ether	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Methylcyclohexane	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Methylene chloride	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
n-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
n-Propylbenzene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
o-Xylene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
sec-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Styrene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
tert-Butylbenzene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Tetrachloroethene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Toluene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
trans-1,2-Dichloroethene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
trans-1,3-Dichloropropene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Trichloroethene	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Trichlorofluoromethane	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM
Vinyl chloride	ND	5.0	µg/L	1	2/17/2012 6:05:00 PM

NOTES:

TICS: No compounds were detected.

Approved By: 

Date: 2/28/12

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Chain of Custody Record

Phone (315) 437 0255

Client:

Project #/ Project Name	Project Manager	Project Start Date	Project End Date	Project Status	Project Budget	Project Actuals	Project Variance	Project Risk	Project Comments
1/ Project A	John Doe	2023-01-01	2023-03-31	Completed	\$100,000	\$100,000	\$0	Low	Project completed on time and within budget.
2/ Project B	Jane Smith	2023-04-01	2023-06-30	In Progress	\$200,000	\$150,000	-\$50,000	Medium	Project is behind schedule and over budget.
3/ Project C	Mike Johnson	2023-07-01	2023-09-30	On Hold	\$150,000	\$0	-\$150,000	High	Project is on hold due to funding issues.
4/ Project D	Sarah Brown	2023-10-01	2023-12-31	Planned	\$120,000	\$0	-\$120,000	Low	Project is planned for next year.

DSI Systems Inc.-Soils

Client Contact:

Phone #

Location (City/State)

518-782-0882

Date _____

Time

Matrix

Grab or Comp	ULI Internal Use Only U1202377
--------------	-----------------------------------

Number of Containers

Ull Computer nicht Form

Remarks	ASP B

Parameter and Method	Sample bottle:	Type	Size	Preservative	Sampled by (Print)	Date	Time	Name of Courier
1 8260B (TCL 2005 List), Pmoist		Glass	4 oz	None	Company: <i>Seaton</i>			
2					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
3					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
4					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
5					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
6					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
7					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
8					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
9					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>
10					Relinquished by: (sign) <i>[Signature]</i>	Date	Time	Received by: (sign) <i>[Signature]</i>

Fair Lawn (NJ)

Chain of Custody Record

Fax (315) 437 1209

Project #/ Project Name

DSI Systems Inc.-Water

 Location (City/State) |

518-782-0882

[illegible]

APPENDIX D
LABORATORY DATA PACKAGE
GROUNDWATER, MARCH 23, 2012

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-17674-1

Client Project/Site: Postenkill Site

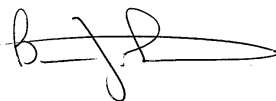
For:

Spectra Environmental Group

19 British American Blvd

Latham, New York 12110

Attn: Frank Peduto



Authorized for release by:

4/3/2012 12:35:56 PM

Brian Fischer

Project Manager II

brian.fischer@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Job ID: 480-17674-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-17674-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of target analytes: GMW-2 (480-17674-2). Elevated reporting limits (RLs) are provided.

Method 8260B: The following samples were diluted due to the abundance of target analytes: (480-17674-3 MS), (480-17674-3 MSD), GMW-3 (480-17674-3). Elevated reporting limits (RLs) are provided.

Method 8260B: The matrix spike (MS) recoveries for batch 57166 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Detection Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-1

Lab Sample ID: 480-17674-1

No Detections

Client Sample ID: GMW-2

Lab Sample ID: 480-17674-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.84	J	1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	47		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.63	J	1.0	0.36	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.6		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene - DL	280		4.0	1.8	ug/L	4		8260B	Total/NA

Client Sample ID: GMW-3

Lab Sample ID: 480-17674-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.3		1.0	0.29	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.51	J	1.0	0.36	ug/L	1		8260B	Total/NA
Vinyl chloride	24		1.0	0.90	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	280		25	20	ug/L	25		8260B	Total/NA
Trichloroethene - DL	1600		25	12	ug/L	25		8260B	Total/NA

Client Sample ID: GMW-4

Lab Sample ID: 480-17674-4

No Detections

Client Sample ID: GMW-5

Lab Sample ID: 480-17674-5

No Detections

Client Sample ID: TB

Lab Sample ID: 480-17674-6

No Detections

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-1

Date Collected: 03/23/12 11:05

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 01:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 01:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 01:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 01:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 01:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 01:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 01:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 01:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 01:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 01:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 01:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 01:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 01:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 01:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 01:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 01:49	1
Acetone	ND		10	3.0	ug/L			03/28/12 01:49	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 01:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 01:49	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 01:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 01:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 01:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 01:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 01:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 01:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 01:49	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 01:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 01:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 01:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 01:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 01:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 01:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 01:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 01:49	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 01:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 01:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 01:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 01:49	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 01:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 01:49	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 01:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 01:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 01:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 01:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 01:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 01:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 01:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		03/28/12 01:49	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-1

Date Collected: 03/23/12 11:05

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	91		71 - 126		03/28/12 01:49	1
<i>4-Bromofluorobenzene (Surr)</i>	92		73 - 120		03/28/12 01:49	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-2

Lab Sample ID: 480-17674-2

Date Collected: 03/23/12 09:09

Matrix: Water

Date Received: 03/24/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 03:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 03:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 03:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 03:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 03:05	1
1,1-Dichloroethene	0.84	J	1.0	0.29	ug/L			03/28/12 03:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 03:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 03:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 03:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 03:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 03:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 03:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 03:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 03:05	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 03:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 03:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 03:05	1
Acetone	ND		10	3.0	ug/L			03/28/12 03:05	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 03:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 03:05	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 03:05	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 03:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 03:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 03:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 03:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 03:05	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 03:05	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 03:05	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 03:05	1
cis-1,2-Dichloroethene	47		1.0	0.81	ug/L			03/28/12 03:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 03:05	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 03:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 03:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 03:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 03:05	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 03:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 03:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 03:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 03:05	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 03:05	1
Tetrachloroethene	0.63	J	1.0	0.36	ug/L			03/28/12 03:05	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 03:05	1
trans-1,2-Dichloroethene	2.6		1.0	0.90	ug/L			03/28/12 03:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 03:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 03:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 03:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		66 - 137		03/28/12 03:05	1
Toluene-d8 (Surr)	93		71 - 126		03/28/12 03:05	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-2

Date Collected: 03/23/12 09:09

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		73 - 120		03/28/12 03:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	280		4.0	1.8	ug/L			03/28/12 15:51	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/12 15:51	4
Toluene-d8 (Surr)	117		71 - 126		03/28/12 15:51	4
4-Bromofluorobenzene (Surr)	106		73 - 120		03/28/12 15:51	4

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-3

Lab Sample ID: 480-17674-3

Date Collected: 03/23/12 10:00

Matrix: Water

Date Received: 03/24/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 16:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 16:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 16:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 16:16	1
1,1-Dichloroethene	1.3		1.0	0.29	ug/L			03/28/12 16:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 16:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 16:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 16:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 16:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 16:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 16:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 16:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 16:16	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 16:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 16:16	1
Acetone	ND		10	3.0	ug/L			03/28/12 16:16	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 16:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 16:16	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 16:16	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 16:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 16:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 16:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 16:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 16:16	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 16:16	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 16:16	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 16:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 16:16	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 16:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 16:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 16:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 16:16	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 16:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 16:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 16:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 16:16	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 16:16	1
Tetrachloroethene	0.51	J	1.0	0.36	ug/L			03/28/12 16:16	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 16:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 16:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 16:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 16:16	1
Vinyl chloride	24		1.0	0.90	ug/L			03/28/12 16:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/12 16:16	1
Toluene-d8 (Surr)	114		71 - 126		03/28/12 16:16	1
4-Bromofluorobenzene (Surr)	104		73 - 120		03/28/12 16:16	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-3

Lab Sample ID: 480-17674-3

Date Collected: 03/23/12 10:00

Matrix: Water

Date Received: 03/24/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	280		25	20	ug/L			03/29/12 05:56	25
Trichloroethene	1600		25	12	ug/L			03/29/12 05:56	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		66 - 137					03/29/12 05:56	25
Toluene-d8 (Surr)	114		71 - 126					03/29/12 05:56	25
4-Bromofluorobenzene (Surr)	102		73 - 120					03/29/12 05:56	25

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-4

Date Collected: 03/23/12 13:35

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 16:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 16:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 16:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 16:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 16:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 16:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 16:39	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 16:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 16:39	1
Acetone	ND		10	3.0	ug/L			03/28/12 16:39	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 16:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 16:39	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 16:39	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 16:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 16:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 16:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 16:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 16:39	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 16:39	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 16:39	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 16:39	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 16:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 16:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 16:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 16:39	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 16:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 16:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 16:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 16:39	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 16:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 16:39	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 16:39	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 16:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 16:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 16:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/12 16:39	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-4

Date Collected: 03/23/12 13:35

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	114		71 - 126		03/28/12 16:39	1
<i>4-Bromofluorobenzene (Surr)</i>	105		73 - 120		03/28/12 16:39	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-5

Date Collected: 03/23/12 11:40

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 17:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 17:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 17:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 17:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 17:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 17:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 17:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 17:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 17:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 17:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 17:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 17:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 17:02	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 17:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 17:02	1
Acetone	ND		10	3.0	ug/L			03/28/12 17:02	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 17:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 17:02	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 17:02	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 17:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 17:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 17:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 17:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 17:02	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 17:02	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 17:02	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 17:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 17:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 17:02	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 17:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 17:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 17:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 17:02	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 17:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 17:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 17:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 17:02	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 17:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 17:02	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 17:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 17:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 17:02	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 17:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 17:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/12 17:02	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-5

Date Collected: 03/23/12 11:40

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-5

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	112		71 - 126		03/28/12 17:02	1
<i>4-Bromofluorobenzene (Surr)</i>	104		73 - 120		03/28/12 17:02	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: TB

Date Collected: 03/23/12 00:00

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 17:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 17:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 17:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 17:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 17:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 17:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 17:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 17:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 17:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 17:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 17:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 17:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 17:26	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 17:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 17:26	1
Acetone	ND		10	3.0	ug/L			03/28/12 17:26	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 17:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 17:26	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 17:26	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 17:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 17:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 17:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 17:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 17:26	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 17:26	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 17:26	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 17:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 17:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 17:26	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 17:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 17:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 17:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 17:26	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 17:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 17:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 17:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 17:26	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 17:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 17:26	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 17:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 17:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 17:26	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 17:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 17:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 17:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		66 - 137		03/28/12 17:26	1

Client Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: TB

Date Collected: 03/23/12 00:00

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	114		71 - 126		03/28/12 17:26	1
<i>4-Bromofluorobenzene (Surr)</i>	107		73 - 120		03/28/12 17:26	1

Surrogate Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-17674-1	GMW-1	101	91	92
480-17674-1 MS	GMW-1	98	91	91
480-17674-1 MSD	GMW-1	101	93	92
480-17674-2	GMW-2	99	93	91
480-17674-2 - DL	GMW-2	108	117	106
480-17674-3	GMW-3	106	114	104
480-17674-3 - DL	GMW-3	105	114	102
480-17674-3 MS	GMW-3	100	109	102
480-17674-3 MSD	GMW-3	104	110	104
480-17674-4	GMW-4	106	114	105
480-17674-5	GMW-5	106	112	104
480-17674-6	TB	108	114	107
LCS 480-56972/4	Lab Control Sample	102	94	92
LCS 480-57042/4	Lab Control Sample	106	110	102
LCS 480-57166/7	Lab Control Sample	106	116	108
MB 480-56972/5	Method Blank	100	93	90
MB 480-57042/5	Method Blank	106	114	103
MB 480-57166/5	Method Blank	106	115	108

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-56972/5

Matrix: Water

Analysis Batch: 56972

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/12 22:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/12 22:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/12 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/27/12 22:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/12 22:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/12 22:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/27/12 22:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/12 22:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/27/12 22:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/27/12 22:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/12 22:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/12 22:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/27/12 22:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/27/12 22:40	1
2-Hexanone	ND		5.0	1.2	ug/L			03/27/12 22:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/12 22:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/12 22:40	1
Acetone	ND		10	3.0	ug/L			03/27/12 22:40	1
Benzene	ND		1.0	0.41	ug/L			03/27/12 22:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/12 22:40	1
Bromoform	ND		1.0	0.26	ug/L			03/27/12 22:40	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/12 22:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/12 22:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/12 22:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/12 22:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/12 22:40	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/12 22:40	1
Chloroform	ND		1.0	0.34	ug/L			03/27/12 22:40	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/12 22:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/27/12 22:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/12 22:40	1
Cyclohexane	ND		1.0	0.18	ug/L			03/27/12 22:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/12 22:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/12 22:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/27/12 22:40	1
Methyl acetate	ND		1.0	0.50	ug/L			03/27/12 22:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/27/12 22:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/27/12 22:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/12 22:40	1
Styrene	ND		1.0	0.73	ug/L			03/27/12 22:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/12 22:40	1
Toluene	ND		1.0	0.51	ug/L			03/27/12 22:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/12 22:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/12 22:40	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/12 22:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/12 22:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/12 22:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/12 22:40	1

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-56972/5

Matrix: Water

Analysis Batch: 56972

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		03/27/12 22:40	1
Toluene-d8 (Surr)	93		71 - 126		03/27/12 22:40	1
4-Bromofluorobenzene (Surr)	90		73 - 120		03/27/12 22:40	1

Lab Sample ID: LCS 480-56972/4

Matrix: Water

Analysis Batch: 56972

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1-Dichloroethane	25.0	26.3		ug/L		105	71 - 129
1,1-Dichloroethene	25.0	21.2		ug/L		85	65 - 138
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,2-Dichloroethane	25.0	28.3		ug/L		113	75 - 127
Benzene	25.0	26.0		ug/L		104	71 - 124
Chlorobenzene	25.0	23.9		ug/L		96	72 - 120
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
Ethylbenzene	25.0	23.5		ug/L		94	77 - 123
Methyl tert-butyl ether	25.0	27.1		ug/L		108	64 - 127
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	23.6		ug/L		94	70 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	25.4		ug/L		102	74 - 123

<i>Surrogate</i>	<i>LCS</i> <i>%Recovery</i>	<i>LCS</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	102		66 - 137
Toluene-d8 (Surr)	94		71 - 126
4-Bromofluorobenzene (Surr)	92		73 - 120

Lab Sample ID: 480-17674-1 MS

Matrix: Water

Analysis Batch: 56972

Client Sample ID: GMW-1

Prep Type: Total/NA

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MS</i> <i>Result</i>	<i>MS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1-Dichloroethane	ND		25.0	25.9		ug/L		104	71 - 129
1,1-Dichloroethene	ND		25.0	20.0		ug/L		80	65 - 138
1,2-Dichlorobenzene	ND		25.0	23.8		ug/L		95	77 - 120
1,2-Dichloroethane	ND		25.0	28.0		ug/L		112	75 - 127
Benzene	ND		25.0	25.8		ug/L		103	71 - 124
Chlorobenzene	ND		25.0	24.4		ug/L		98	72 - 120
cis-1,2-Dichloroethene	ND		25.0	24.5		ug/L		98	74 - 124
Ethylbenzene	ND		25.0	24.1		ug/L		96	77 - 123
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	64 - 127
Tetrachloroethene	ND		25.0	25.0		ug/L		100	74 - 122
Toluene	ND		25.0	24.0		ug/L		96	70 - 122
trans-1,2-Dichloroethene	ND		25.0	24.4		ug/L		98	73 - 127
Trichloroethene	ND		25.0	25.6		ug/L		102	74 - 123

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
1,2-Dichloroethane-d4 (Surr)	98		66 - 137

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17674-1 MS

Matrix: Water

Analysis Batch: 56972

Client Sample ID: GMW-1

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	91		71 - 126
4-Bromofluorobenzene (Surr)	91		73 - 120

Lab Sample ID: 480-17674-1 MSD

Matrix: Water

Analysis Batch: 56972

Client Sample ID: GMW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	26.7		ug/L		107	71 - 129	3	20
1,1-Dichloroethene	ND		25.0	20.5		ug/L		82	65 - 138	2	16
1,2-Dichlorobenzene	ND		25.0	24.1		ug/L		96	77 - 120	1	20
1,2-Dichloroethane	ND		25.0	28.6		ug/L		114	75 - 127	2	20
Benzene	ND		25.0	26.4		ug/L		106	71 - 124	2	13
Chlorobenzene	ND		25.0	24.9		ug/L		100	72 - 120	2	25
cis-1,2-Dichloroethene	ND		25.0	25.2		ug/L		101	74 - 124	3	15
Ethylbenzene	ND		25.0	24.6		ug/L		98	77 - 123	2	15
Methyl tert-butyl ether	ND		25.0	25.6		ug/L		102	64 - 127	1	37
Tetrachloroethene	ND		25.0	25.3		ug/L		101	74 - 122	1	20
Toluene	ND		25.0	24.3		ug/L		97	70 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	25.1		ug/L		100	73 - 127	3	20
Trichloroethene	ND		25.0	27.1		ug/L		108	74 - 123	6	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		66 - 137
Toluene-d8 (Surr)	93		71 - 126
4-Bromofluorobenzene (Surr)	92		73 - 120

Lab Sample ID: MB 480-57042/5

Matrix: Water

Analysis Batch: 57042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 12:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 12:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 12:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 12:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 12:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 12:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 12:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 12:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 12:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 12:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 12:49	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 12:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 12:49	1

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-57042/5

Matrix: Water

Analysis Batch: 57042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			03/28/12 12:49	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 12:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 12:49	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 12:49	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 12:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 12:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 12:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 12:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 12:49	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 12:49	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 12:49	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 12:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 12:49	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 12:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 12:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 12:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 12:49	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 12:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 12:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 12:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 12:49	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 12:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 12:49	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 12:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 12:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 12:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 12:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 12:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/12 12:49	1
Toluene-d8 (Surr)	114		71 - 126		03/28/12 12:49	1
4-Bromofluorobenzene (Surr)	103		73 - 120		03/28/12 12:49	1

Lab Sample ID: LCS 480-57042/4

Matrix: Water

Analysis Batch: 57042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	26.8		ug/L		107	71 - 129
1,1-Dichloroethene	25.0	23.0		ug/L		92	65 - 138
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	77 - 120
1,2-Dichloroethane	25.0	27.7		ug/L		111	75 - 127
Benzene	25.0	27.3		ug/L		109	71 - 124
Chlorobenzene	25.0	28.1		ug/L		112	72 - 120
cis-1,2-Dichloroethene	25.0	27.6		ug/L		110	74 - 124

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-57042/4

Matrix: Water

Analysis Batch: 57042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	25.0	28.3		ug/L		113	77 - 123
Methyl tert-butyl ether	25.0	25.3		ug/L		101	64 - 127
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	27.9		ug/L		112	70 - 122
trans-1,2-Dichloroethene	25.0	28.0		ug/L		112	73 - 127
Trichloroethene	25.0	27.0		ug/L		108	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
Toluene-d8 (Surr)	110		71 - 126
4-Bromofluorobenzene (Surr)	102		73 - 120

Lab Sample ID: MB 480-57166/5

Matrix: Water

Analysis Batch: 57166

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/12 23:45	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/12 23:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/12 23:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/28/12 23:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/12 23:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/12 23:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/28/12 23:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/12 23:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/28/12 23:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/28/12 23:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/12 23:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/12 23:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/28/12 23:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/28/12 23:45	1
2-Hexanone	ND		5.0	1.2	ug/L			03/28/12 23:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/12 23:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/12 23:45	1
Acetone	ND		10	3.0	ug/L			03/28/12 23:45	1
Benzene	ND		1.0	0.41	ug/L			03/28/12 23:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/12 23:45	1
Bromoform	ND		1.0	0.26	ug/L			03/28/12 23:45	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/12 23:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/12 23:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/12 23:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/12 23:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/12 23:45	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/12 23:45	1
Chloroform	ND		1.0	0.34	ug/L			03/28/12 23:45	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/12 23:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/28/12 23:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/12 23:45	1
Cyclohexane	ND		1.0	0.18	ug/L			03/28/12 23:45	1

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-57166/5

Matrix: Water

Analysis Batch: 57166

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/12 23:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/12 23:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/28/12 23:45	1
Methyl acetate	ND		1.0	0.50	ug/L			03/28/12 23:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/28/12 23:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/28/12 23:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/12 23:45	1
Styrene	ND		1.0	0.73	ug/L			03/28/12 23:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/12 23:45	1
Toluene	ND		1.0	0.51	ug/L			03/28/12 23:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/12 23:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/12 23:45	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/12 23:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/12 23:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/12 23:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/12 23:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		66 - 137		03/28/12 23:45	1
Toluene-d8 (Surr)	115		71 - 126		03/28/12 23:45	1
4-Bromofluorobenzene (Surr)	108		73 - 120		03/28/12 23:45	1

Lab Sample ID: LCS 480-57166/7

Matrix: Water

Analysis Batch: 57166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.4		ug/L		98	71 - 129
1,1-Dichloroethene	25.0	19.9		ug/L		80	65 - 138
1,2-Dichlorobenzene	25.0	26.2		ug/L		105	77 - 120
1,2-Dichloroethane	25.0	25.1		ug/L		100	75 - 127
Benzene	25.0	25.3		ug/L		101	71 - 124
Chlorobenzene	25.0	26.8		ug/L		107	72 - 120
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Methyl tert-butyl ether	25.0	23.3		ug/L		93	64 - 127
Tetrachloroethene	25.0	26.8		ug/L		107	74 - 122
Toluene	25.0	26.5		ug/L		106	70 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
Trichloroethene	25.0	24.8		ug/L		99	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		66 - 137
Toluene-d8 (Surr)	116		71 - 126
4-Bromofluorobenzene (Surr)	108		73 - 120

QC Sample Results

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-17674-3 MS

Matrix: Water

Analysis Batch: 57166

Client Sample ID: GMW-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		625	625		ug/L		100	71 - 129
1,1-Dichloroethene	ND		625	528		ug/L		84	65 - 138
1,2-Dichlorobenzene	ND		625	660		ug/L		106	77 - 120
1,2-Dichloroethane	ND		625	650		ug/L		104	75 - 127
Benzene	ND		625	643		ug/L		103	71 - 124
Chlorobenzene	ND		625	683		ug/L		109	72 - 120
cis-1,2-Dichloroethene	280		625	885		ug/L		97	74 - 124
Ethylbenzene	ND		625	665		ug/L		106	77 - 123
Methyl tert-butyl ether	ND		625	588		ug/L		94	64 - 127
Tetrachloroethene	ND		625	690		ug/L		110	74 - 122
Toluene	ND		625	650		ug/L		104	70 - 122
trans-1,2-Dichloroethene	ND		625	663		ug/L		106	73 - 127
Trichloroethene	1600		625	2010	F	ug/L		58	74 - 123
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	100		66 - 137						
Toluene-d8 (Surr)	109		71 - 126						
4-Bromofluorobenzene (Surr)	102		73 - 120						

Lab Sample ID: 480-17674-3 MSD

Matrix: Water

Analysis Batch: 57166

Client Sample ID: GMW-3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		625	675		ug/L		108	71 - 129	8	20
1,1-Dichloroethene	ND		625	568		ug/L		91	65 - 138	7	16
1,2-Dichlorobenzene	ND		625	718		ug/L		115	77 - 120	8	20
1,2-Dichloroethane	ND		625	698		ug/L		112	75 - 127	7	20
Benzene	ND		625	685		ug/L		110	71 - 124	6	13
Chlorobenzene	ND		625	725		ug/L		116	72 - 120	6	25
cis-1,2-Dichloroethene	280		625	950		ug/L		107	74 - 124	7	15
Ethylbenzene	ND		625	723		ug/L		116	77 - 123	8	15
Methyl tert-butyl ether	ND		625	618		ug/L		99	64 - 127	5	37
Tetrachloroethene	ND		625	725		ug/L		116	74 - 122	5	20
Toluene	ND		625	695		ug/L		111	70 - 122	7	15
trans-1,2-Dichloroethene	ND		625	698		ug/L		112	73 - 127	5	20
Trichloroethene	1600		625	2160		ug/L		84	74 - 123	8	16
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	104		66 - 137								
Toluene-d8 (Surr)	110		71 - 126								
4-Bromofluorobenzene (Surr)	104		73 - 120								

QC Association Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

GC/MS VOA

Analysis Batch: 56972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17674-1	GMW-1	Total/NA	Water	8260B	
480-17674-1 MS	GMW-1	Total/NA	Water	8260B	
480-17674-1 MSD	GMW-1	Total/NA	Water	8260B	
480-17674-2	GMW-2	Total/NA	Water	8260B	
LCS 480-56972/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-56972/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 57042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17674-2 - DL	GMW-2	Total/NA	Water	8260B	
480-17674-3	GMW-3	Total/NA	Water	8260B	
480-17674-4	GMW-4	Total/NA	Water	8260B	
480-17674-5	GMW-5	Total/NA	Water	8260B	
480-17674-6	TB	Total/NA	Water	8260B	
LCS 480-57042/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-57042/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 57166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-17674-3 - DL	GMW-3	Total/NA	Water	8260B	
480-17674-3 MS	GMW-3	Total/NA	Water	8260B	
480-17674-3 MSD	GMW-3	Total/NA	Water	8260B	
LCS 480-57166/7	Lab Control Sample	Total/NA	Water	8260B	
MB 480-57166/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Client Sample ID: GMW-1

Date Collected: 03/23/12 11:05

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	56972	03/28/12 01:49	LH	TAL BUF

Client Sample ID: GMW-2

Date Collected: 03/23/12 09:09

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	56972	03/28/12 03:05	LH	TAL BUF
Total/NA	Analysis	8260B	DL	4	57042	03/28/12 15:51	RL	TAL BUF

Client Sample ID: GMW-3

Date Collected: 03/23/12 10:00

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	57042	03/28/12 16:16	RL	TAL BUF
Total/NA	Analysis	8260B	DL	25	57166	03/29/12 05:56	DC	TAL BUF

Client Sample ID: GMW-4

Date Collected: 03/23/12 13:35

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	57042	03/28/12 16:39	RL	TAL BUF

Client Sample ID: GMW-5

Date Collected: 03/23/12 11:40

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	57042	03/28/12 17:02	RL	TAL BUF

Client Sample ID: TB

Date Collected: 03/23/12 00:00

Date Received: 03/24/12 09:00

Lab Sample ID: 480-17674-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	57042	03/28/12 17:26	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Spectra Environmental Group
Project/Site: Postenkill Site

TestAmerica Job ID: 480-17674-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-17674-1	GMW-1	Water	03/23/12 11:05	03/24/12 09:00
480-17674-2	GMW-2	Water	03/23/12 09:09	03/24/12 09:00
480-17674-3	GMW-3	Water	03/23/12 10:00	03/24/12 09:00
480-17674-4	GMW-4	Water	03/23/12 13:35	03/24/12 09:00
480-17674-5	GMW-5	Water	03/23/12 11:40	03/24/12 09:00
480-17674-6	TB	Water	03/23/12 00:00	03/24/12 09:00

Client Information Client Contact: Frank Peduto Phone: 518 928 4024 E-Mail: brian.fischer@teslamerica.com		Lab PM: Brian Fischer E-Mail: brian.fischer@teslamerica.com		Carrier Tracking No(s): COC No:	
Analysis Requested					
Due Date Requested: TAT Requested (days): 10 business days		Preservation Codes: A - HCL J - DI Water B - NaOH M - Hexane C - Zn Acetate N - None D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 H - Ascorbic Acid S - H2SO4 L - Ice L - other (specify)			
Quote #: 518-782-0882 PO #: 518-782-0882 WO #: 518-782-0882 SSOW#: 518-782-0882		Regulatory programs: MCP ☐ GW I/SI ☐ RCP ☐ CT RSR ☐ DEP Form ☐ EDD Required ☐			
Project Name/number: Site: Postenkill		Total Number of containers:			
Sample Identification GMW-1 GMW-2 GMW-3 GMW-4 GMW-5 GMW-MSD GMW-MSD		Sample Date 3-23-12 0909 1000 1335 1140 1105 1105		Sample Time 1105 0909 1000 1335 1140 1105 1105	
Sample Type G W G W G W G W		Matrix (W=Water, S=Solid, O=Oil, BT=Tissue, A=Air) W W W W W W W W		Special Instructions/Note: GMW-1 MS/MSD	
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements: NYDEC EDD FORMAT			
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
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Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700		Relinquished by: Chris Kieffe Date/Time: 3-23-12 1445 Relinquished by: Lisa Kinsling Date/Time: 3-23-12 1700			
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Login Sample Receipt Checklist

Client: Spectra Environmental Group

Job Number: 480-17674-1

Login Number: 17674

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	SPECTRA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX E
VAPOR INTRUSION INVESTIGATION WORK PLAN



ENVIRONMENTAL GROUP, INC.
ENGINEERING, ARCHITECTURE AND SURVEYING, PC

October 4, 2012

Mr. James Drumm
New York State Department of Environmental Conservation
Remedial Bureau B, Section B
625 Broadway
Albany, New York 12233-7016

Re: Vapor Intrusion Investigation Work Plan (Revised)
Dynamic Systems Inc.
Poestenkill, Rensselaer County, New York

Dear Mr. Drumm:

On behalf of Dynamic Systems Inc. (DSI), Spectra Environmental Group, Inc. (Spectra) is pleased to provide the following Vapor Intrusion Investigation Work Plan for the above referenced site located in Poestenkill, New York. The plan has been revised to reflect comments made in your August 21, 2012 approval letter.

SITE BACKGROUND

The DSI property (the Site) is located in a rural area in Poestenkill, New York. The Site is situated on the northwest corner of the 82 acre property at 323 State Route 355, Poestenkill, New York. The Site is developed with an approximately 29,000 square foot light industrial building. The building contains offices, production areas, testing areas, a painting room, a machine shop, and a warehouse. A leach-field based septic system is located on the building's west side and a water supply well is located on the northern side. The well is located north of the parking lot on the north side of the building. It is an approximately 180 foot deep drilled well installed in 1966. Municipal water became available in the town in January 2011. Usage rates and well construction details are unknown. The well was disconnected in June 2011 when the facility changed over to the municipal public water supply system.

A Phase I, Phase II, and an amended Phase II were performed on the Site in 2010 by Gaia Tech, Inc. The Phase II report identified TCE and several degradation above the 6 NYCRR 703 Water Quality Standards in the groundwater onsite. More recently, investigations performed by Spectra, detected elevated levels of TCE, and its degradation products; cis-1,2- dichloroethene and vinyl chloride, in groundwater beneath the building footprint and along the southern wall of the building.

GENERAL INVESTIGATION APPROACH

The existing data for the Site's groundwater indicates elevated levels of TCE and daughter products cis-1,2-dichloroethene and vinyl chloride inside (MW-2) and to the south of the building (MW-3). The highest groundwater concentrations are consistently found inside the building (MW-2) and adjacent to the southern exterior wall of the building (MW-3). Based on the prior environmental investigations and analytical data, Spectra proposes taking both ambient air samples and sublab vapor samples to determine whether any soil vapor intrusion is occurring in the building.

To investigate the quality of the ambient air, four (4) summa canisters will be placed in strategic locations to collect ambient air samples.

One ambient air sample (above the floor) will be collected in the workshop area on the opposite side of building from the excavation area. A second sample will be collected from the shipping area. A third sample will be collected in the excavation area, and a fourth sample will be collected outside and upwind of the building. The latter location is used to determine a background level.

To investigate the quality of air below the concrete floor slab, two (2) sublab vapor samples will be collected. One sample will be collected in the remediation area where a vapor barrier will be placed directly over the excavated area and allow the summa canister to pull soil vapor directly from the sub-slab soil. A second sublab sample will be collected inside the shipping area at the south end of the building by MW-3. All samples will be collected at approximately the same time.

Vapor intrusion assessments taken inside a factory setting are problematic due to the nature of day to day activities. The placement of the canisters in the described locations is intended to document any unintended interferences (See attached Figure 1 - Air Sample Locations).

SCOPE OF WORK

TASK 1 SOIL VAPOR AND INDOOR AIR SAMPLING

Spectra will collect the soil vapor sample in accordance with the DOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

In addition to the four indoor air samples, one soil vapor sample will also be collected during the Soil Vapor Intrusion Investigation. The indoor air samples will be collected over an 8-hour period. The 8-hour period will overlap with the collection period of the soil vapor sample collected on the same day. All air samples will be collected and submitted to a New York State certified laboratory for analysis of volatile organic compounds by EPA Method TO-15.

TASK 2 REPORT PREPARATION

Spectra will provide a written report summarizing the results of the air sampling. Finally, Spectra will provide an analysis of the indoor air sample results with a comparison to the DOH Guidance Values, and provide recommendations for further action, as necessary.

SCHEDULE

Weather permitting, the proposed air sampling will be scheduled following the approval of this work plan.

Please give me a call at (518) 782-0882 if you have any questions or if you require any additional information with regard to this matter.

Very truly yours,

SPECTRA ENVIRONMENTAL GROUP, INC.

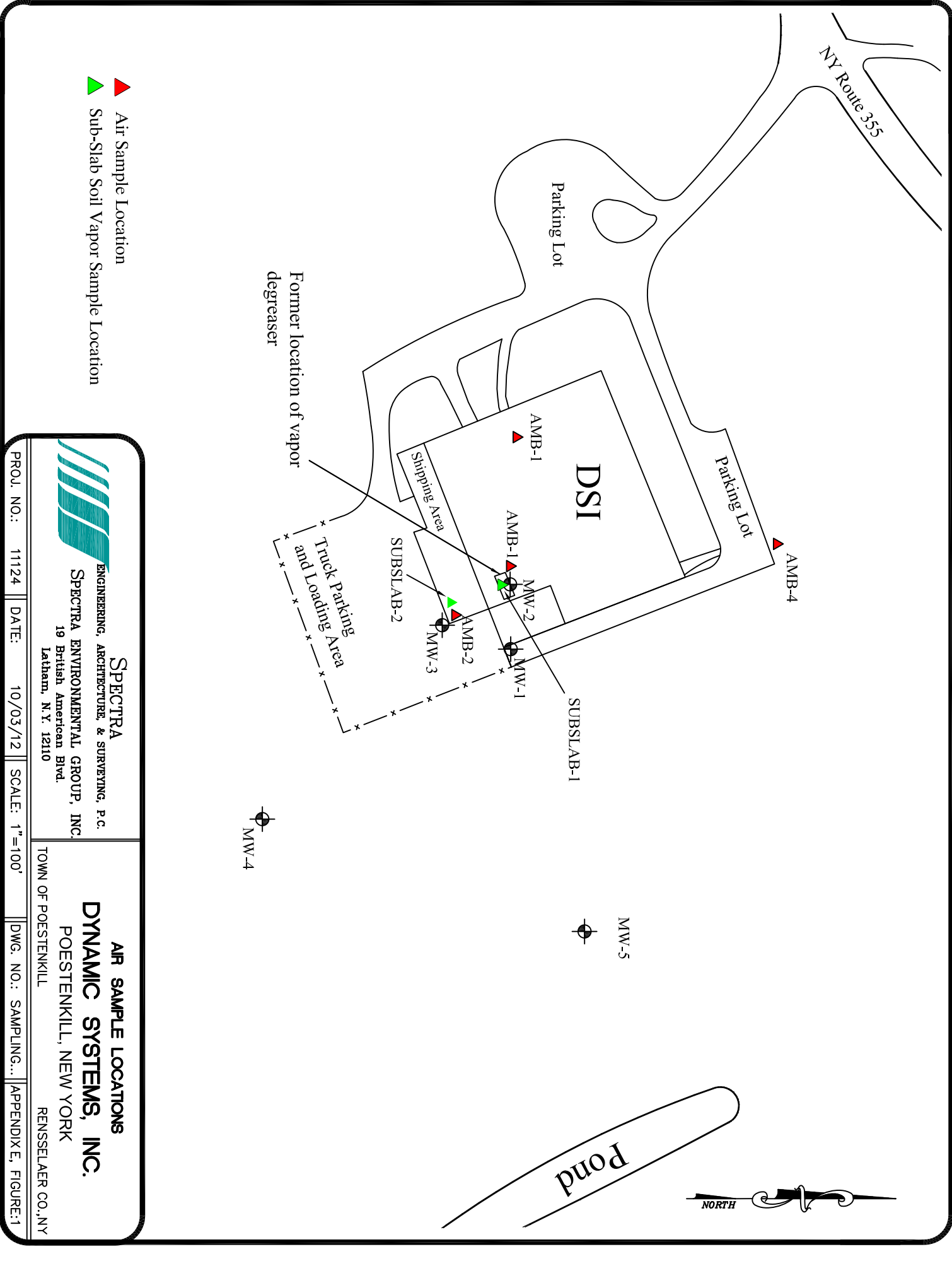
A handwritten signature in black ink, appearing to read "Frank R. Peduto".

Frank R. Peduto, P.E.
Project Manager

Attachment

FRP/akm

G:\2011\11124\Reports\Site Characterization Report\Revised SCR Report
7_23_2012\APPENDIX E - Vapor Intrusion Investigation Work Plan (REV).doc



▲ Air Sample Location

▲ Sub-Slab Soil Vapor Sample Location



SPECTRA
ENGINEERING, ARCHITECTURE, & SURVEYING, P.C.
SPECTRA ENVIRONMENTAL GROUP, INC.
19 British American Blvd.
Latham, N.Y. 12110

AIR SAMPLE LOCATIONS
DYNAMIC SYSTEMS, INC.
POESTENKILL, NEW YORK
TOWN OF POESTENKILL
RENSSELAER CO., NY

PROJ. NO.:

11124

DATE:

10/03/12

SCALE: 1"=100'

DWG. NO.: SAMPLING...

APPENDIX E, FIGURE:1

APPENDIX F
DATA USABILITY SUMMARY REPORT
SUBMITTED UNDER SEPARATE COVER